

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116008.D
 Acq On : 6 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4136-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Manual Integrations
 APPROVED

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 8/7/2019 4:41:43 PM

Quant Time: Aug 07 02:17:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123975	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	484488	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	260160	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	457476	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	326566	20.00	ng	-0.02
87) Perylene-d12	15.46	264	316759	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	649305	87.68	ng	0.00
7) Phenol-d6	6.47	99	878853	94.06	ng	-0.01
23) Nitrobenzene-d5	7.40	82	546097	65.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	222743	88.31	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	942562	67.86	ng	-0.02
79) Terphenyl-d14	12.95	244	1019686	65.80	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	107	0.029	ng	# 2
6) Aniline	6.62	93	1034	0.077	ng	# 1
9) Benzaldehyde	6.47	77	1560	0.242	ng	# 1
10) Phenol	6.49	94	11898	1.081	ng	# 49
11) bis(2-Chloroethyl)ether	6.62	93	1034	0.128	ng	# 1
15) Benzyl Alcohol	7.00	79	8841	1.247	ng	# 44
22) Acetophenone	7.26	105	2525	0.238	ng	# 82
24) Nitrobenzene	7.40	77	1809	0.200	ng	# 39
31) Naphthalene	8.15	128	1558	0.068	ng	# 68
37) 2-Methylnaphthalene	8.85	142	296	0.020	ng	# 69
38) 1-Methylnaphthalene	8.94	142	134	0.009	ng	# 7
46) 1,1'-Biphenyl	9.30	154	1625	0.088	ng	# 83
47) 2-Chloronaphthalene	9.59	162	266	0.017	ng	# 1
48) 2-Nitroaniline	9.59	65	616	0.122	ng	# 1
49) Acenaphthylene	9.74	152	499	0.022	ng	# 59
50) Dimethylphthalate	9.59	163	67102	3.788	ng	# 98
52) Acenaphthene	9.91	154	3620	0.265	ng	# 90
55) Dibenzofuran	10.09	168	1925	0.097	ng	# 80
56) 4-Nitrophenol	10.09	139	813	0.267	ng	# 8
58) Fluorene	10.43	166	3455	0.226	ng	# 98
60) Diethylphthalate	10.29	149	12299	0.744	ng	# 100
63) Azobenzene	10.57	77	1103	0.065	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	471	0.194	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	369	0.027	ng	# 24
71) Phenanthrene	11.39	178	75543	3.230	ng	# 99
73) Carbazole	11.60	167	6469	0.301	ng	# 82
74) Di-n-butylphthalate	11.92	149	9178	0.366	ng	# 46
75) Fluoranthene	12.58	202	190584	7.784	ng	# 81
77) Benzdine	12.69	184	1036	0.094	ng	# 1
78) Pyrene	12.81	202	166259	6.754	ng	# 84
80) Butylbenzylphthalate	13.42	149	921	0.088	ng	# 1
81) Benzo(a)anthracene	13.99	228	90253	4.324	ng	# 96
82) 3,3'-Dichlorobenzidine	13.94	252	1850	0.255	ng	# 1
83) Chrysene	14.03	228	75014	3.702	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	13.97	149	6057	0.448	nq	# 86
85) Di-n-octyl phthalate	14.57	149	527	0.025	nq	# 51
86) Indeno(1,2,3-cd)pyrene	16.94	276	46202	2.715	nq	97
88) Benzo(b)fluoranthene	15.04	252	98914m	5.401	nq	
90) Benzo(a)pyrene	15.40	252	69838	4.266	nq	# 95
91) Dibenzo(a,h)anthracene	16.94	278	12114	0.855	nq	# 90
92) Benzo(a,h,i)perylene	17.37	276	46341	3.329	nq	96

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

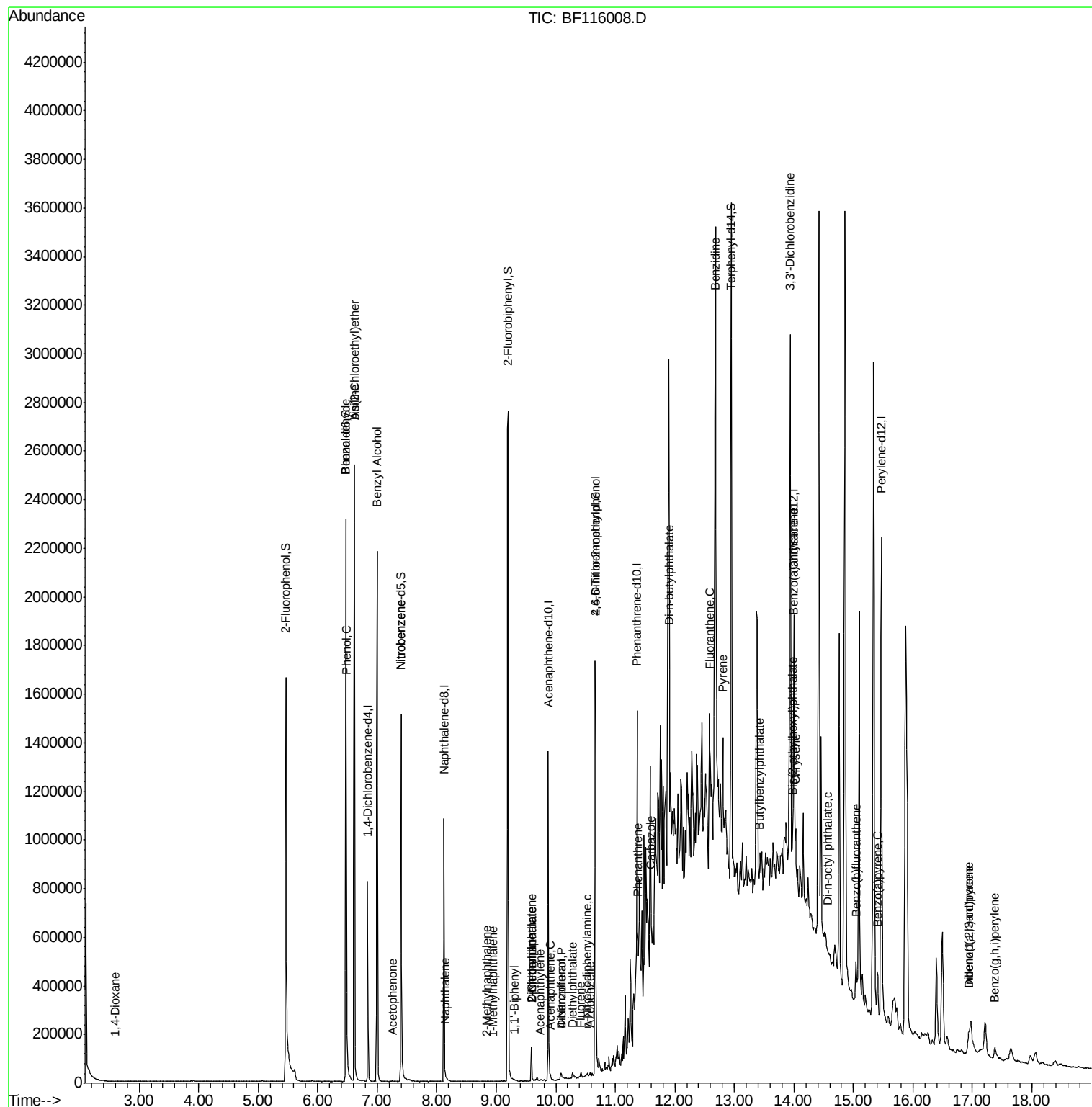
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
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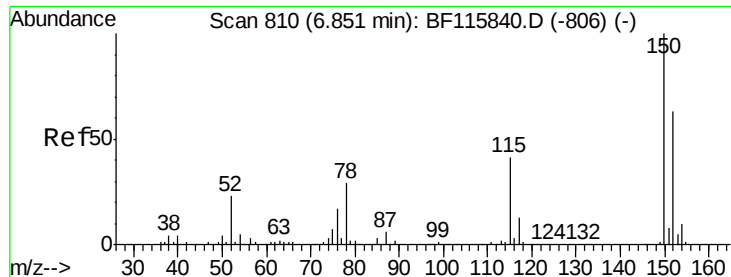
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:152 Resp: 123975

Ion Ratio Lower Upper

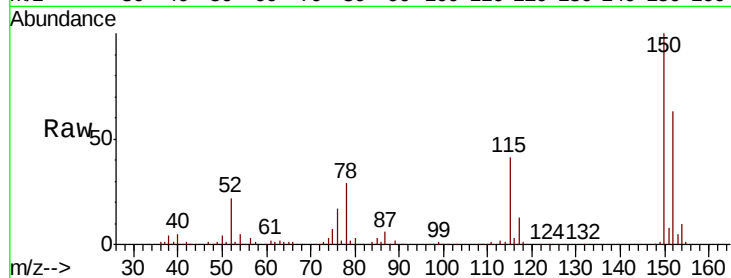
152 100

150 159.5 127.4 191.0

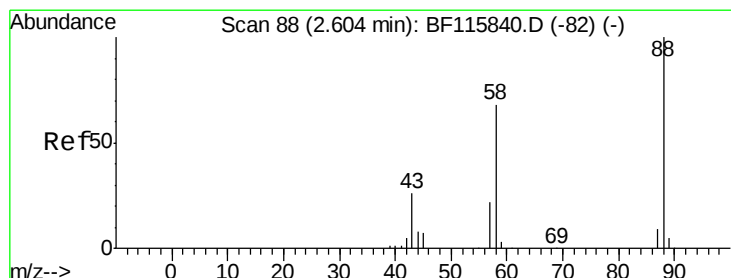
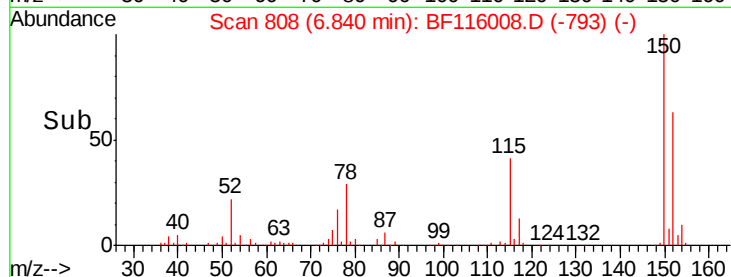
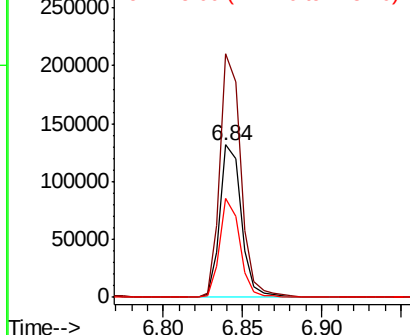
115 64.9 51.8 77.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.029 ng

RT: 2.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

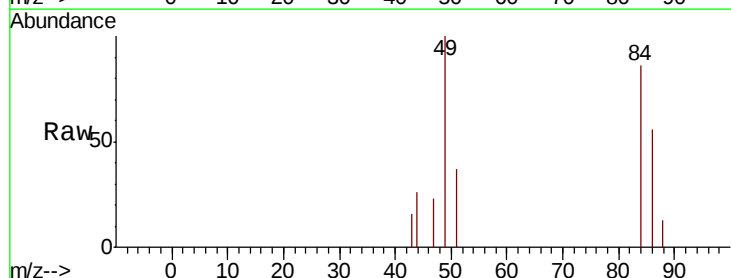
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

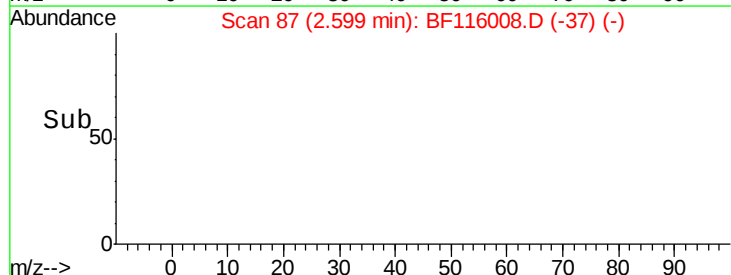
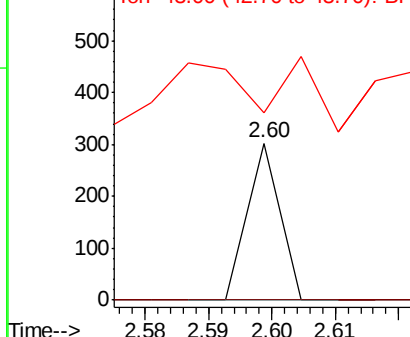
88 100

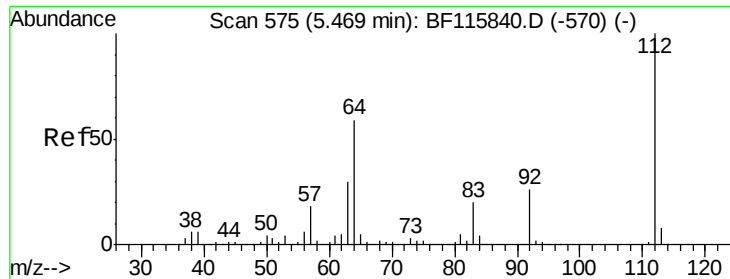
58 0.0 54.1 81.1#

43 95.3 20.7 31.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 87.677 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

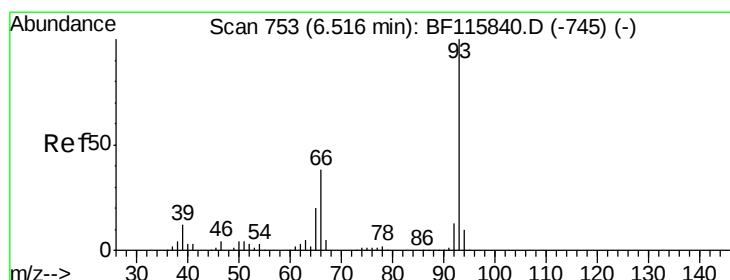
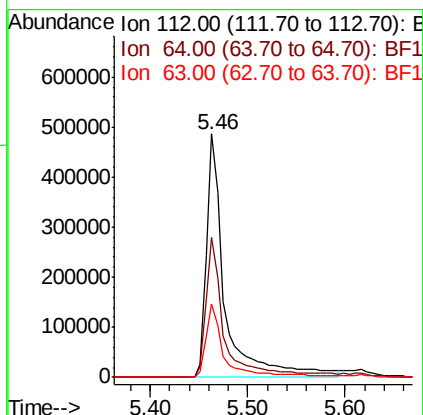
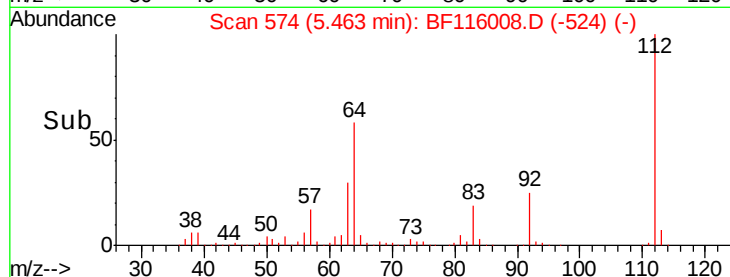
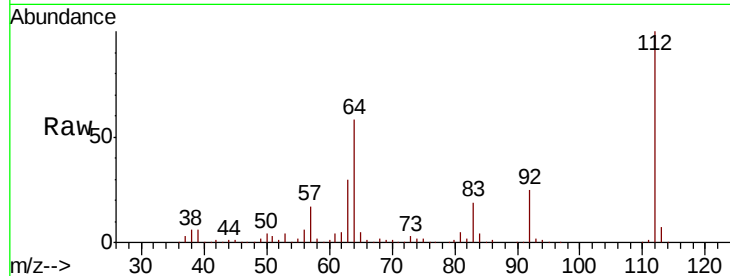
ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:	112	Resp:	649305
Ion Ratio	Lower	Upper	
112	100		
64	57.5	46.8	70.2
63	30.3	24.2	36.2

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#6

Aniline

Concen: 0.077 ng

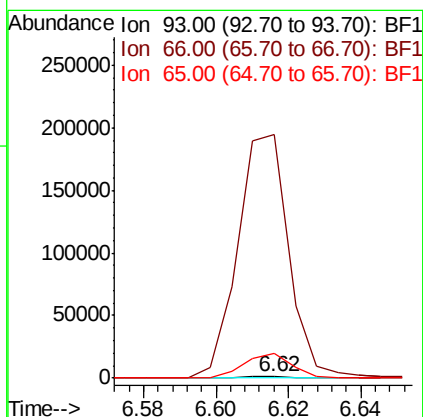
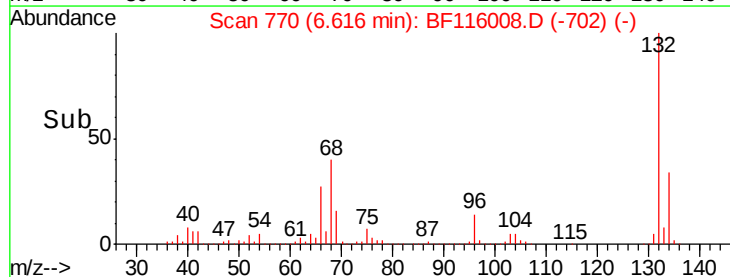
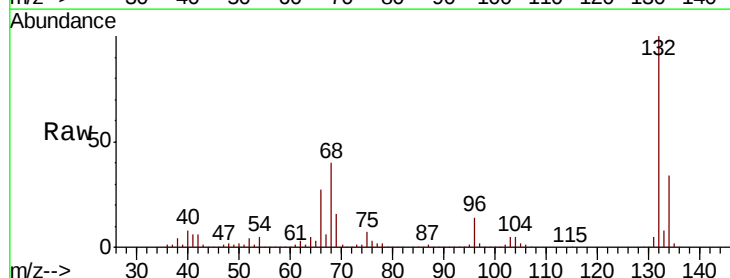
RT: 6.62 min Scan# 770

