

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
 Data File : BE101122.D
 Acq On : 22 Jan 2020 19:45
 Operator : CG/JU
 Sample : L1179-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-19

Manual Integrations
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Quant Time: Jan 23 10:15:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3311	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	15543	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	22109	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	20573	0.40	ng	0.00
27) Chrysene-d12	21.28	240	18049	0.40	ng	0.00
34) Perylene-d12	23.70	264	20033	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	20118	2.70	ng	-0.02
5) Phenol-d6	6.92	99	3212	0.34	ng	0.00
8) Nitrobenzene-d5	8.86	82	3102m	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	8643	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	1598	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	11238	0.13	ng	-0.01
25) Fluoranthene-d10	19.15	212	76891	0.27	ng	0.02
29) Terphenyl-d14	19.73	244	16014	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1167	0.032	ng	# 1
9) Naphthalene	10.56	128	63516692	368.033	ng	# 90
12) 2-Methylnaphthalene	12.17	142	920661	35.267	ng	# 99
16) Acenaphthylene	14.08	152	42390	0.471	ng	# 90
17) Acenaphthene	14.41	154	104958	1.629	ng	# 95
18) Fluorene	15.39	166	680363	8.351	ng	# 99
23) Phenanthrene	17.13	178	747927	13.313	ng	# 98
24) Anthracene	17.23	178	98594m	1.860	ng	# 99
26) Fluoranthene	19.18	202	125183	1.779	ng	# 100
28) Pylene	19.53	202	75765	1.128	ng	# 95
30) Benzo(a)anthracene	21.26	228	6421	0.125	ng	# 73
31) Chrysene	21.31	228	4760	0.062	ng	# 55
32) Bis(2-ethylhexyl)phthalate	21.20	149	33668	0.392	ng	# 99
35) Benzo(b)fluoranthene	22.96	252	3008	0.054	ng	# 1

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

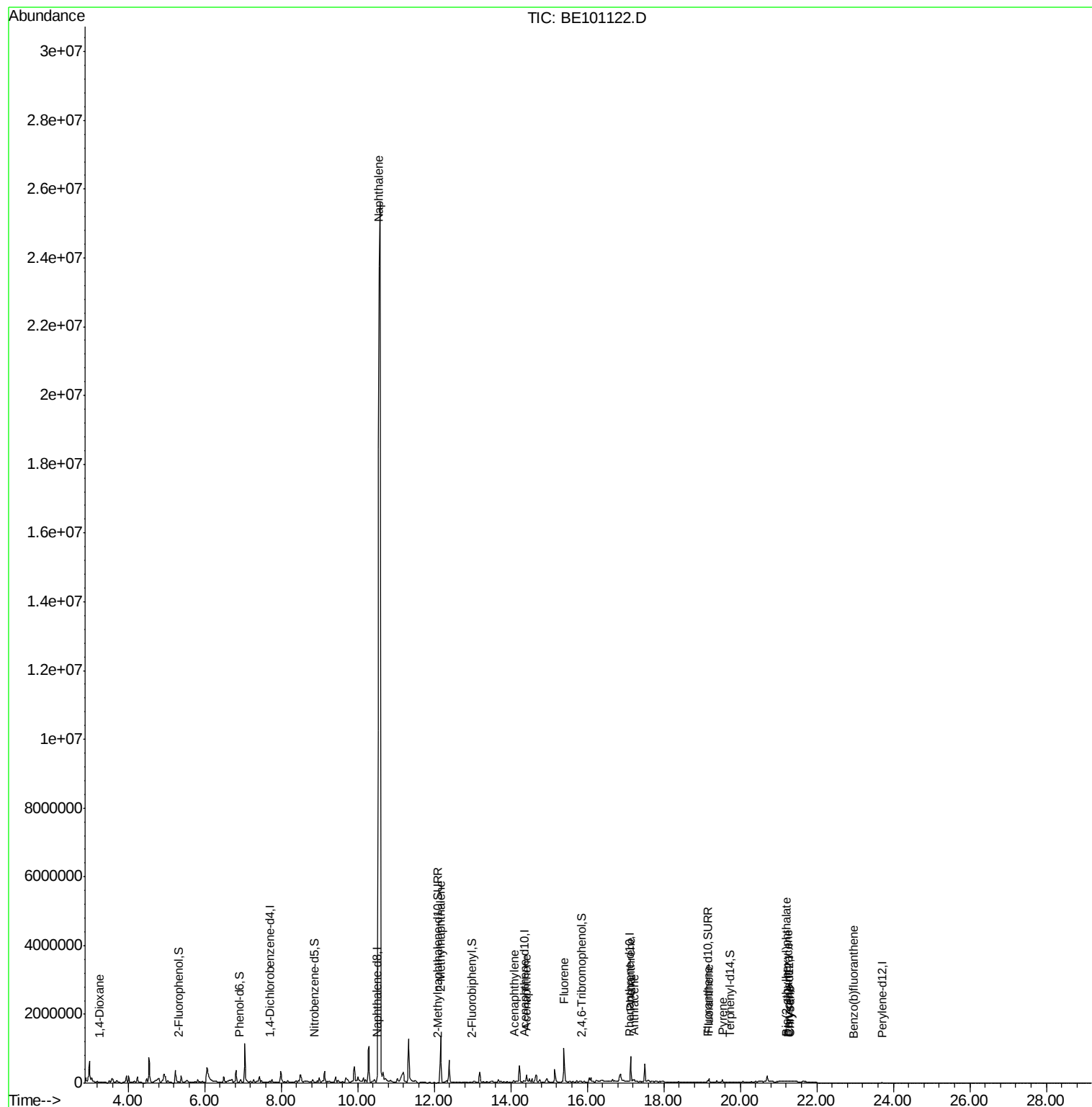
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
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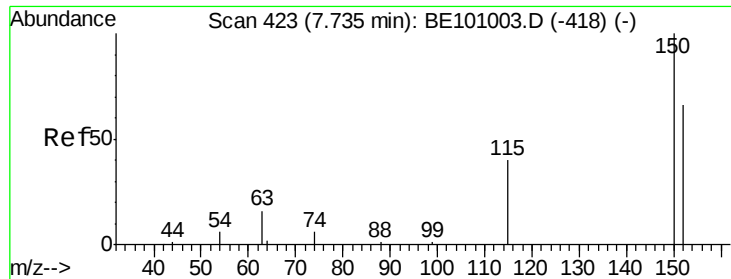
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

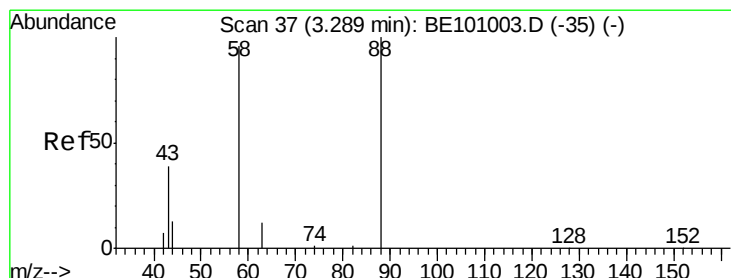
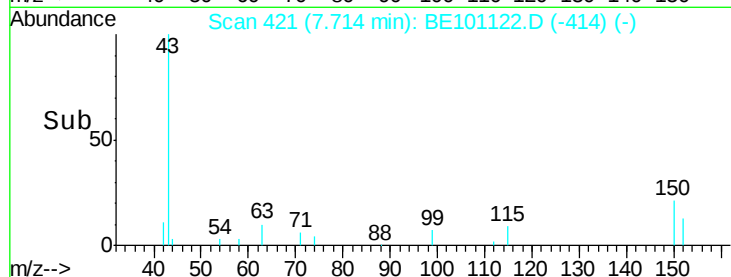
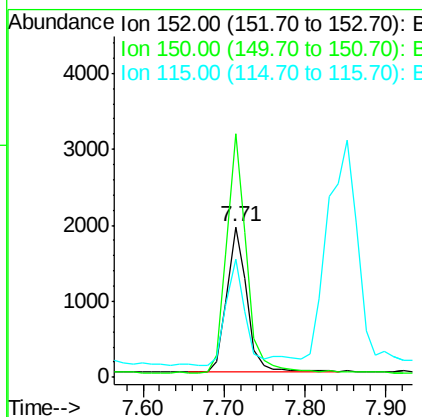
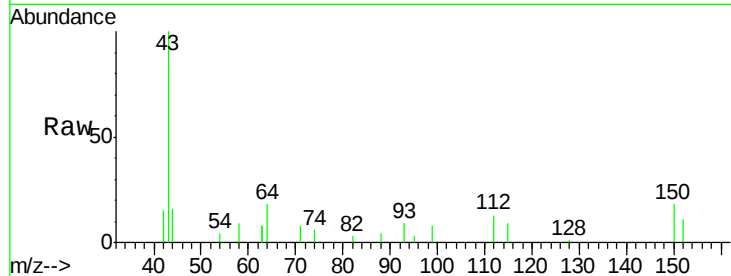
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	120.3	180.5
115	78.1	51.7	77.5#