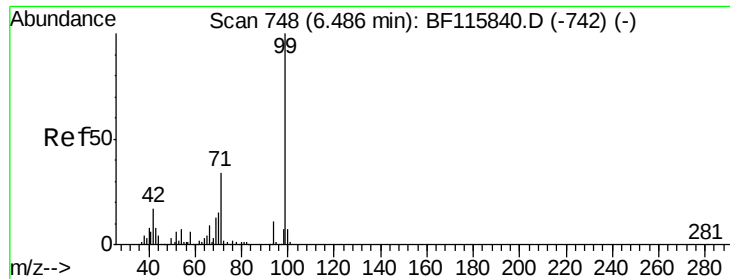
Delta R.T. 0.10 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Tgt Ion:	93	Resp:	1034
Ion Ratio	Lower	Upper	
93	100		
66	17784.3	31.4	47.0#
65	1816.5	16.5	24.7#





#7

Phenol-d6

Concen: 94.060 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

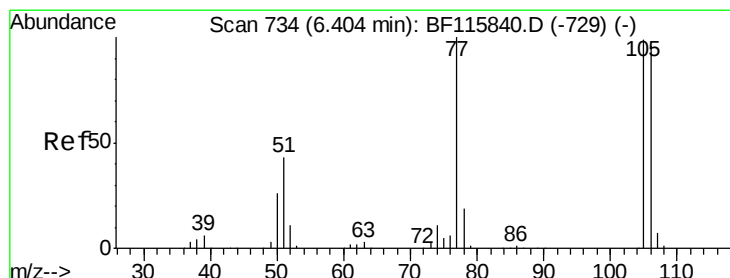
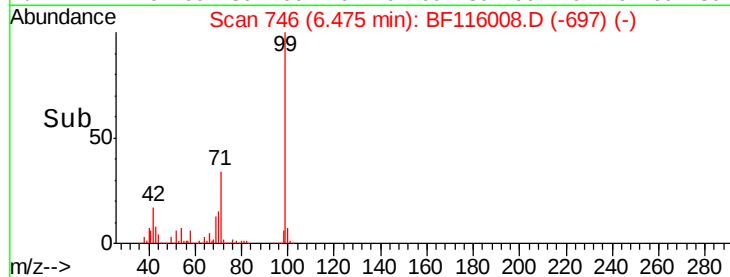
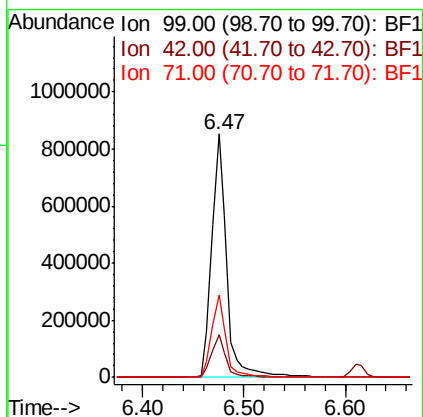
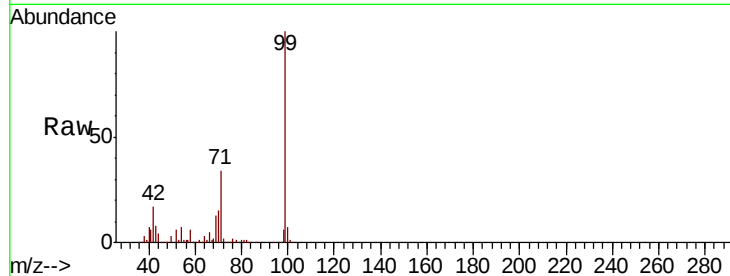
ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:	99	Resp:	878853
Ion Ratio	Lower	Upper	
99	100		
42	17.4	13.8	20.6
71	33.6	27.1	40.7

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#9

Benzaldehyde

Concen: 0.242 ng

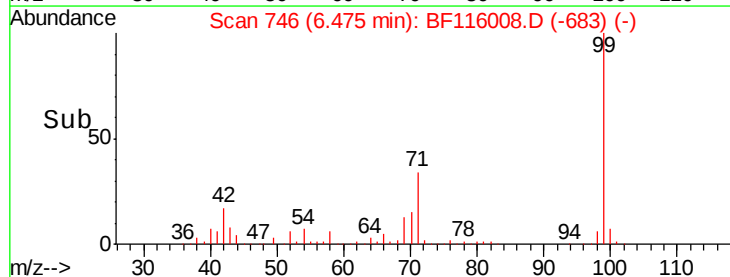
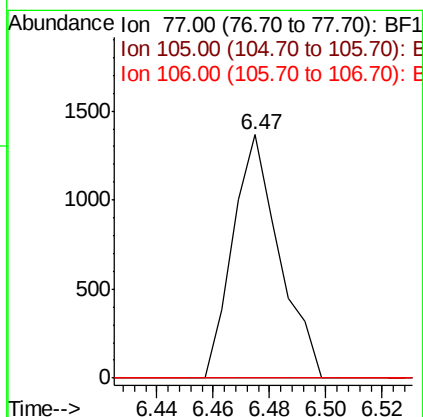
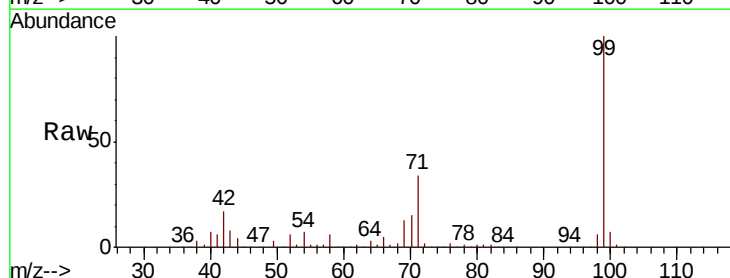
RT: 6.47 min Scan# 746

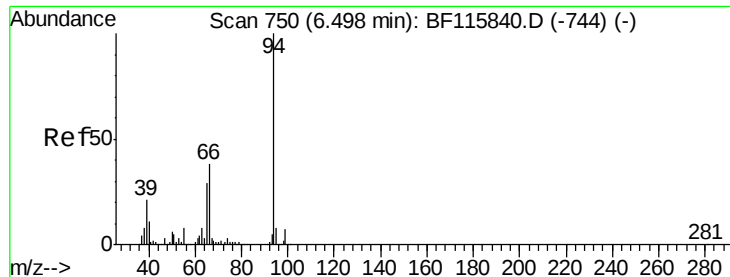
Delta R.T. 0.07 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Tgt Ion:	77	Resp:	1560
Ion Ratio	Lower	Upper	
77	100		
105	0.0	79.0	119.0#
106	0.0	76.2	116.2#





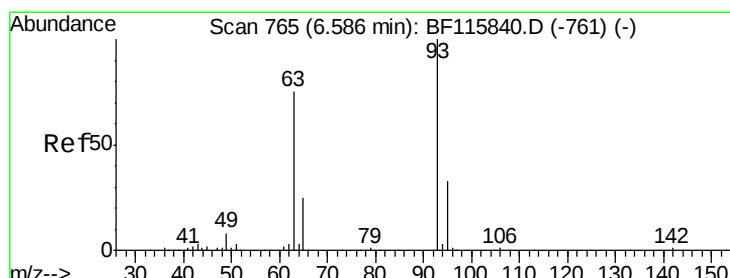
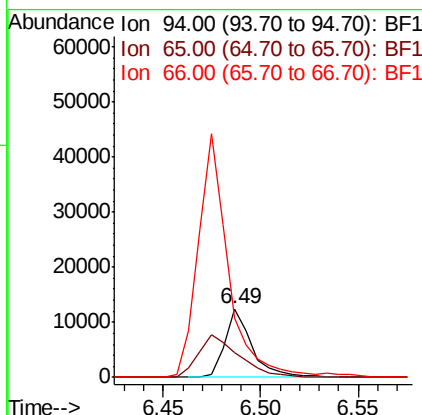
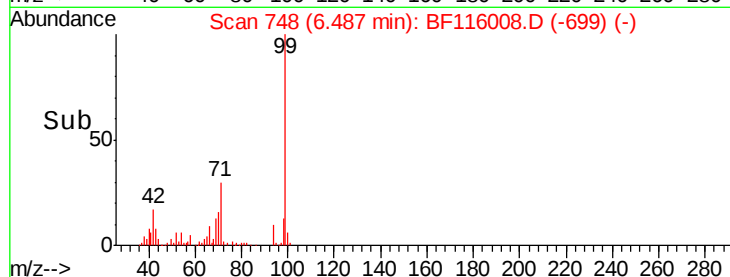
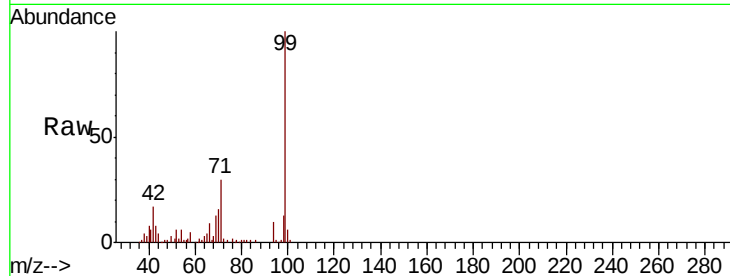
#10
Phenol
Concen: 1.081 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
94	100		
65	36.5	8.9	48.9
66	85.9	18.0	58.0#

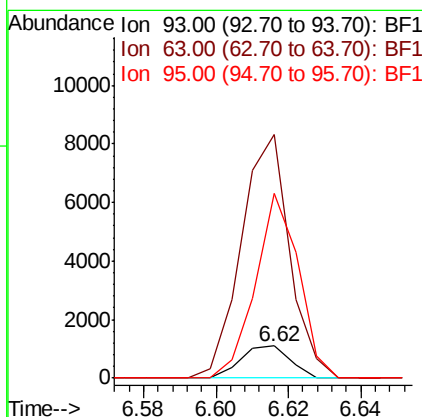
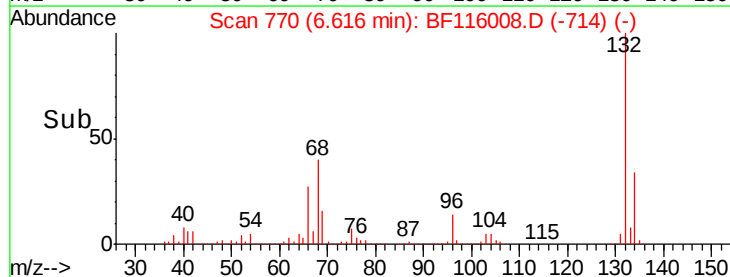
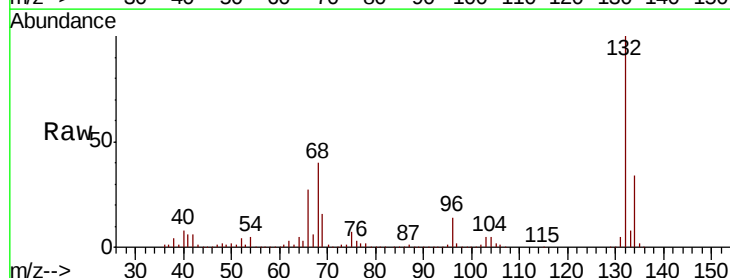
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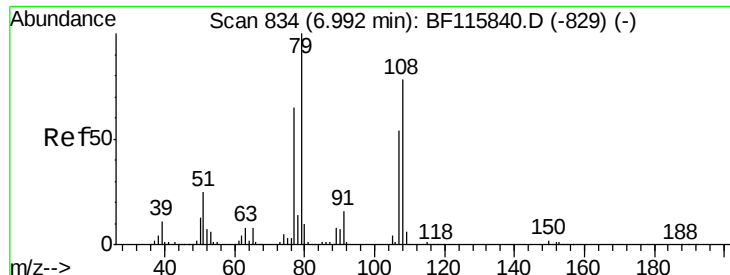
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#11
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
63	760.7	54.9	94.9#
95	575.4	13.3	53.3#





#15

Benzyl Alcohol

Concen: 1.247 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

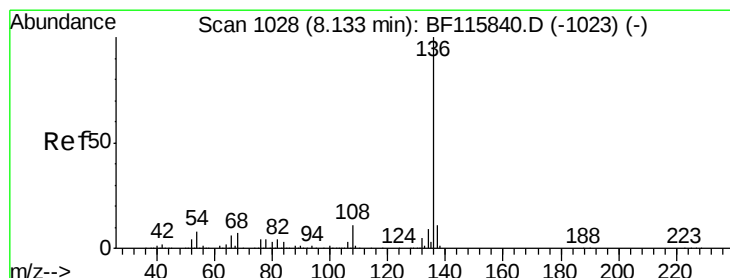
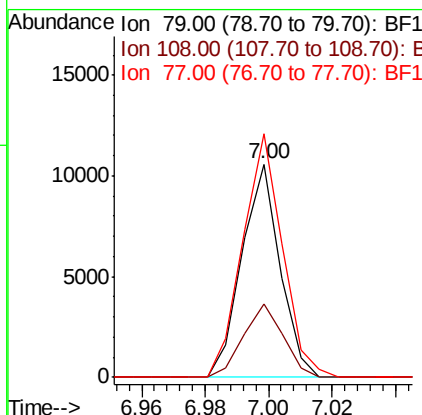
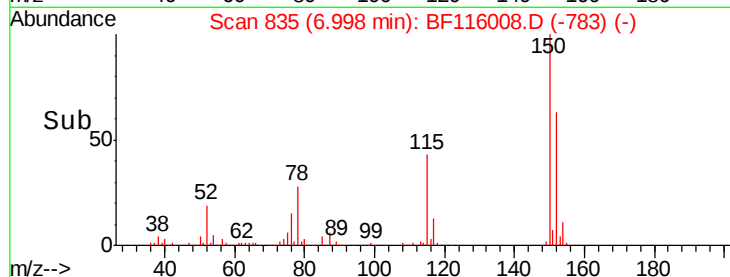
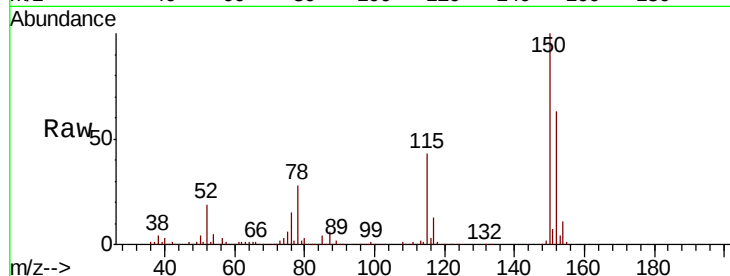
ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:	79	Resp:	8841
Ion	Ratio	Lower	Upper
79	100		
108	34.2	62.8	94.2#
77	114.2	52.0	78.0#

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

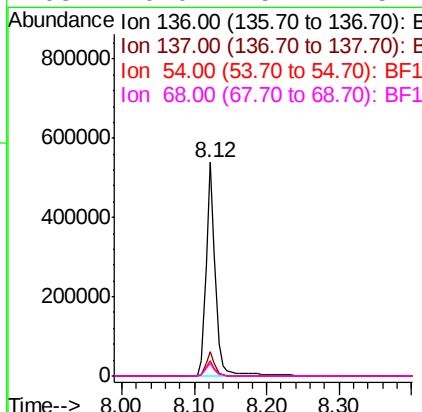
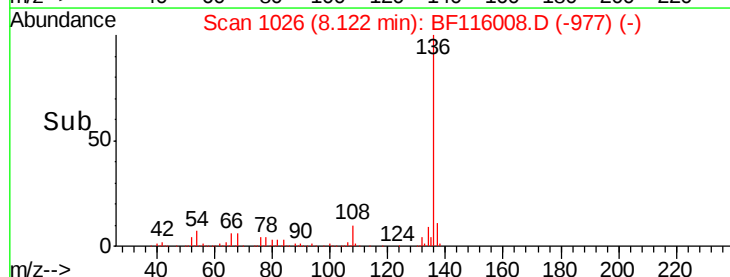
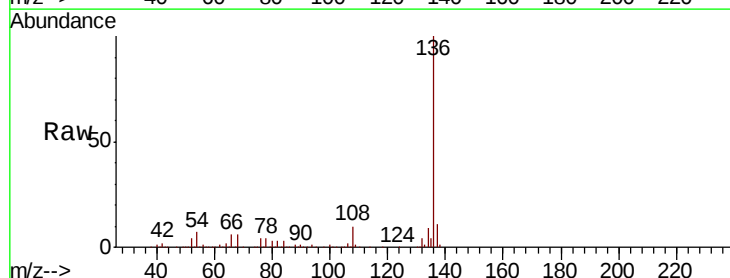
RT: 8.12 min Scan# 1026

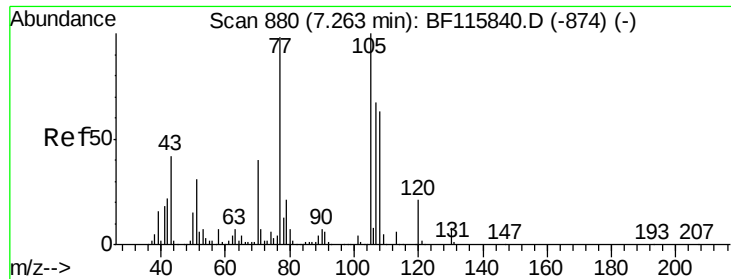
Delta R.T. -0.01 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Tgt Ion:	136	Resp:	484488
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	6.1	9.1
68	6.0	5.4	8.2