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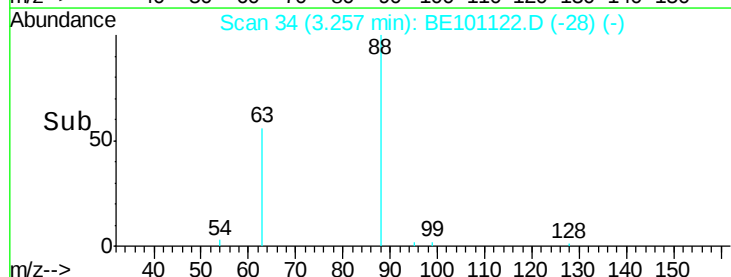
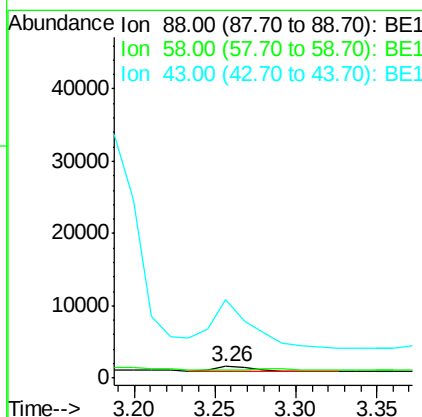
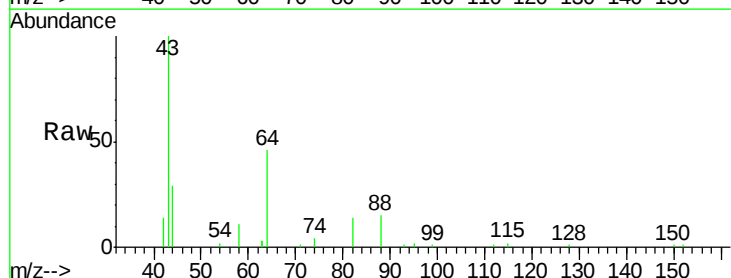
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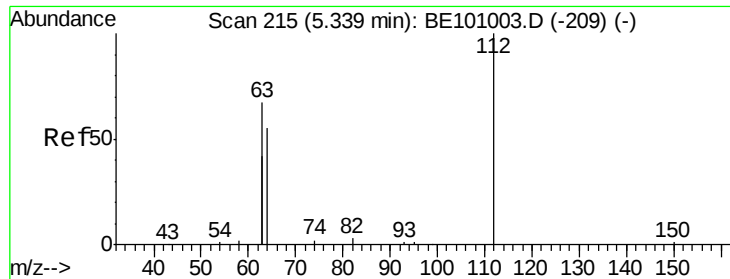


#2

1,4-Dioxane
Concen: 0.032 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.03 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.0	79.4#
43	950.1	23.4	35.2#