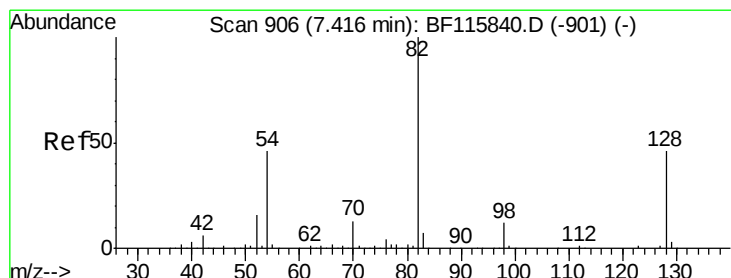
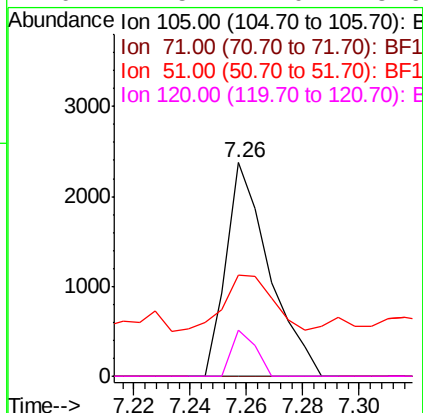
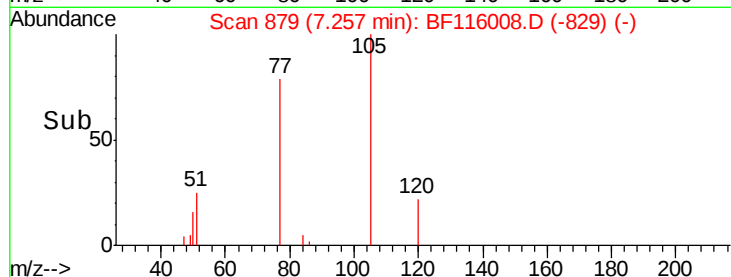
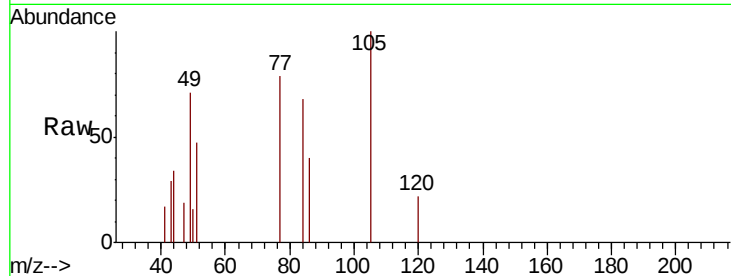
#22
Acetophenone
Concen: 0.238 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.4	8.0#
51	47.2	24.6	36.8#
120	21.5	17.0	25.6

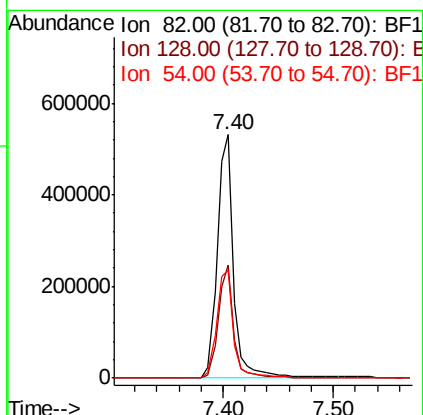
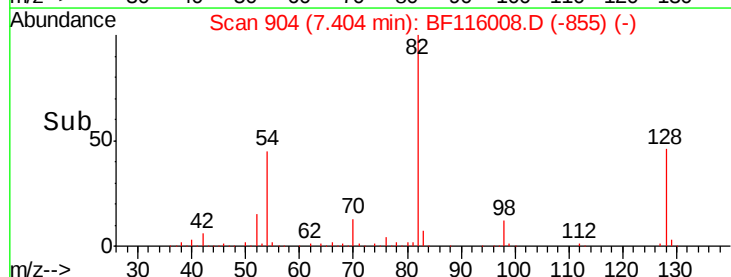
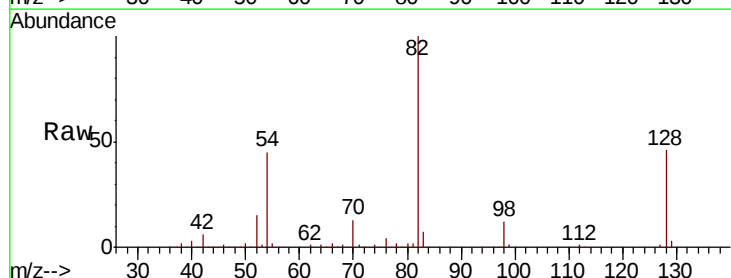
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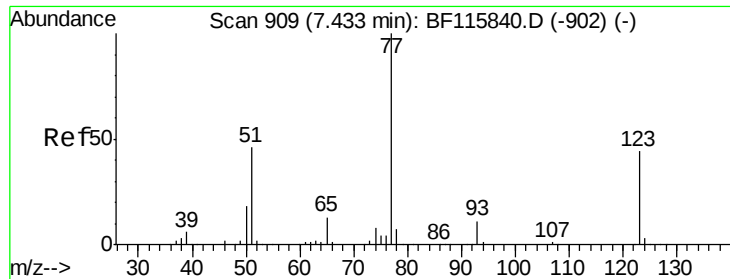
mohammad
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#23
Nitrobenzene-d5
Concen: 65.063 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	55.0
54	44.6	36.6	55.0





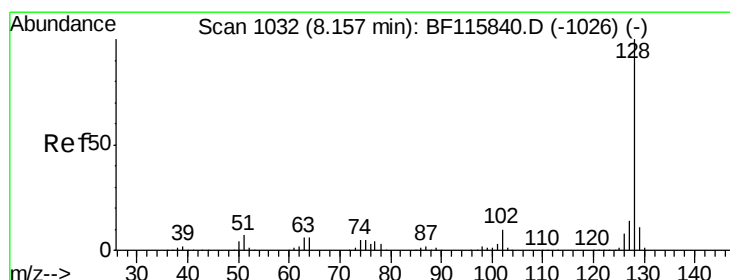
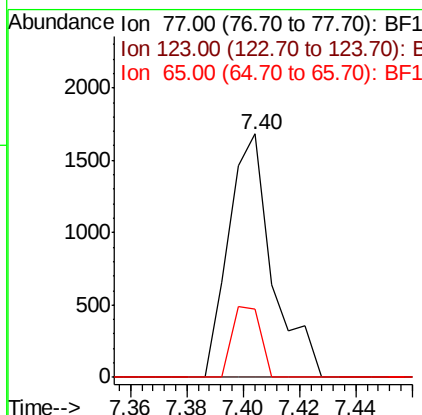
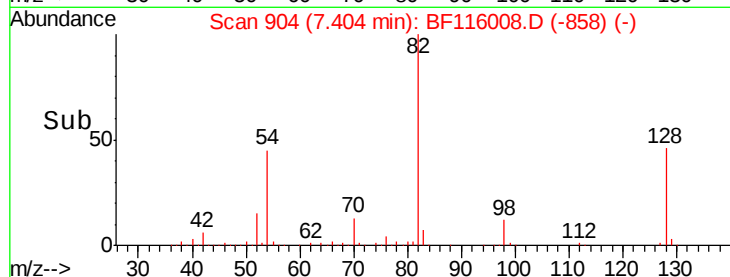
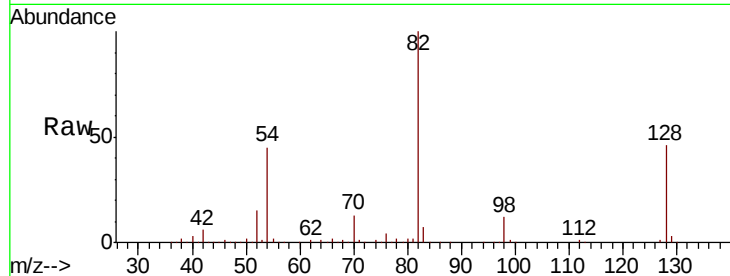
#24
 Nitrobenzene
 Concen: 0.200 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.5	53.3#
65	28.2	10.6	15.8#

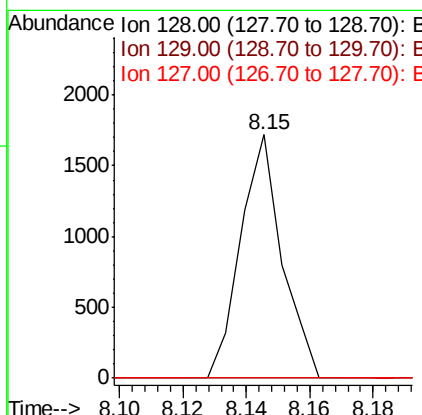
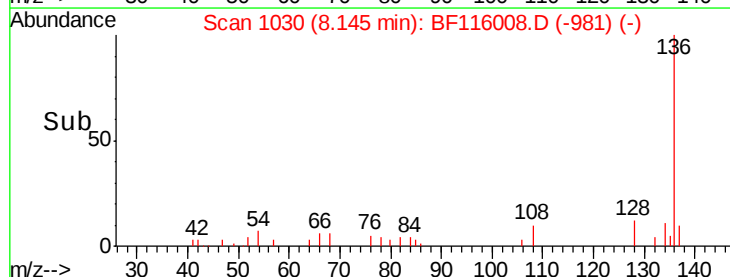
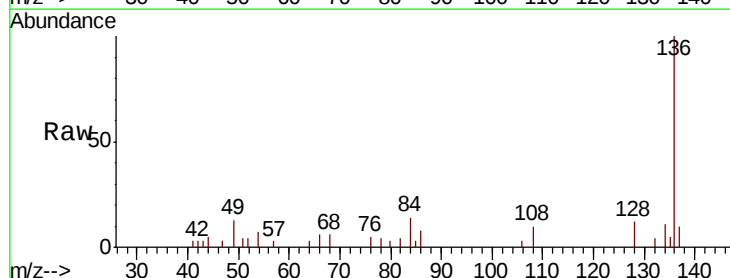
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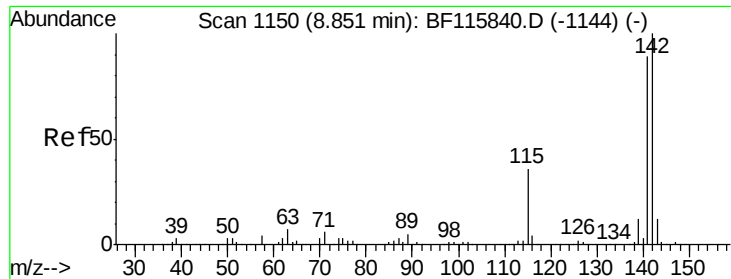
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#31
 Naphthalene
 Concen: 0.068 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.2	13.8#
127	0.0	11.0	16.4#





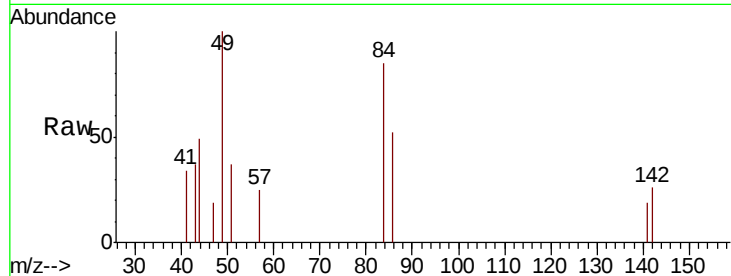
#37
 2-Methylnaphthalene
 Concen: 0.020 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
142	100		
141	71.9	71.4	107.2
115	0.0	28.9	43.3#

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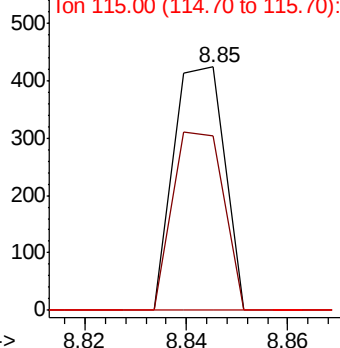


Abundance

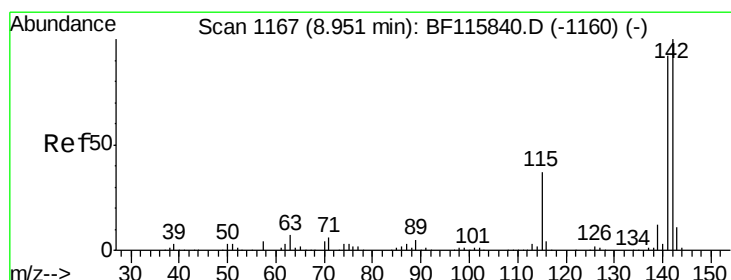
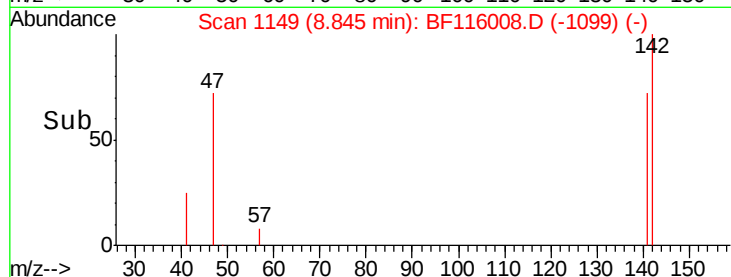
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

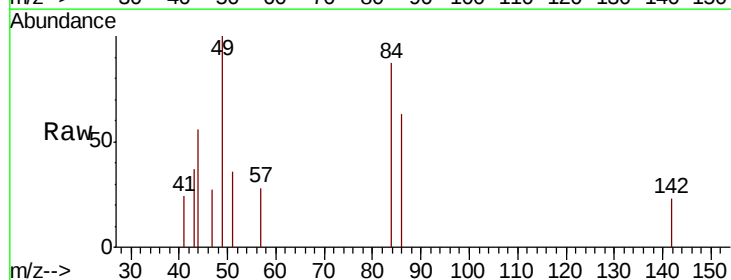


Time-->



#38
 1-Methylnaphthalene
 Concen: 0.009 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.8	110.6#
116	0.0	3.1	4.7#

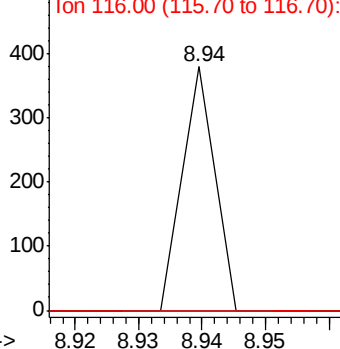


Abundance

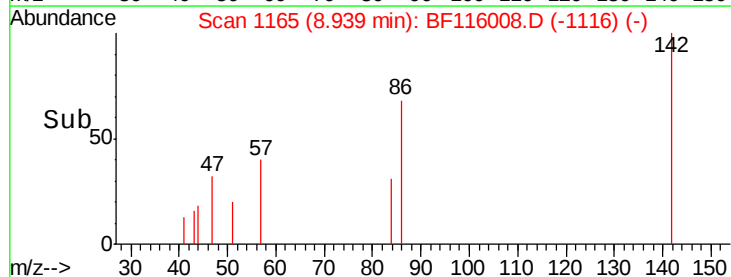
Ion 142.00 (141.70 to 142.70): E

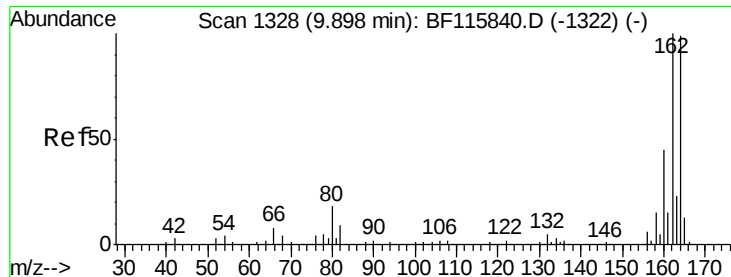
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





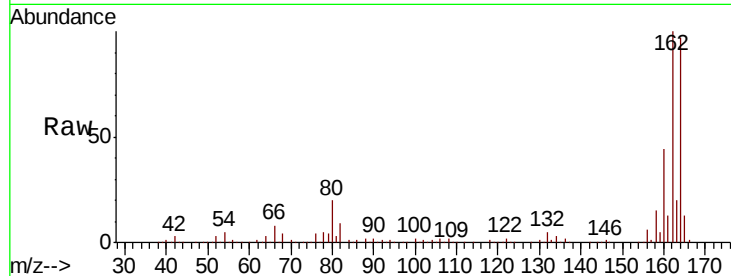
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.8	121.2
160	45.5	36.2	54.4

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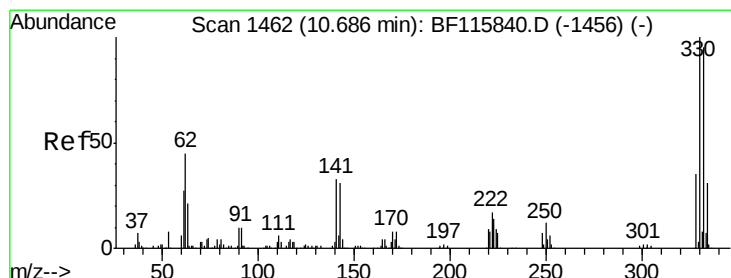
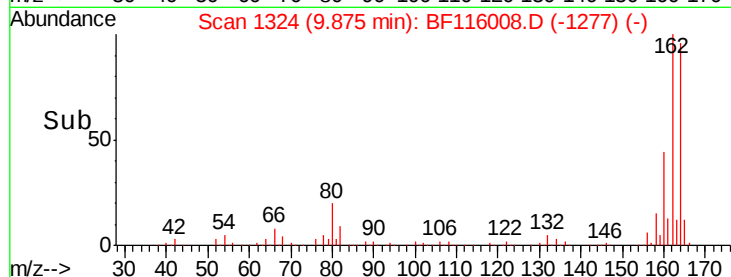
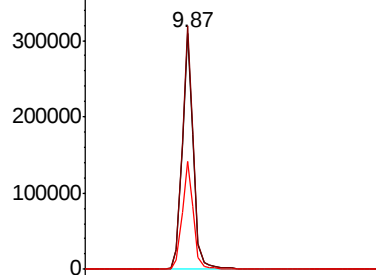


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 88.309 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

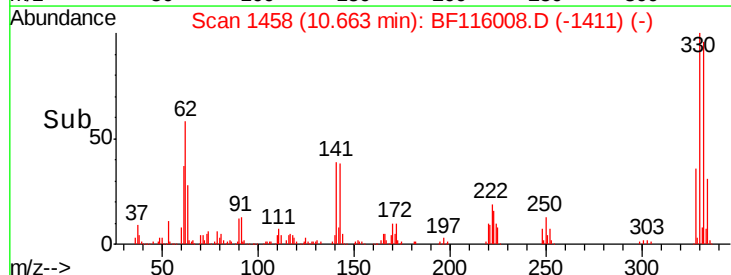
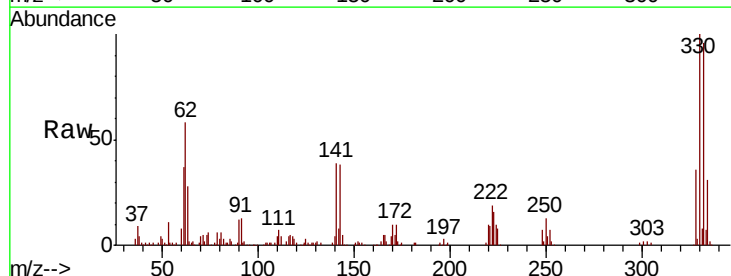
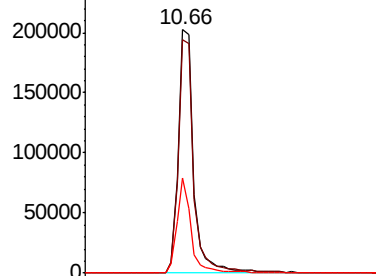
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	35.9	28.1	42.1