#4

2-Fluorophenol

Concen: 2.700 ng

RT: 5.32 min Scan# 213

Delta R.T. -0.02 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

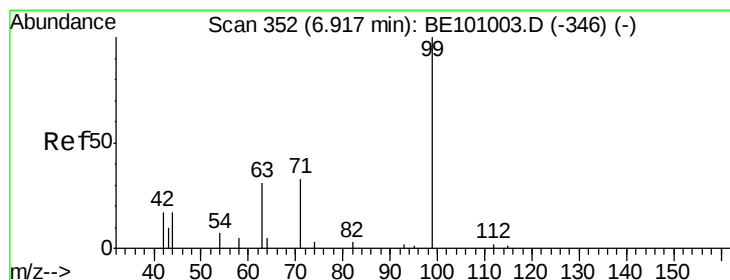
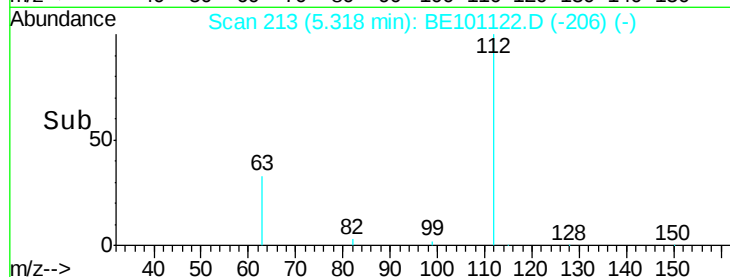
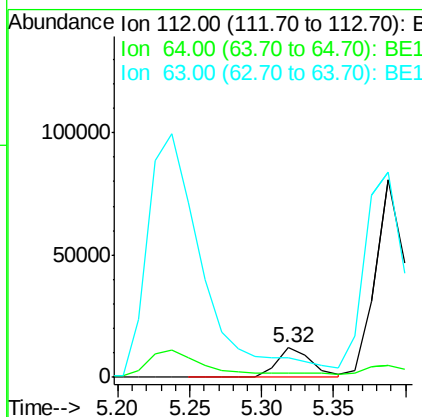
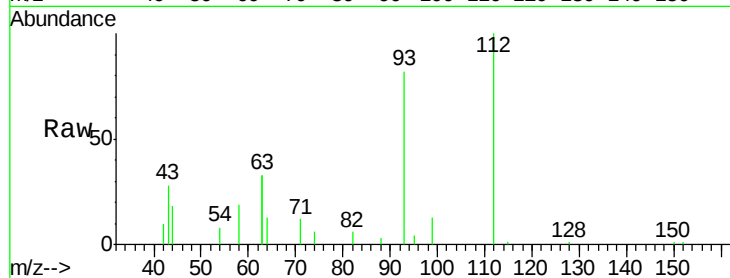
ClientSampleId :

SB-MW-19

Tot Ion:	112	Resp:	20118
Ion Ratio	Lower	Upper	
112	100		
64	4.2	53.6	80.4#
63	0.0	114.6	172.0#

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#5

Phenol-d6

Concen: 0.341 ng

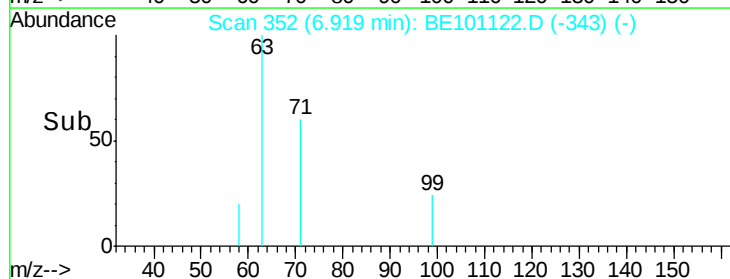
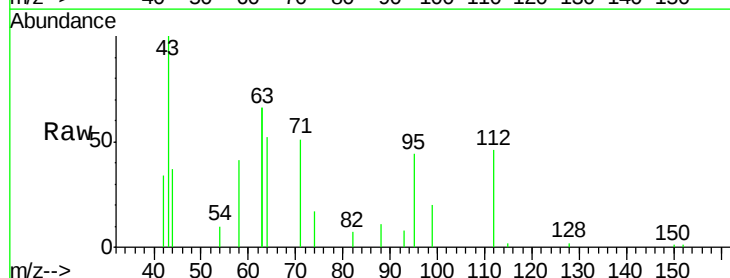
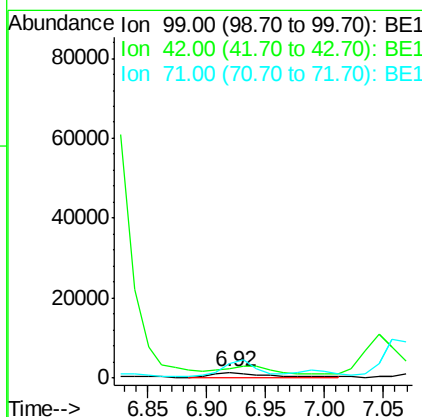
RT: 6.92 min Scan# 352

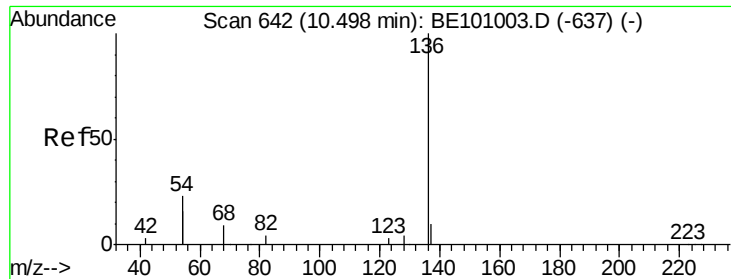
Delta R.T. 0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Tgt Ion:	99	Resp:	3212
Ion Ratio	Lower	Upper	
99	100		
42	157.1	18.3	27.5#
71	252.0	28.0	42.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

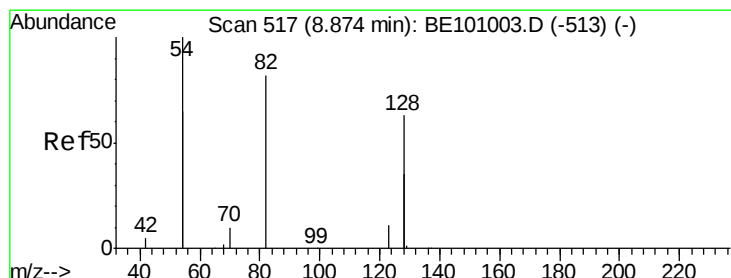
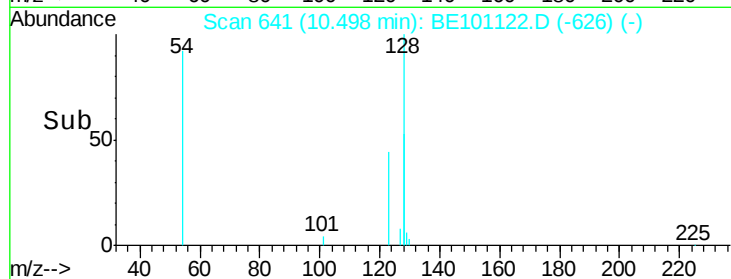
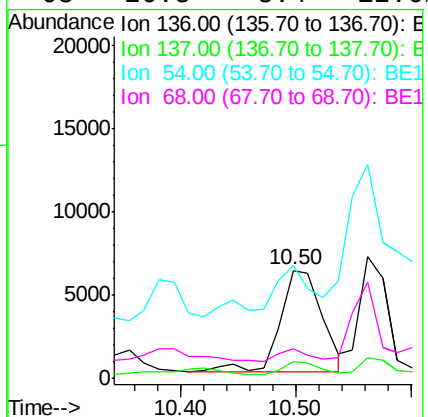
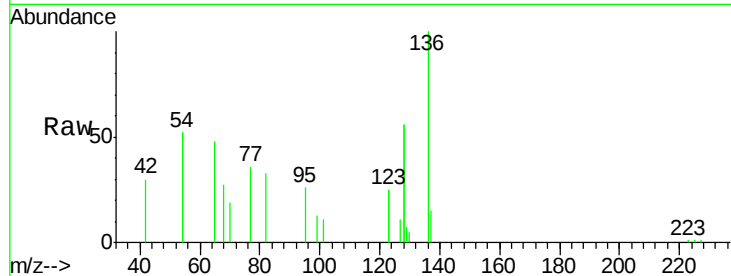
ClientSampleID :

SB-MW-19

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.3	13.9#
54	104.3	36.8	55.2#
68	26.8	8.4	12.6#