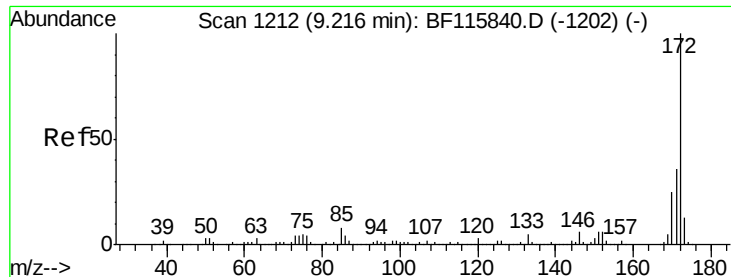
Abundance

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





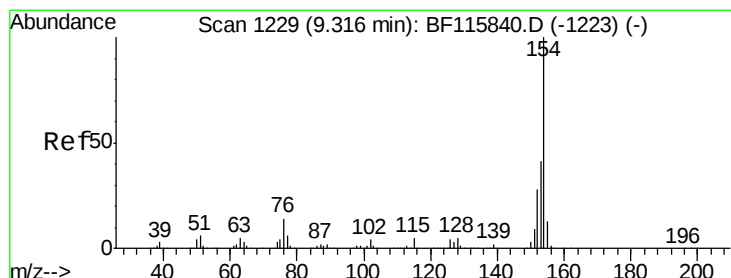
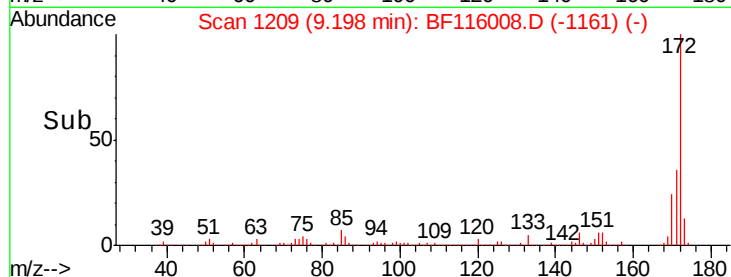
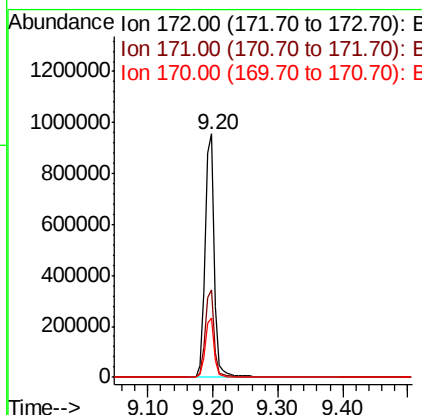
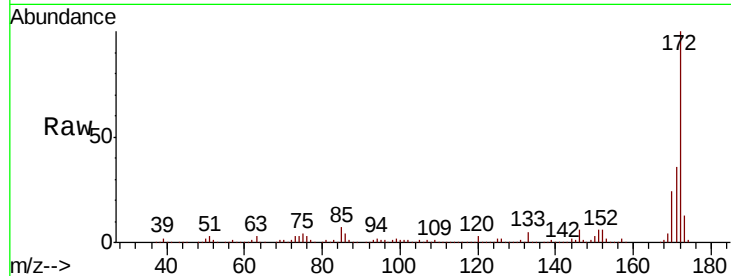
#45
2-Fluorobiphenyl
Concen: 67.862 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	942562		
171	36.0		29.1	43.7
170	24.2		20.1	30.1

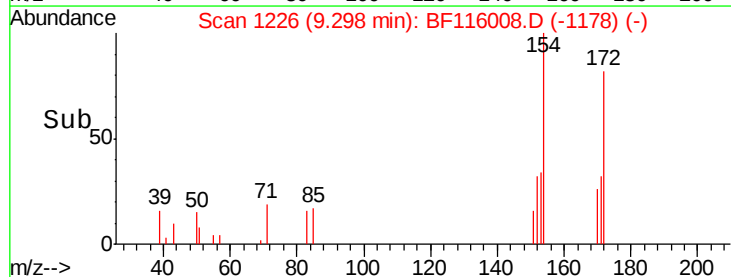
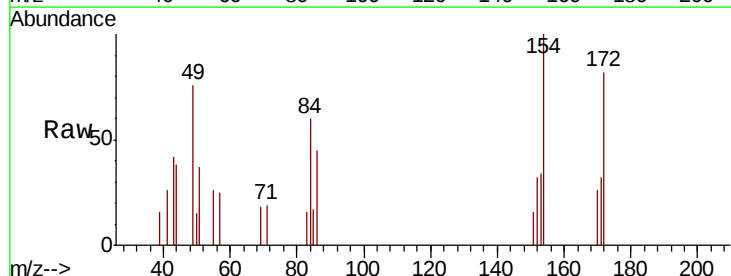
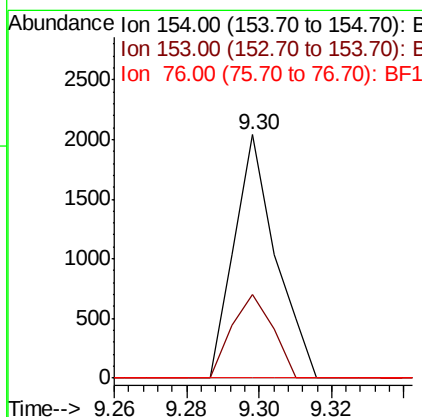
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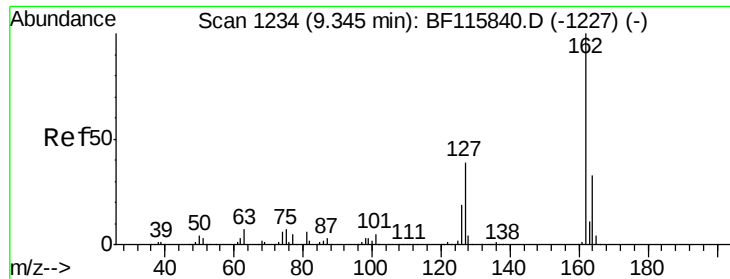
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#46
1,1'-Biphenyl
Concen: 0.088 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1625		
153	34.2		20.9	60.9
76	0.0		0.0	34.3





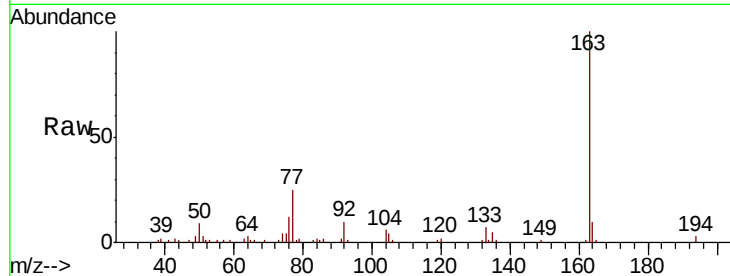
#47
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.24 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

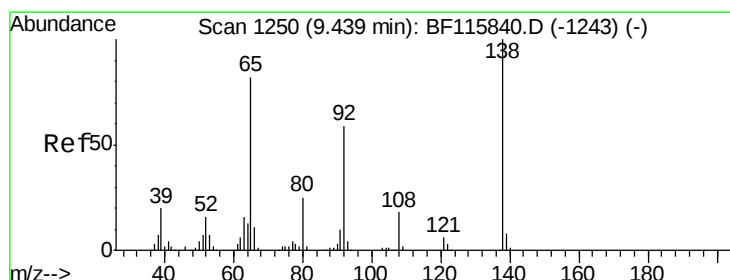
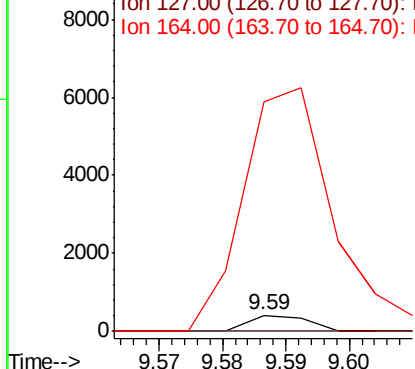
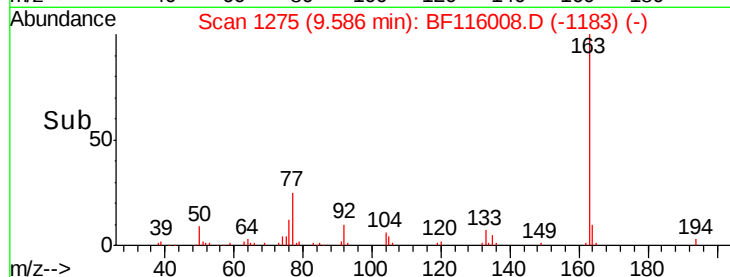
Tot Ion:162 Resp: 266
Ion Ratio Lower Upper
162 100
127 0.0 31.3 46.9#
164 1431.3 26.6 40.0#

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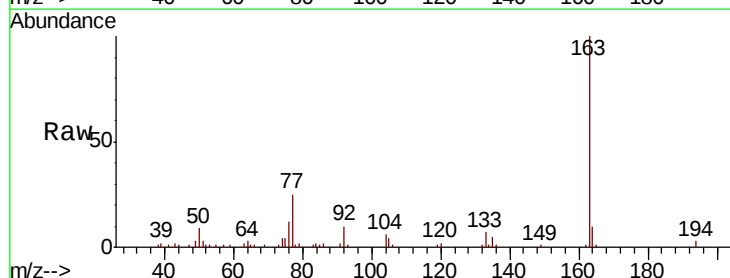


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

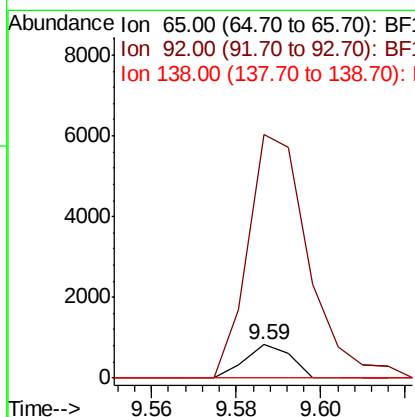
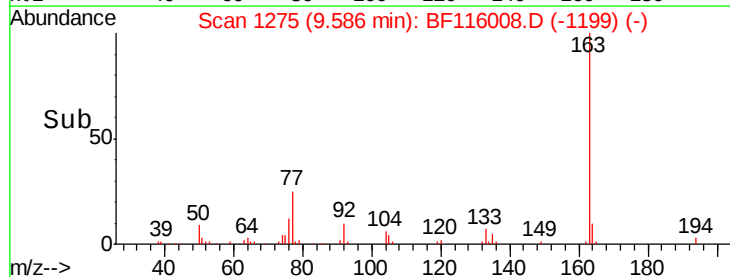


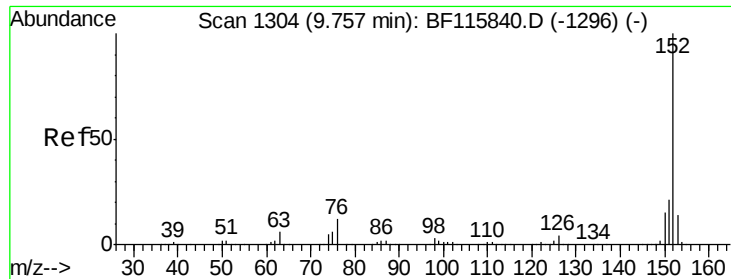
#48
2-Nitroaniline
Concen: 0.122 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.15 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion: 65 Resp: 616
Ion Ratio Lower Upper
65 100
92 730.1 57.1 85.7#
138 0.0 97.1 145.7#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





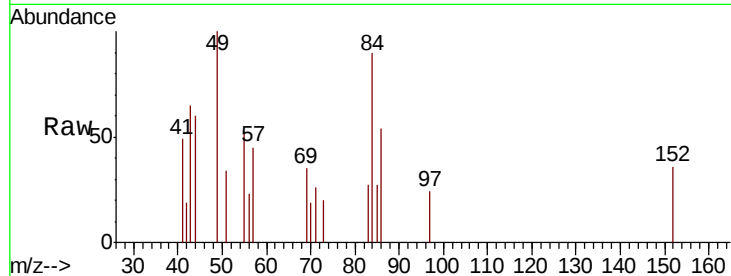
#49
Acenaphthylene
Concen: 0.022 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	0.0	11.6	17.4#

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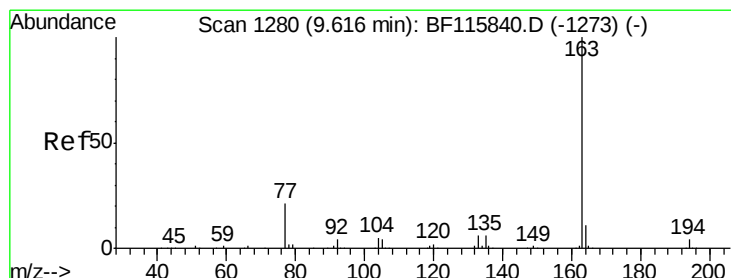
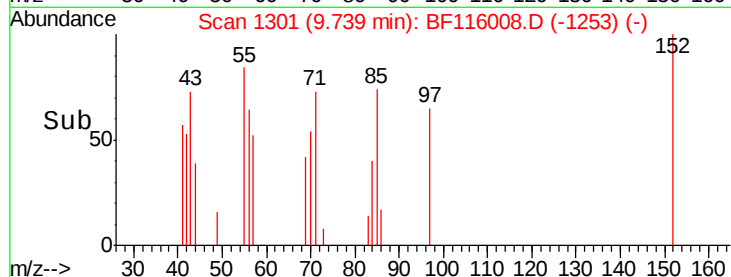
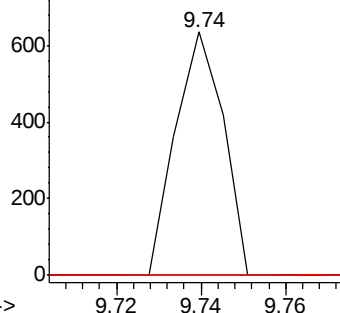


Abundance

Ion 152.00 (151.70 to 152.70): E

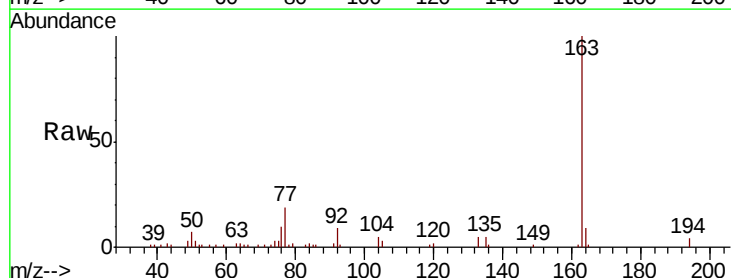
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 3.788 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.4	8.4	12.6

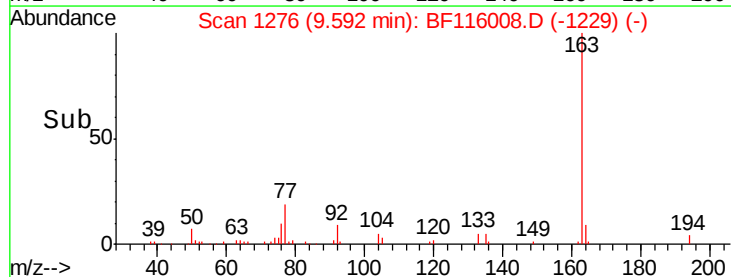
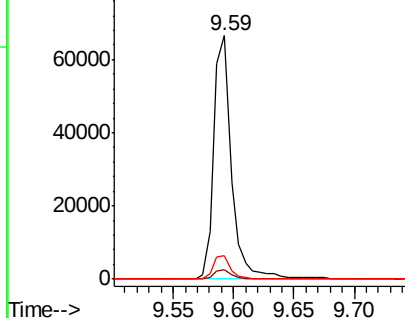


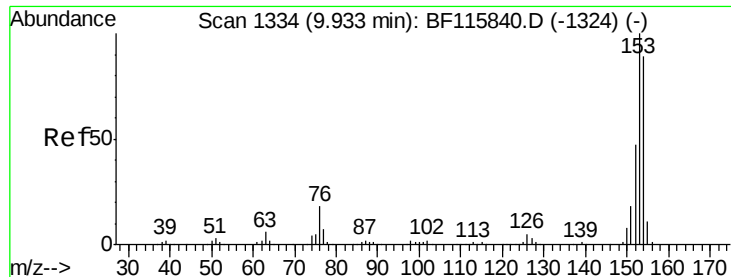
Abundance

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





#52

Acenaphthene

Concen: 0.265 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

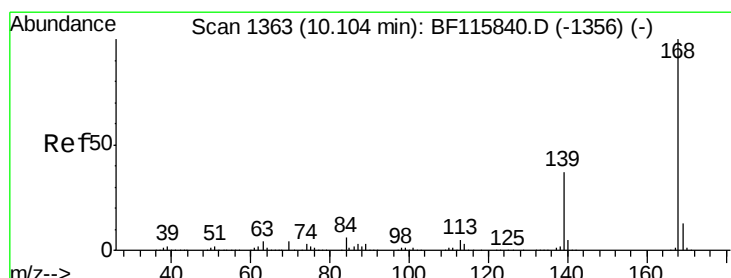
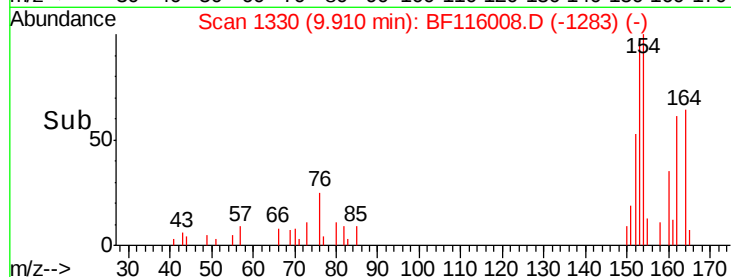
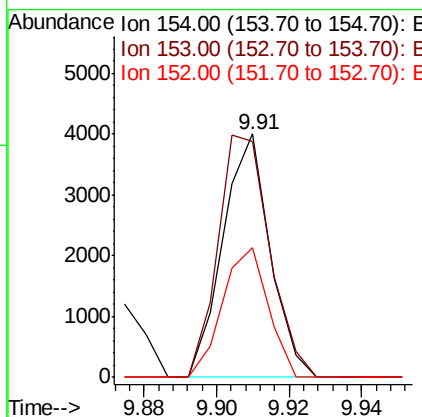
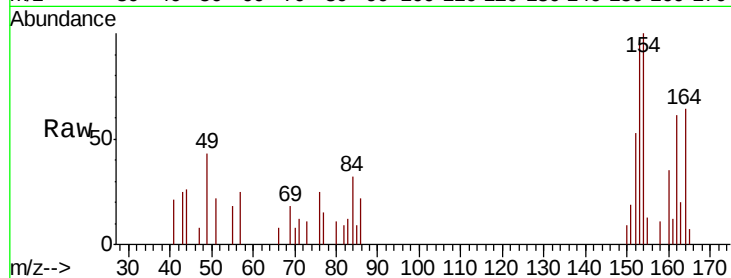
ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:	154	Resp:	3620
Ion	Ratio	Lower	Upper
154	100		
153	97.2	90.1	135.1
152	53.2	42.6	63.8