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#8

Nitrobenzene-d5

Concen: 0.279 ng m

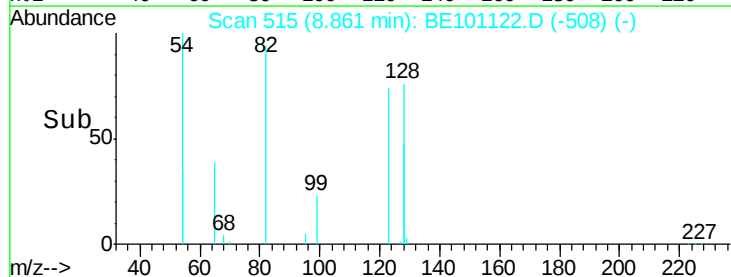
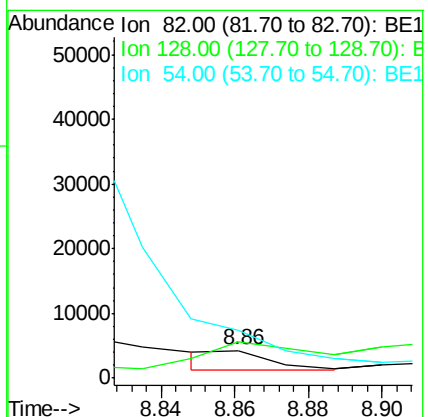
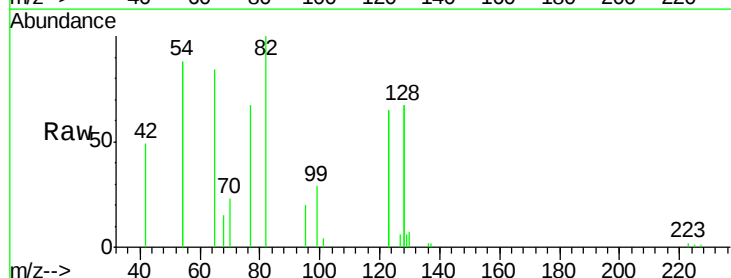
RT: 8.86 min Scan# 515

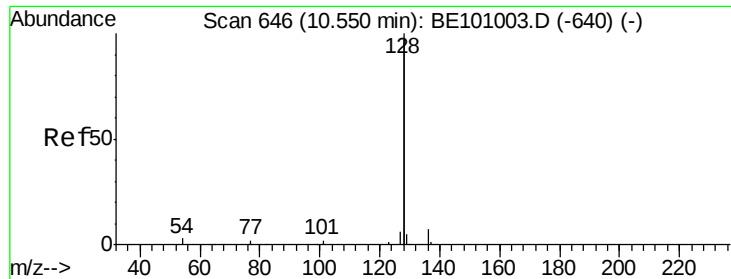
Delta R.T. -0.01 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
82	100		
128	66.7	109.8	164.6#
54	87.9	174.5	261.7#





#9

Naphthalene

Concen: 368.033 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-19

Tot Ion:128 Resp:63516692

Ion Ratio Lower Upper

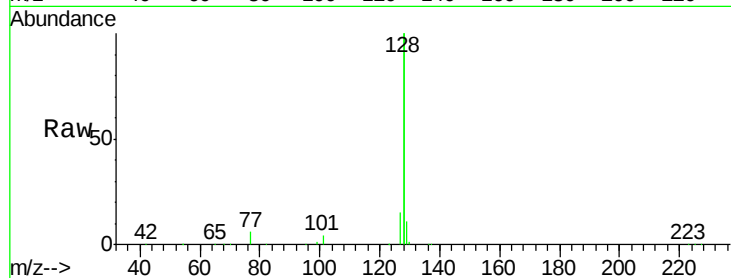
128 100

129 5.7 2.3 3.5#

127 7.4 2.7 4.1#

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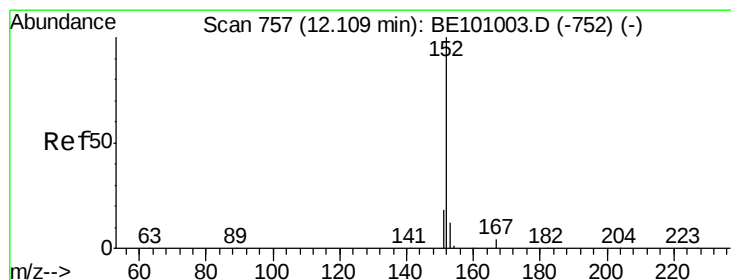
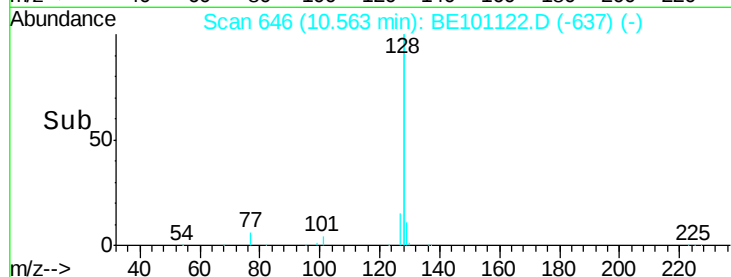
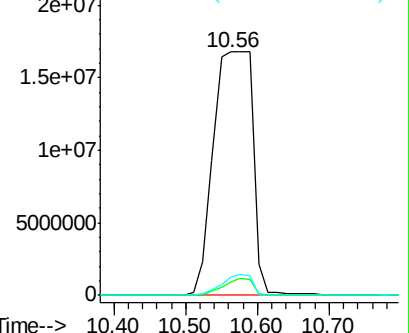
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101122.D