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#55

Dibenzofuran

Concen: 0.097 ng

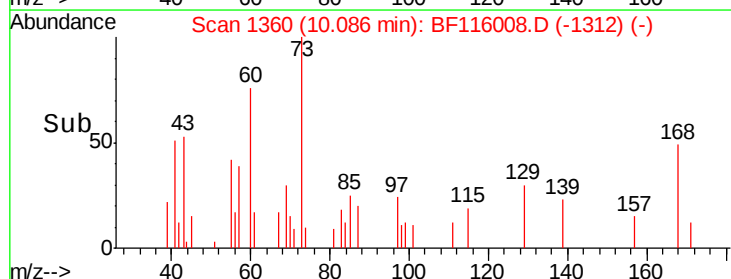
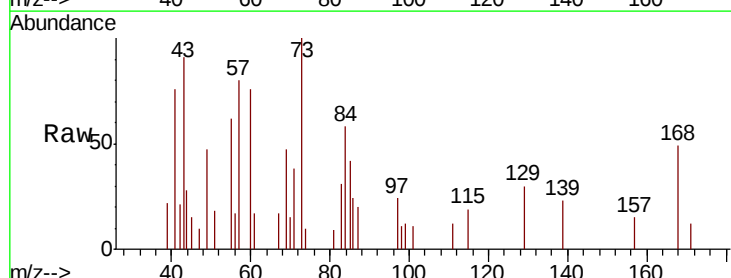
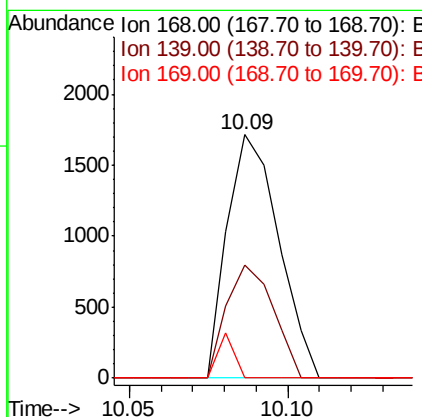
RT: 10.09 min Scan# 1360

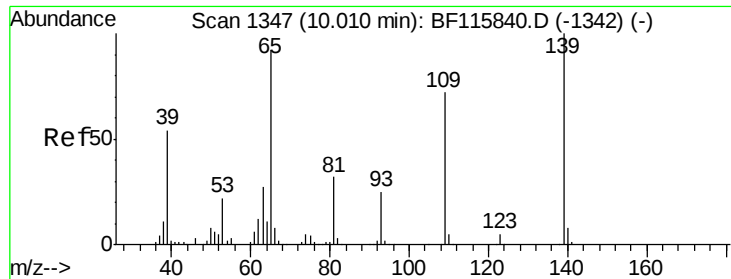
Delta R.T. -0.02 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Tgt Ion:	168	Resp:	1925
Ion	Ratio	Lower	Upper
168	100		
139	46.4	30.2	45.2#
169	0.0	10.8	16.2#





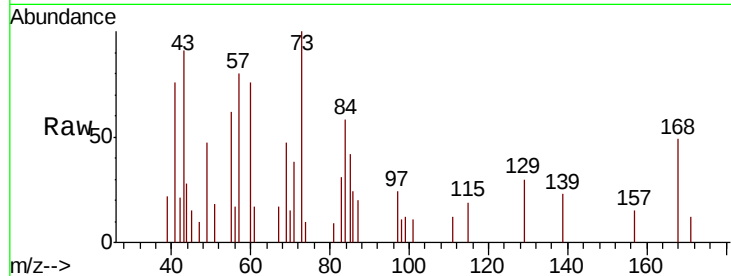
#56
4-Nitrophenol
Concen: 0.267 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.0	92.0#
65	0.0	72.6	112.6#

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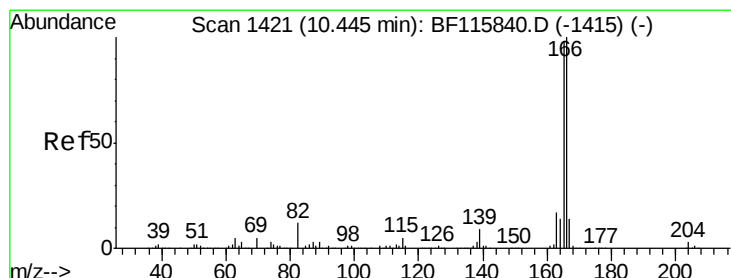
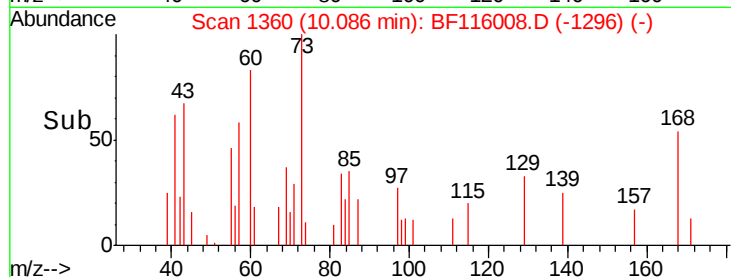
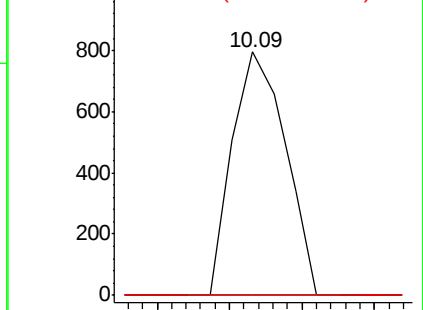


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58
Fluorene
Concen: 0.226 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

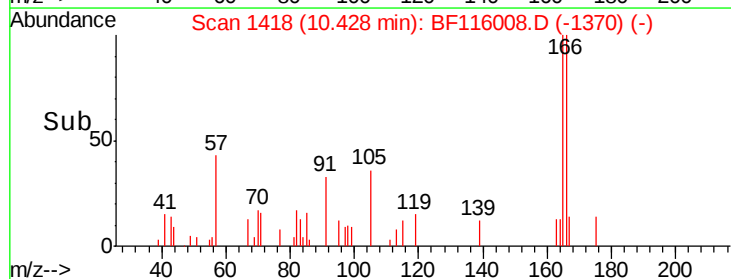
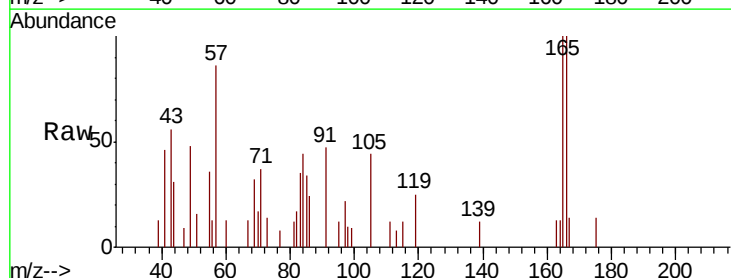
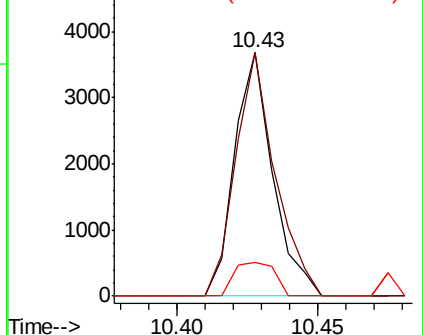
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	118.0
167	13.7	10.9	16.3

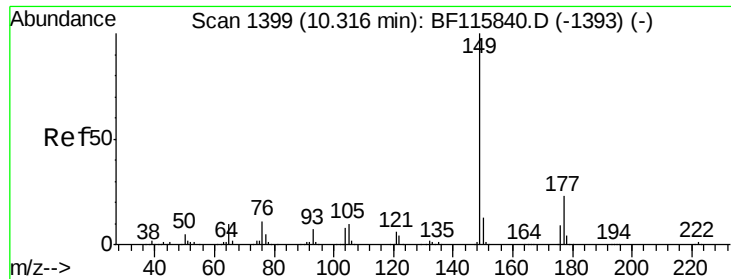
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





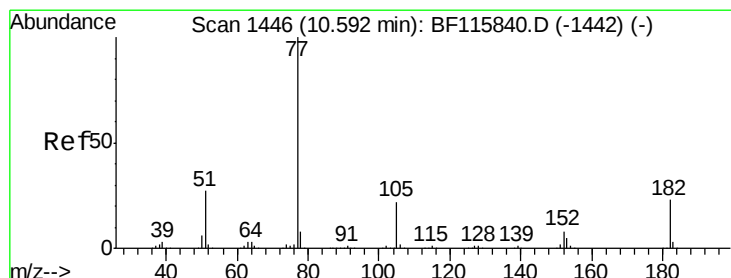
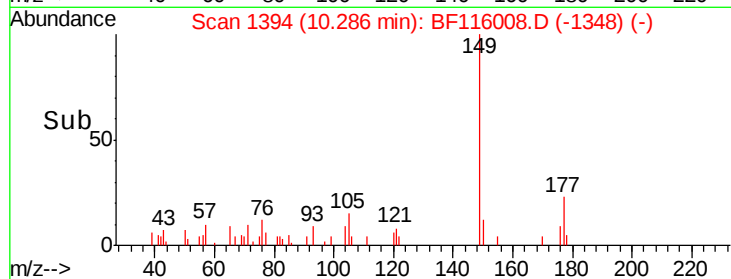
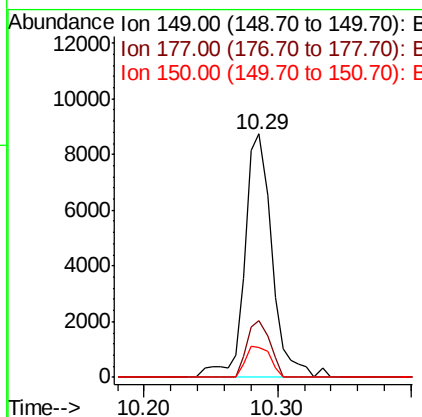
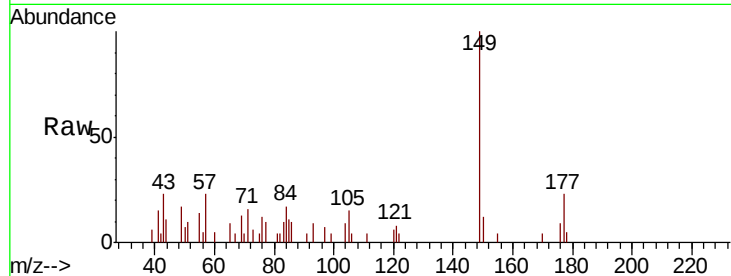
#60
Diethylphthalate
Concen: 0.744 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.4	10.1	15.1

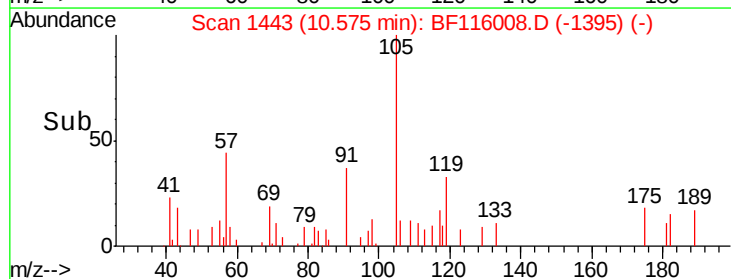
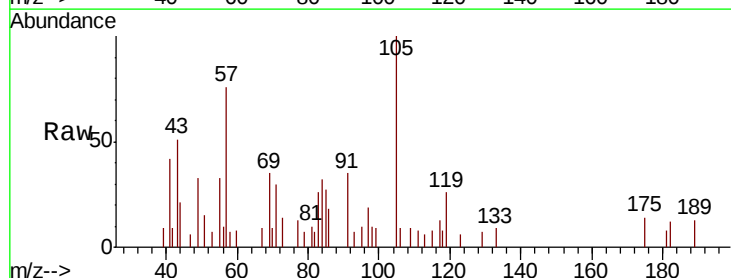
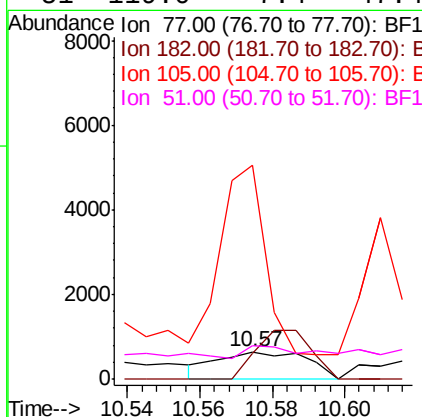
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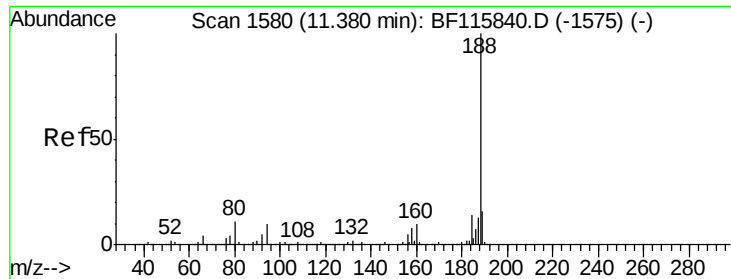
mohammad
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#63
Azobenzene
Concen: 0.065 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	91.2	2.6	42.6#
105	775.6	1.6	41.6#
51	119.0	7.4	47.4#





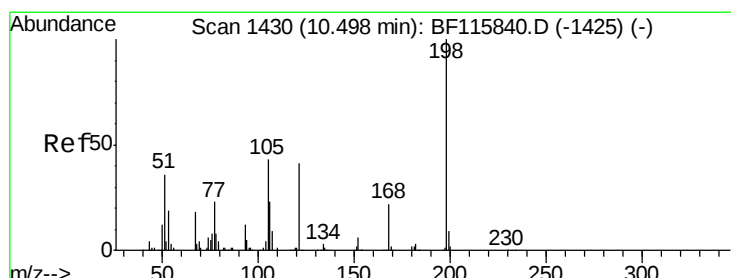
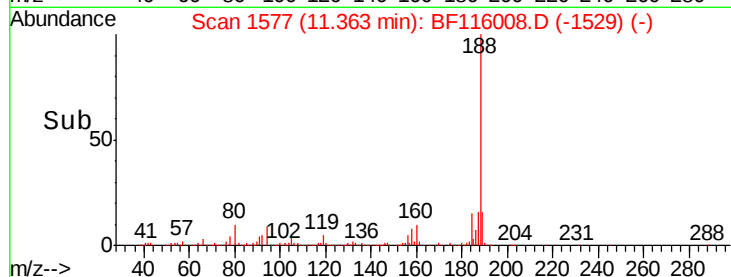
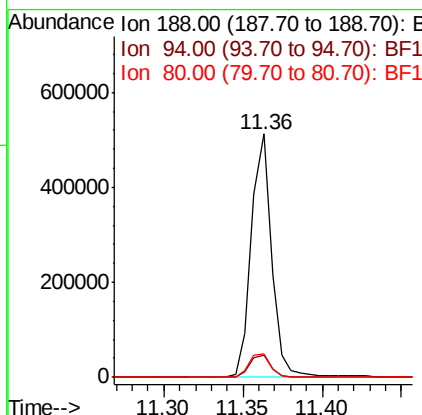
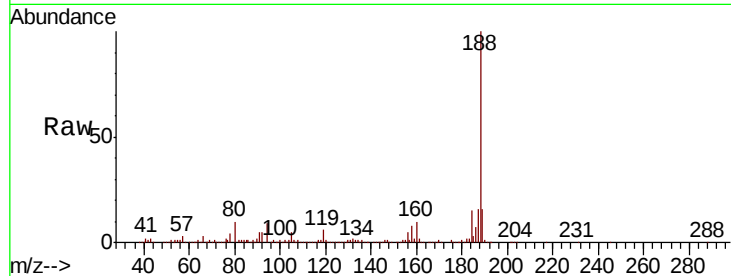
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	457476		
94	9.2		8.0	12.0
80	9.8		8.6	12.8

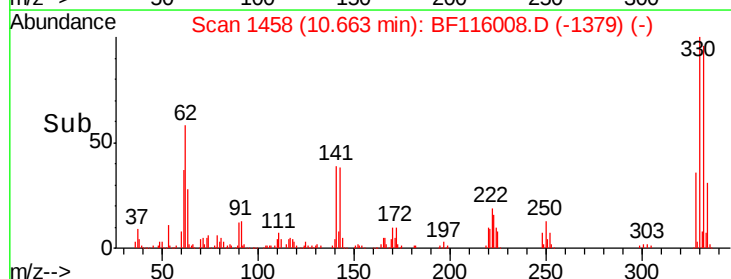
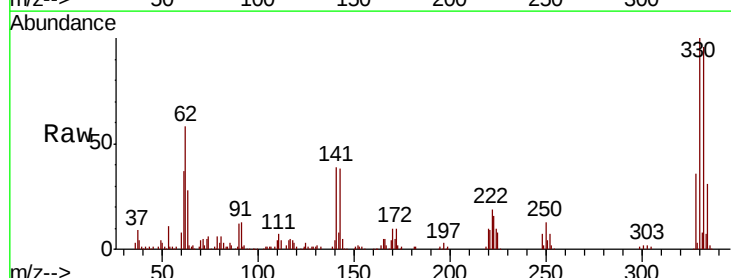
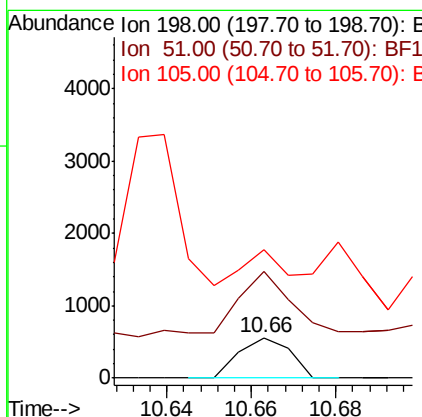
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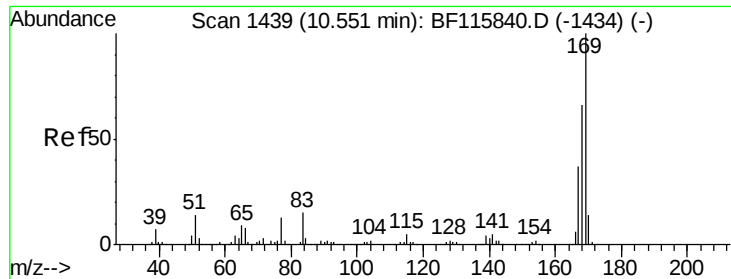
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#65
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.16 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	471		
51	262.3		21.1	61.1#
105	316.5		24.5	64.5#





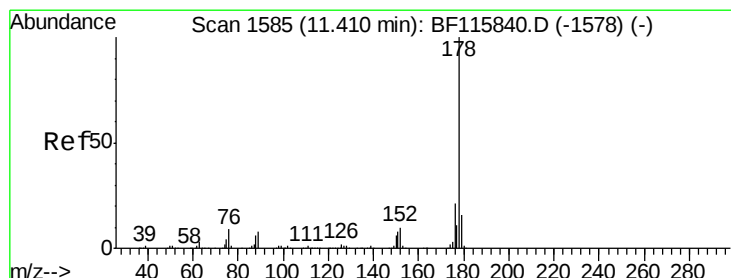
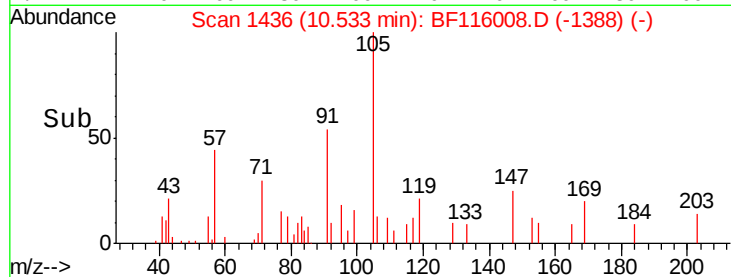
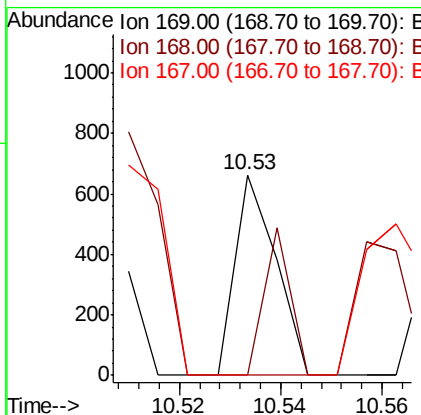
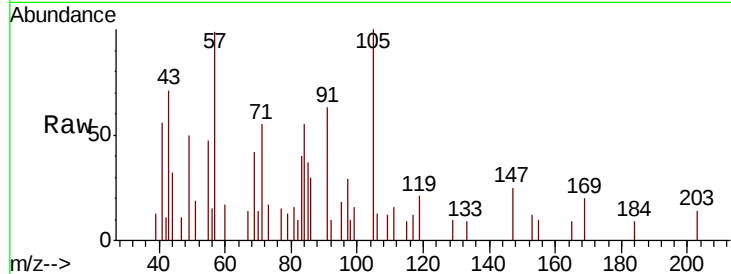
#66
 n-Nitrosodiphenylamine
 Concen: 0.027 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.0	79.6#
167	0.0	29.9	44.9#

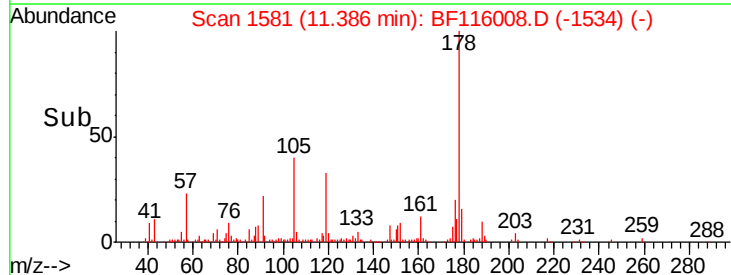
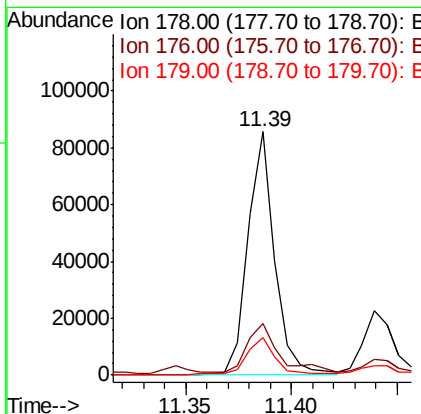
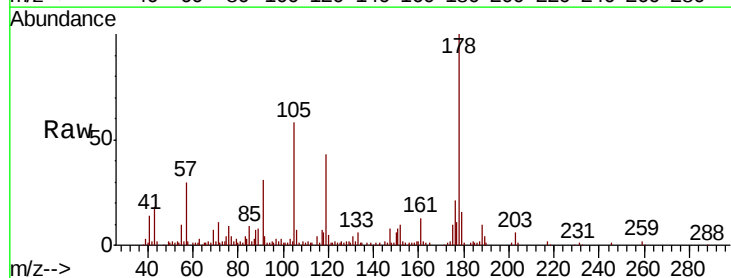
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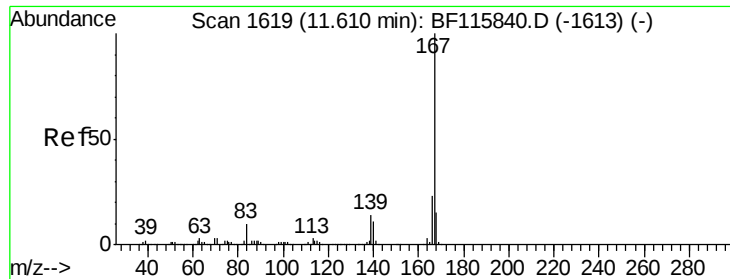
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#71
 Phenanthrene
 Concen: 3.230 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.5	24.7
179	15.6	12.6	18.8





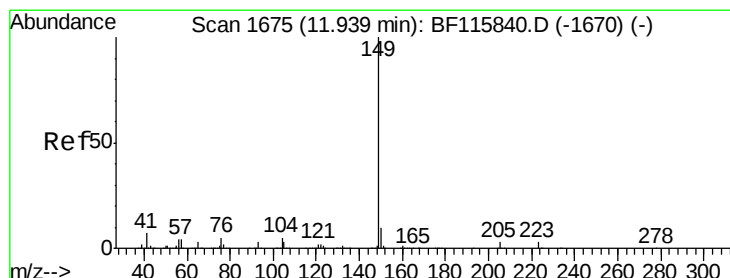
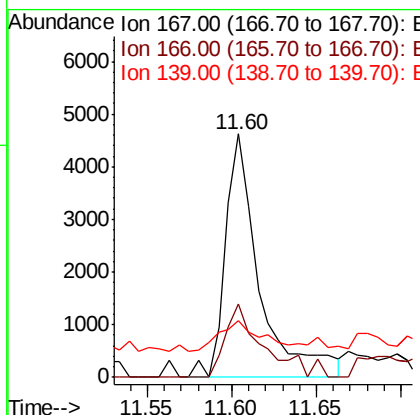
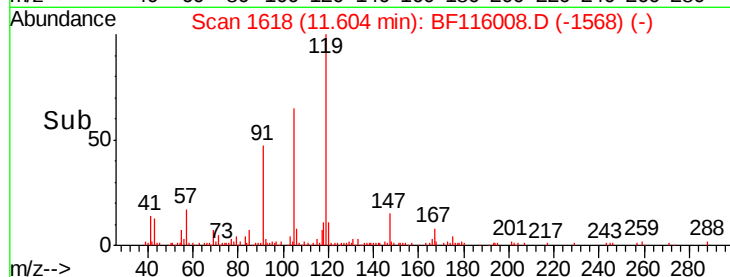
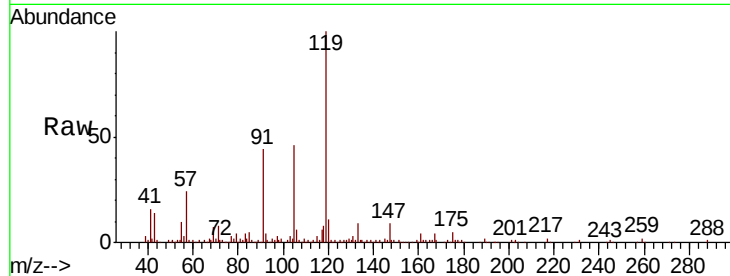
#73
 Carbazole
 Concen: 0.301 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
167	100		
166	30.3	18.0	27.0#
139	23.0	11.4	17.2#

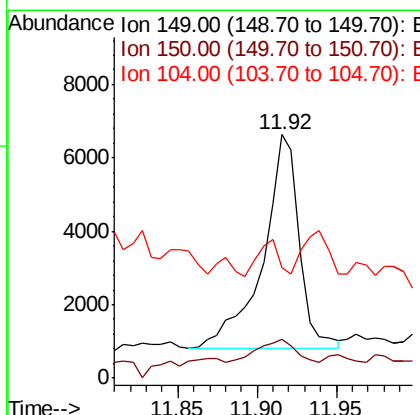
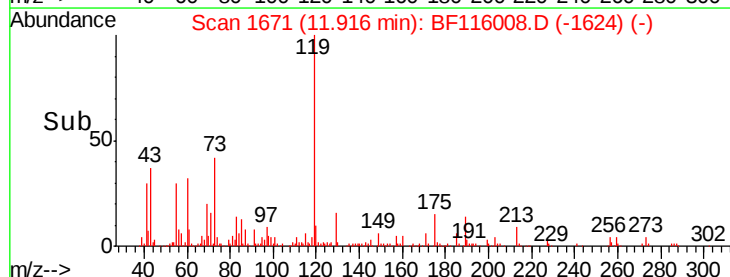
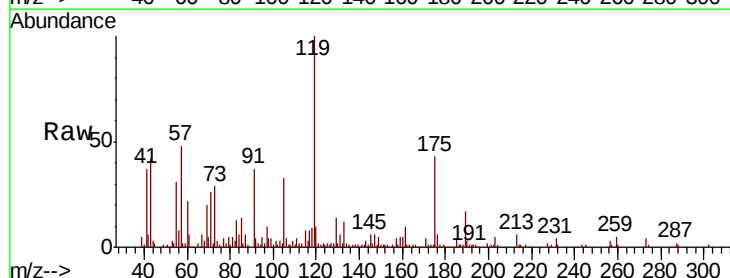
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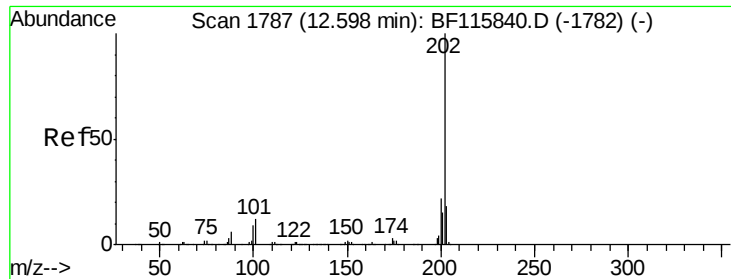
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#74
 Di-n-butylphthalate
 Concen: 0.366 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	15.8	7.7	11.5#
104	45.4	4.3	6.5#





#75

Fluoranthene

Concen: 7.784 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

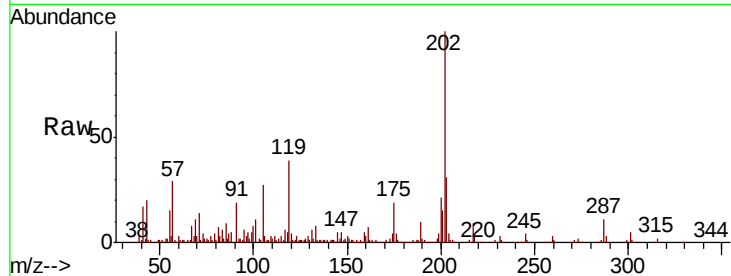
ClientSampleId :

1S-C1-C4-COMP-(0-1)

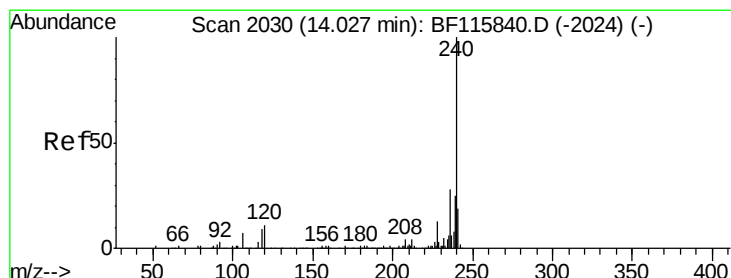
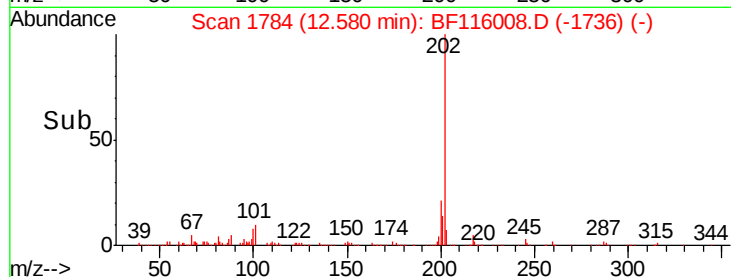
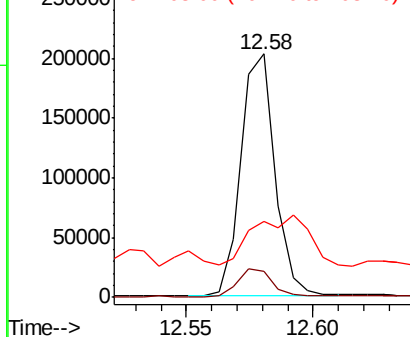
Tot Ion	Ratio	Resp	Lower	Upper
202	100	190584		
101	10.6	0.0	31.5	
203	31.3	0.0	37.9	

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



#76

Chrysene-d12

Concen: 20.000 ng

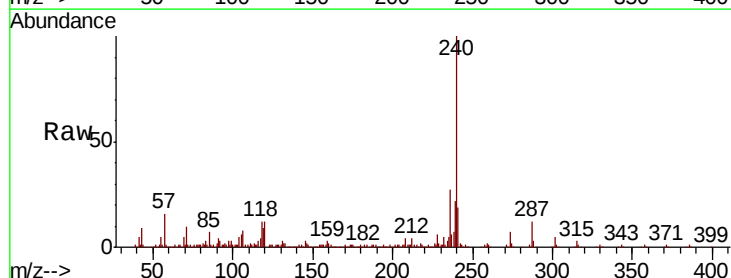
RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

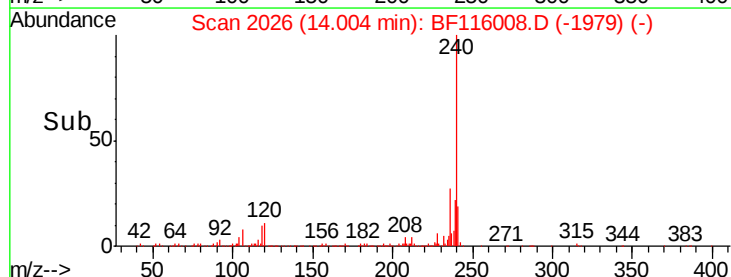
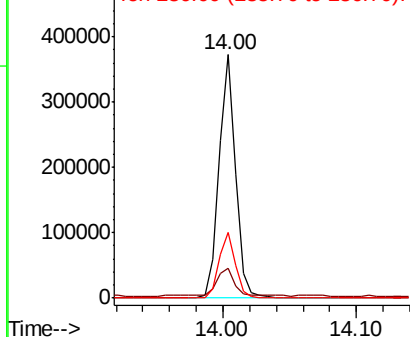
Lab File: BF116008.D

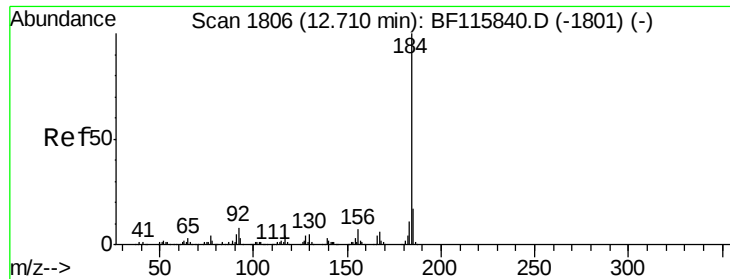
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	326566		
120	12.1	8.5	12.7	
236	26.8	22.2	33.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.094 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:184 Resp: 1036