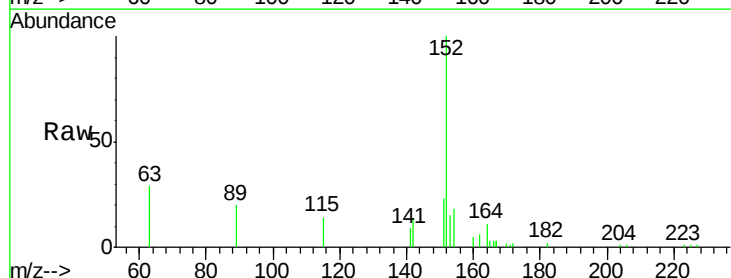
Acq: 22 Jan 2020 19:45

Tgt Ion:152 Resp: 8643

Ion Ratio Lower Upper

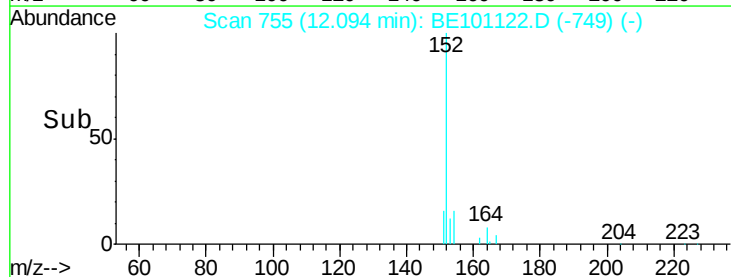
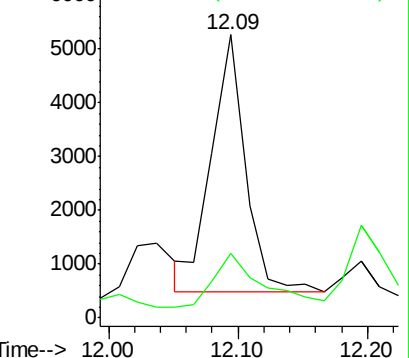
152 100

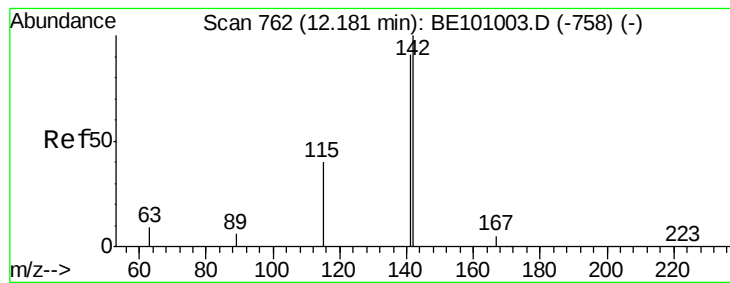
151 29.9 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





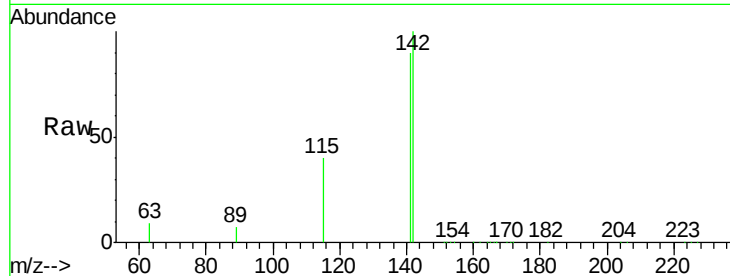
#12
2-Methylnaphthalene
Concen: 35.267 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