Ion Ratio Lower Upper

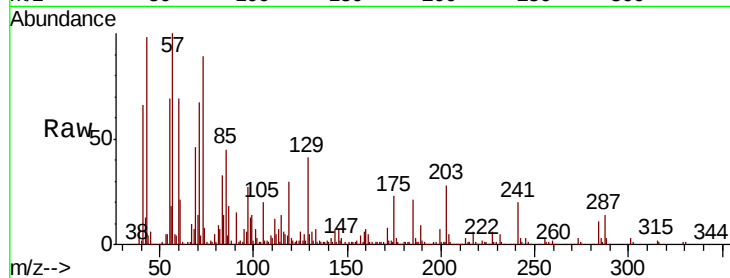
184 100

185 7993.5 13.4 20.2

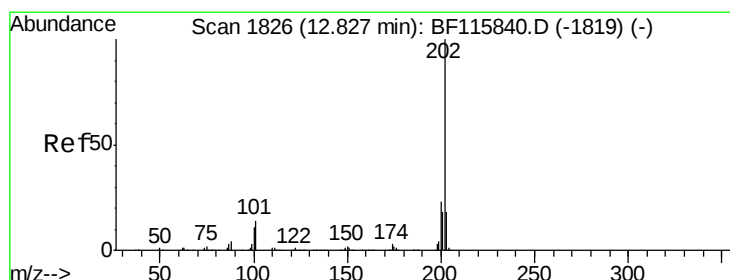
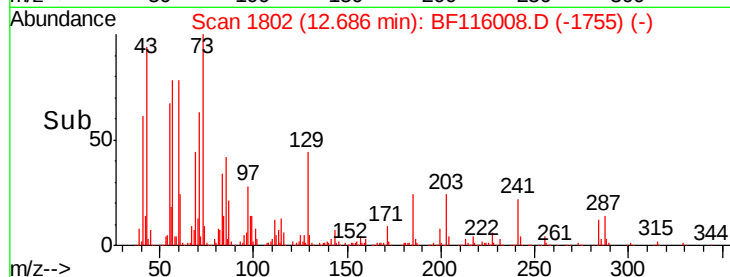
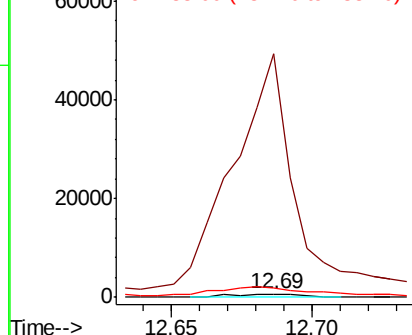
183 329.2 9.1 13.7

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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: 6.754 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

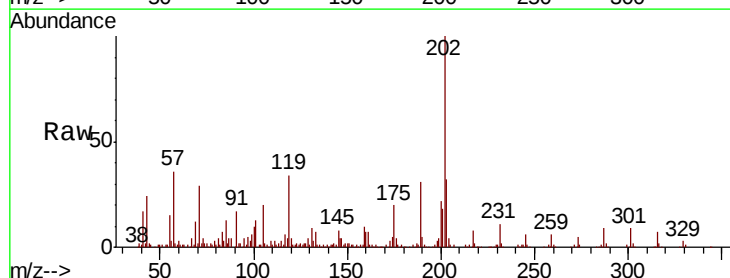
Tgt Ion:202 Resp: 166259

Ion Ratio Lower Upper

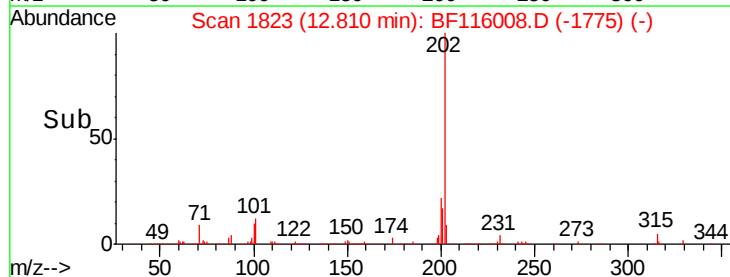
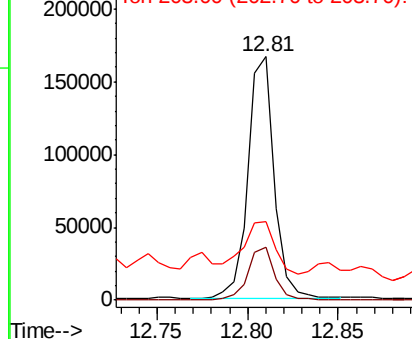
202 100

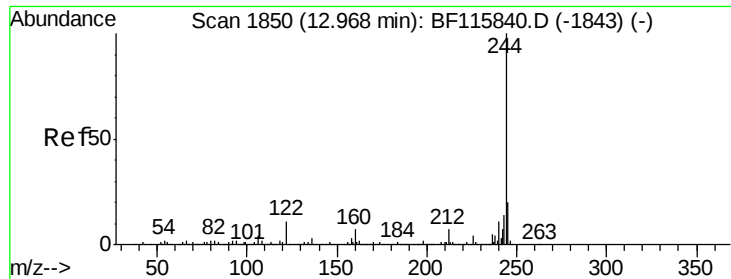
200 21.6 18.2 27.2

203 32.2 14.3 21.5



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





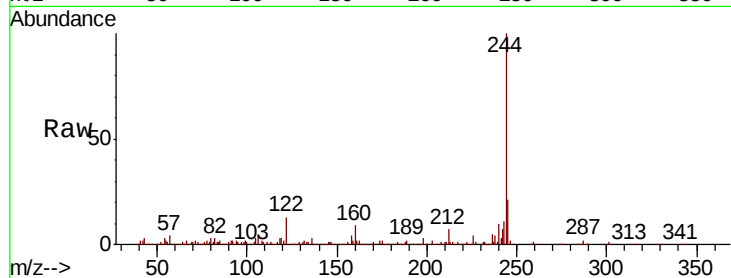
#79
 Terphenyl-d14
 Concen: 65.795 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

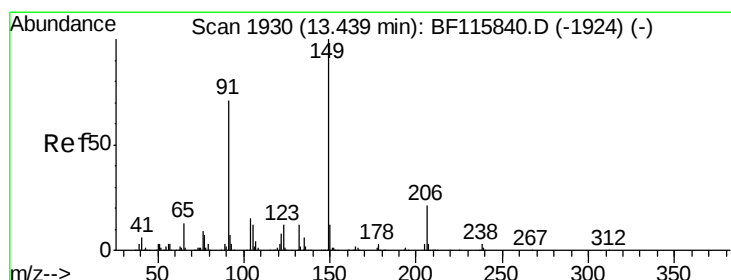
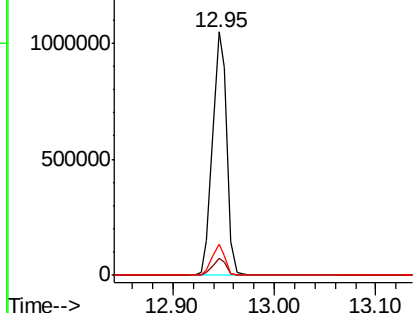
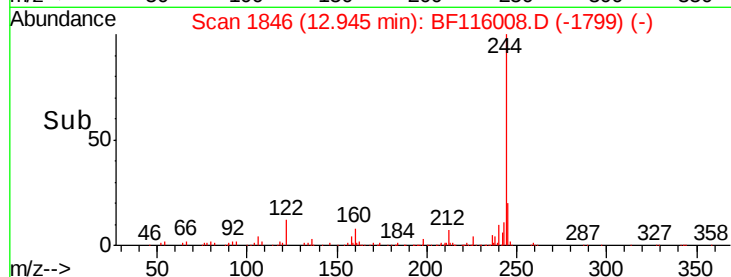
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.6	8.6	13.0

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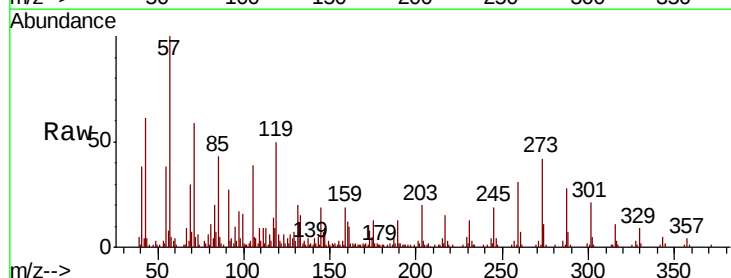


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

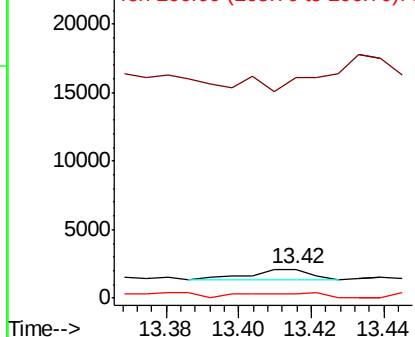
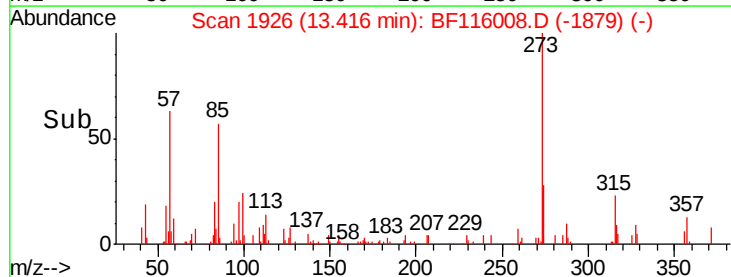


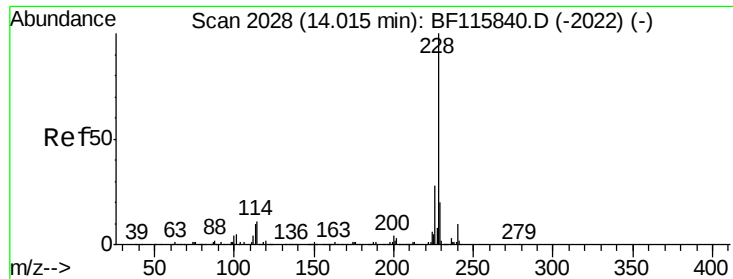
#80
 Butylbenzylphthalate
 Concen: 0.088 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	769.3	57.0	85.6#
206	16.3	16.9	25.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





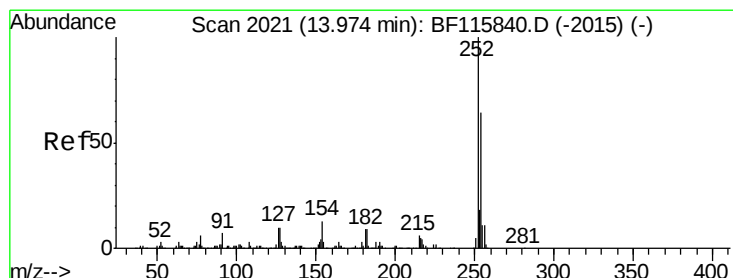
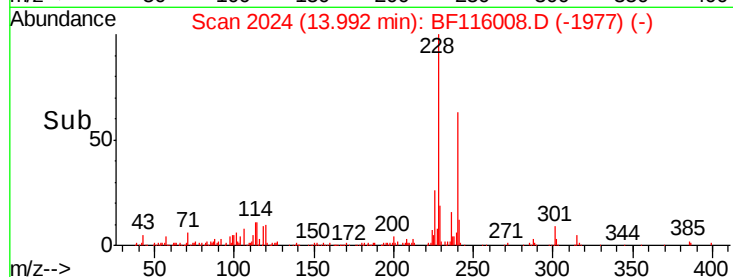
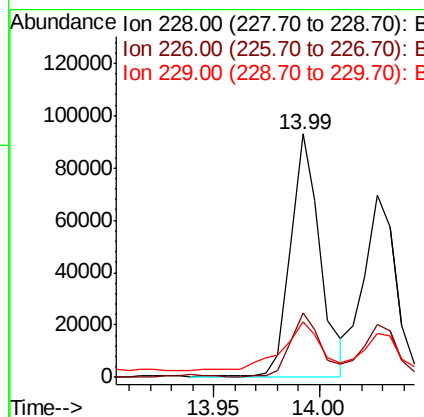
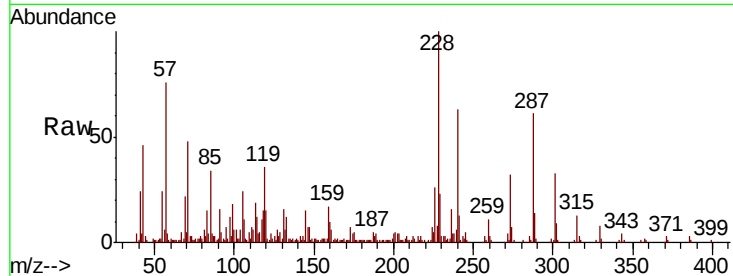
#81
Benzo(a)anthracene
Concen: 4.324 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.5	33.7
229	22.8	16.1	24.1

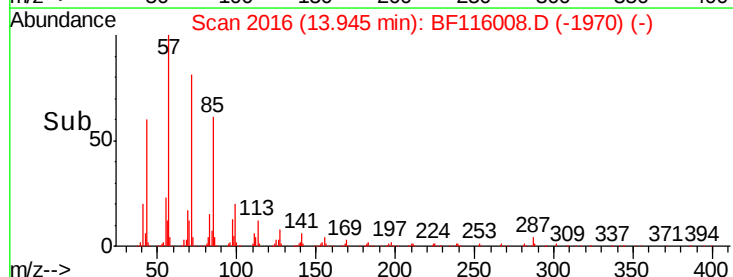
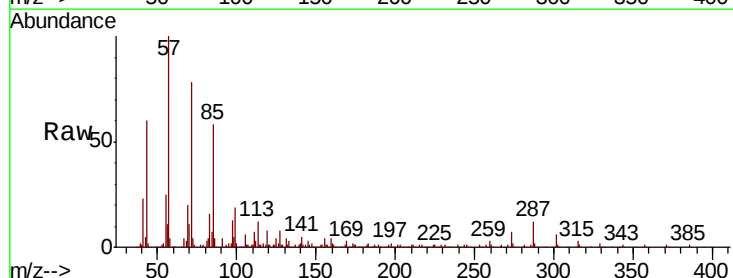
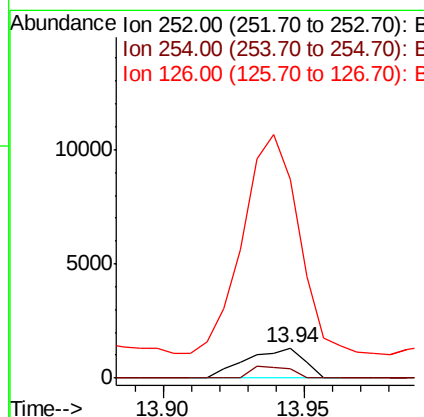
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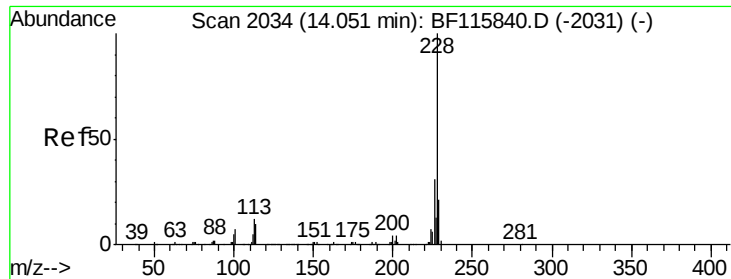
mohammad
8/7/2019 4:41:43 PM



#82
3,3'-Dichlorobenzidine
Concen: 0.255 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	33.3	51.2	76.8#
126	665.9	8.1	12.1#





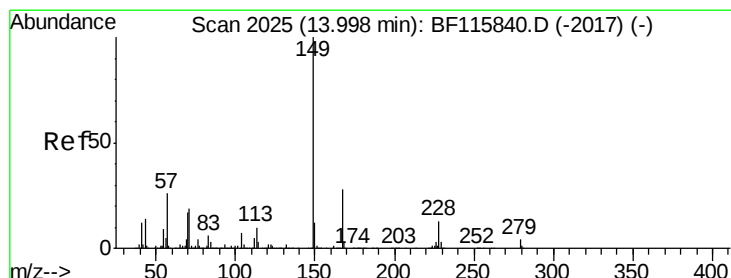
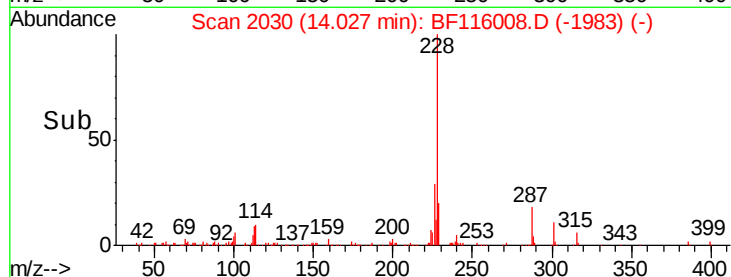
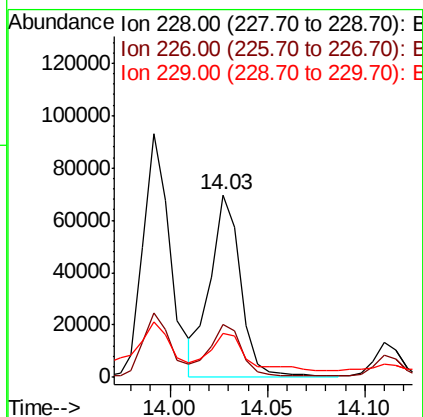
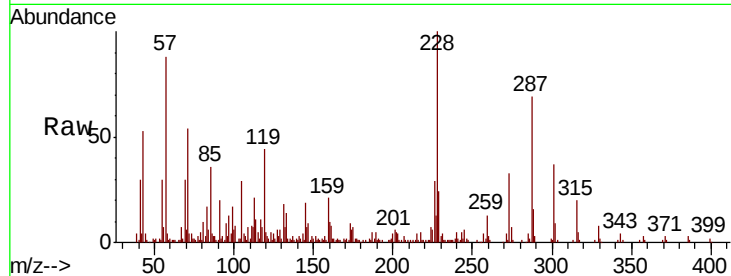
#83
 Chrysene
 Concen: 3.702 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.8	37.2
229	24.1	16.4	24.6

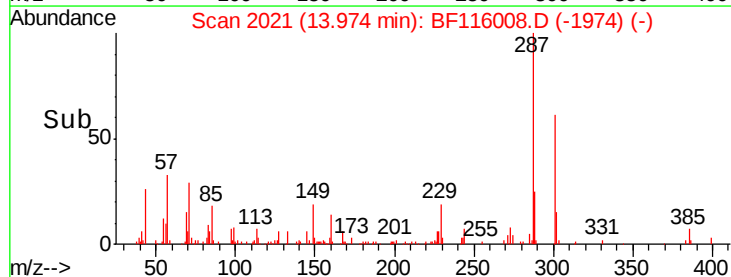
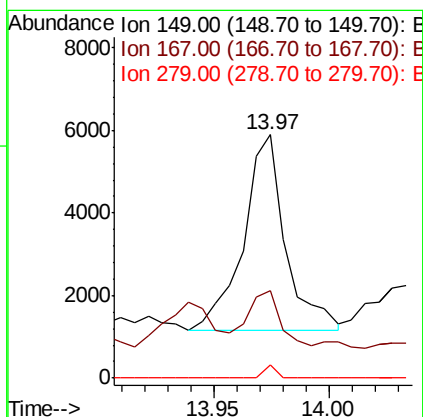
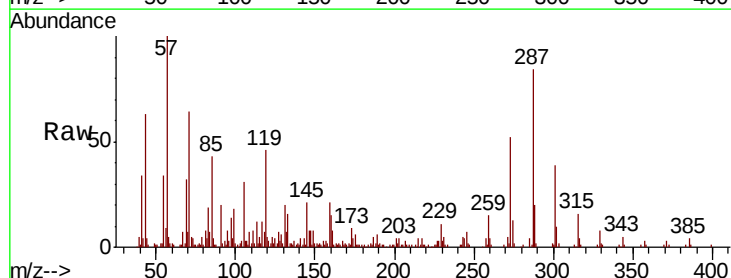
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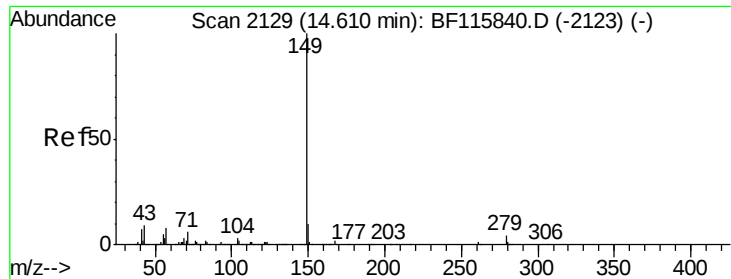
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.448 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	36.0	22.4	33.6#
279	5.2	3.3	4.9#





#85

Di-n-octyl phthalate

Concen: 0.025 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.04 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Instrument :

BNA_F

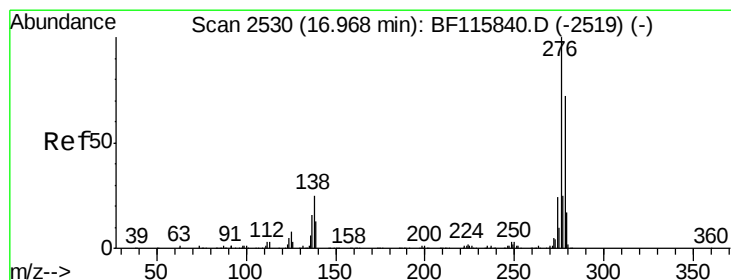
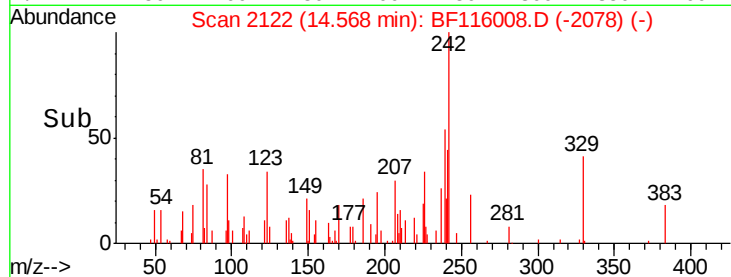
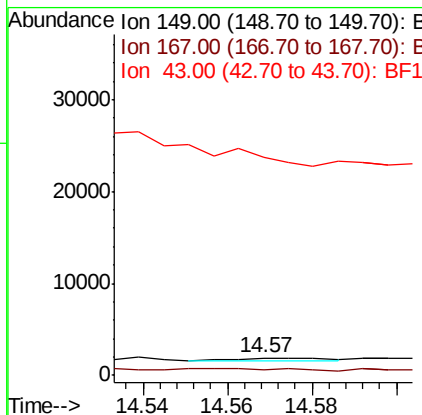
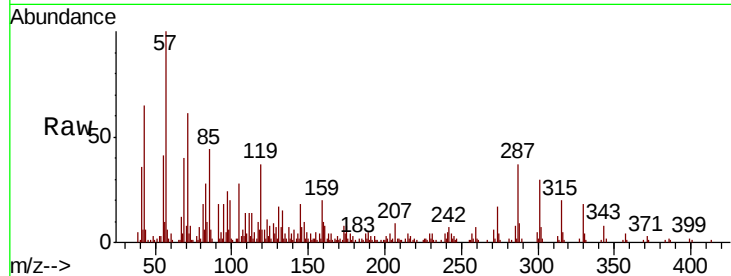
ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:	149	Resp:	527
Ion Ratio	Lower	Upper	
149	100		
167	75.3	1.2	1.8#
43	0.0	7.4	11.0#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.715 ng

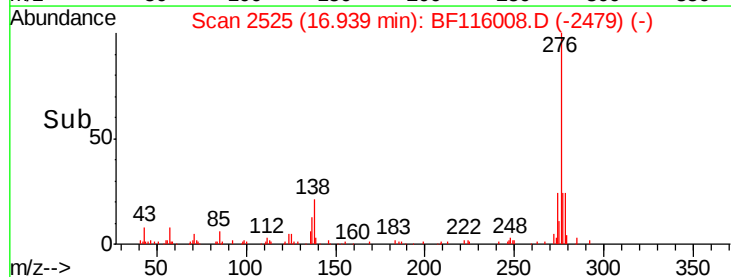
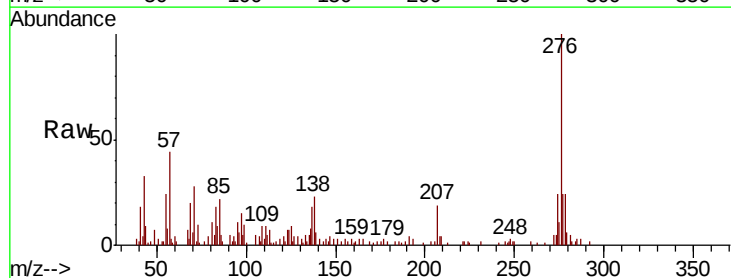
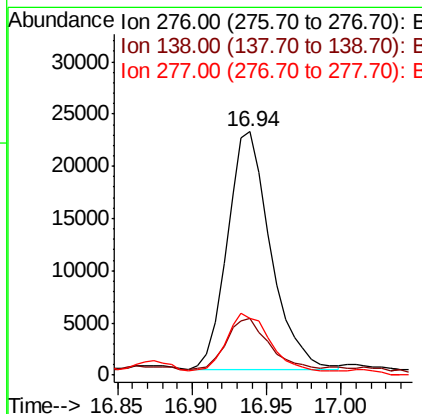
RT: 16.94 min Scan# 2525

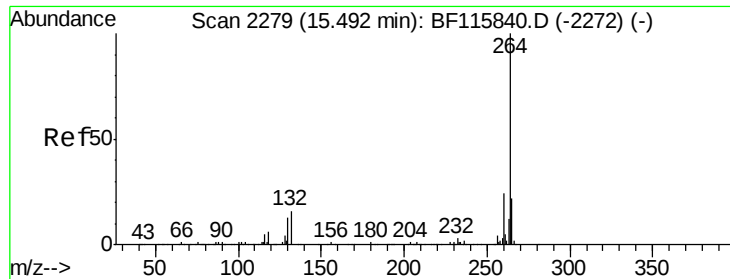
Delta R.T. -0.03 min

Lab File: BF116008.D

Acq: 6 Aug 2019 13:02

Tgt Ion:	276	Resp:	46202
Ion Ratio	Lower	Upper	
276	100		
138	21.5	19.6	29.4
277	25.0	20.1	30.1





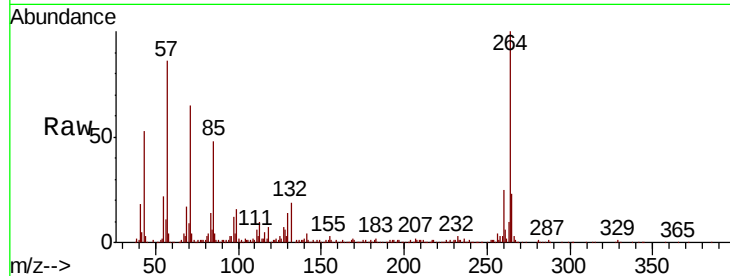
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	23.0	17.5	26.3

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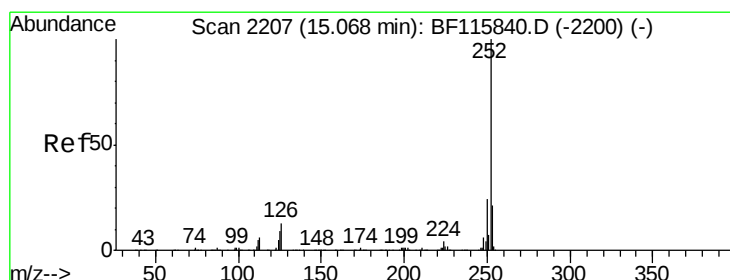
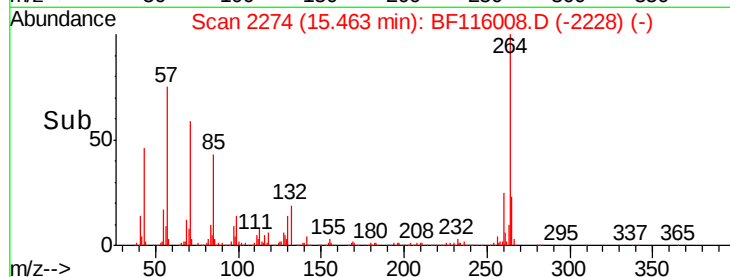
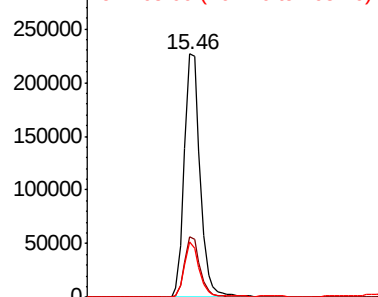


Abundance

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: 5.401 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

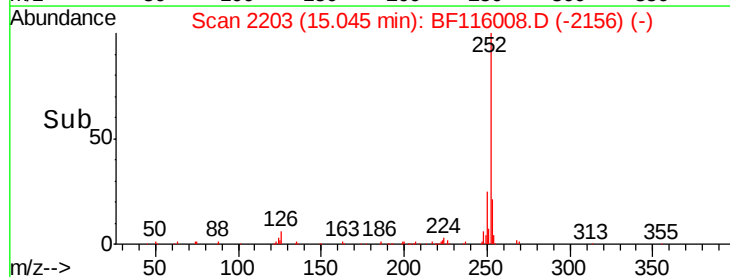
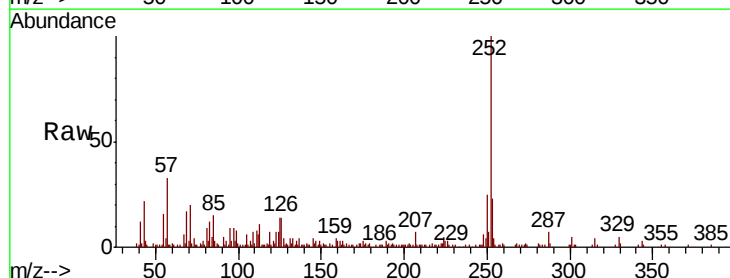
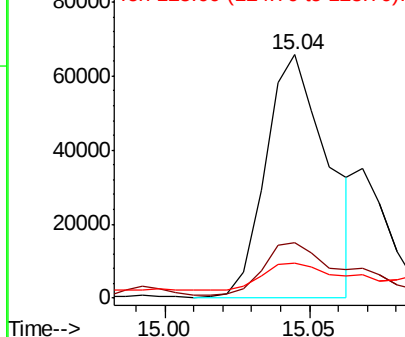
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	14.3	7.4	11.0

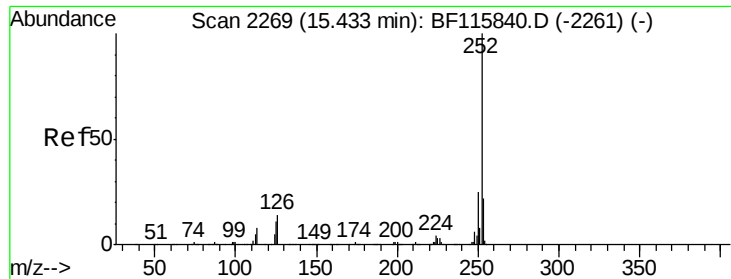
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





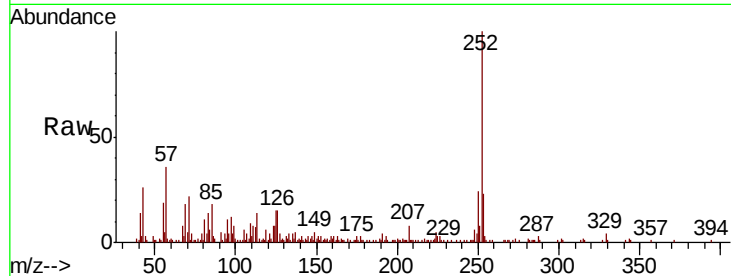
#90
Benzo(a)pyrene
Concen: 4.266 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	14.6	8.8	13.2

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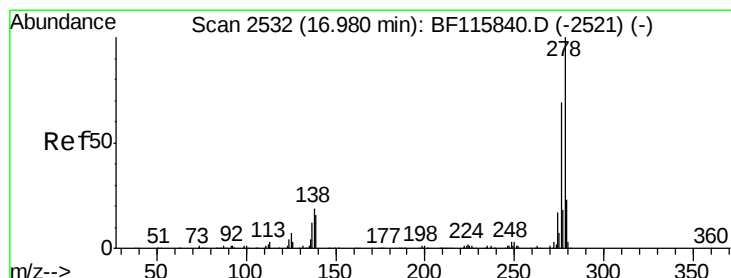
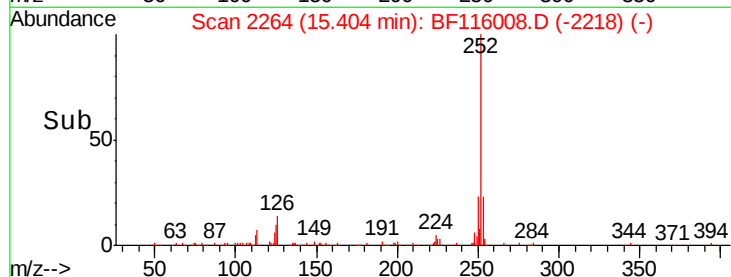
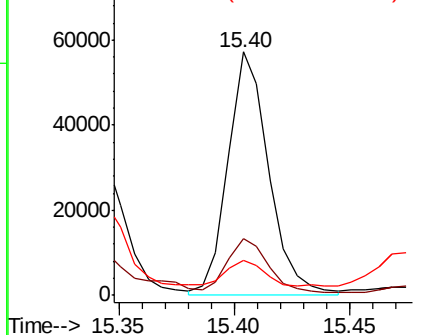


Abundance

Ion 252.00 (251.70 to 252.70): E

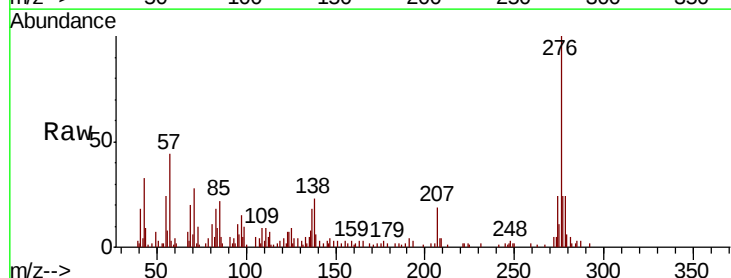
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 0.855 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.4	12.6	19.0
279	25.1	18.8	28.2

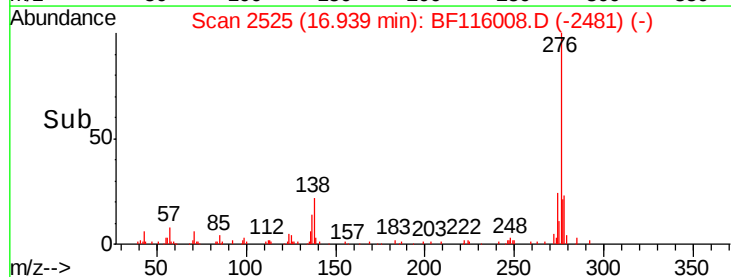
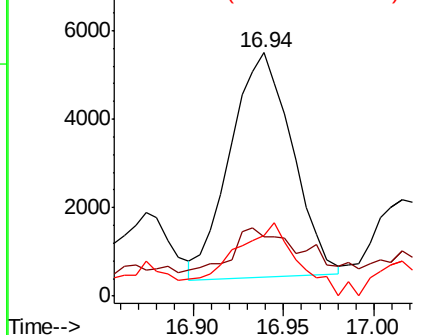


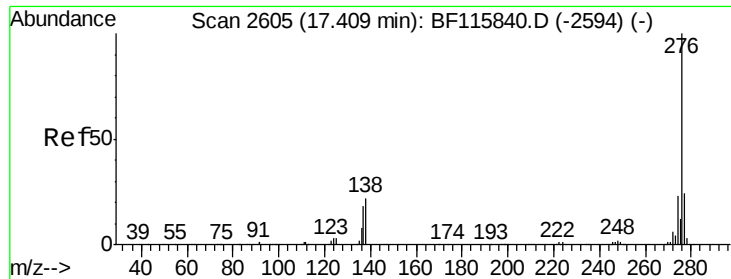
Abundance

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(a,h,i)perylene
 Concen: 3.329 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. -0.04 min
 Lab File: BF116008.D
 Acq: 6 Aug 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion:	276	Resp:	46341
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.5	29.3
138	25.6	17.8	26.8

Manual Integrations
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