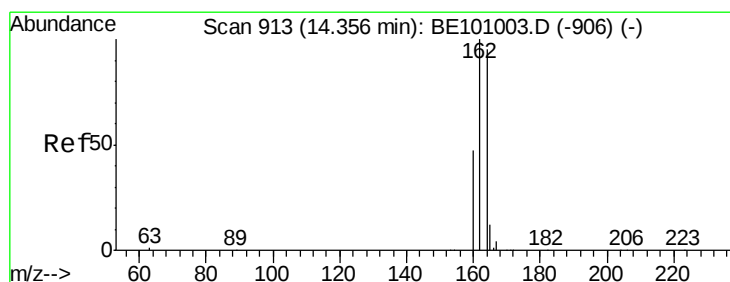
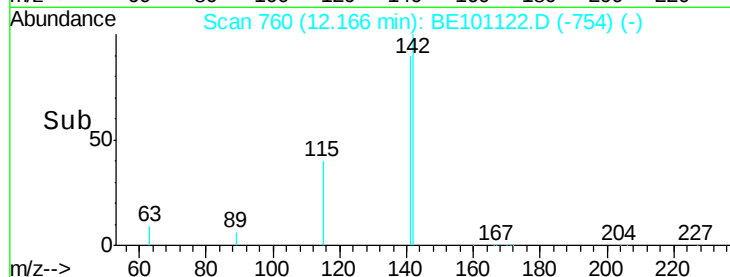
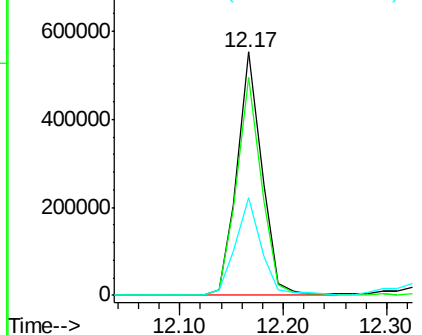
Tot Ion	Ratio	Resp	Lower	Upper
142	100	920661		
141	89.6	72.5	108.7	
115	40.0	33.0	49.6	

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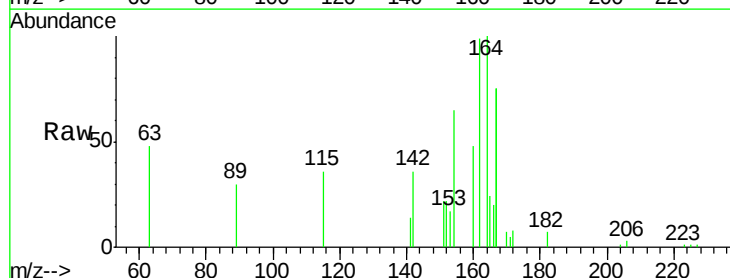


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

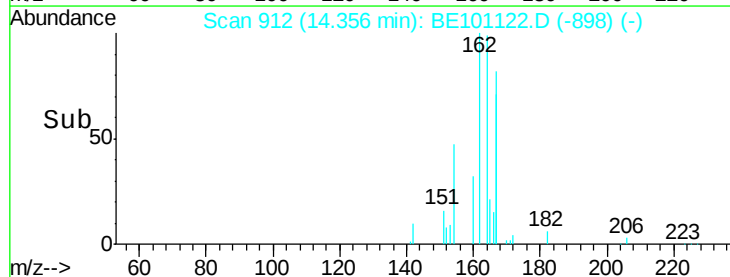
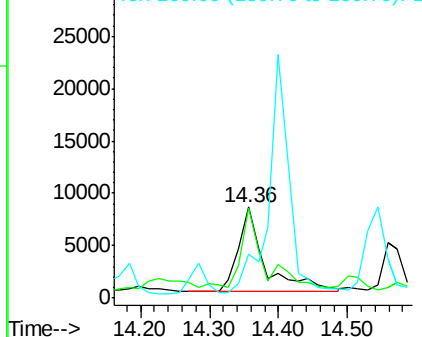


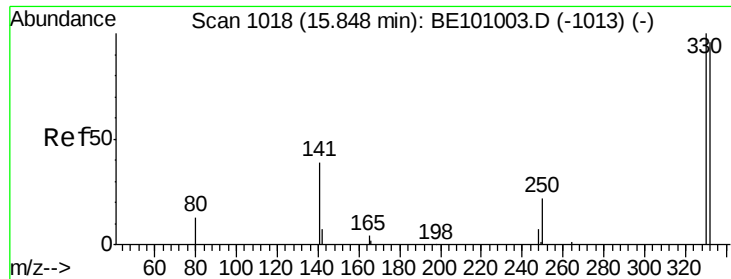
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22109		
162	99.4	84.1	126.1	
160	47.8	40.4	60.6	



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





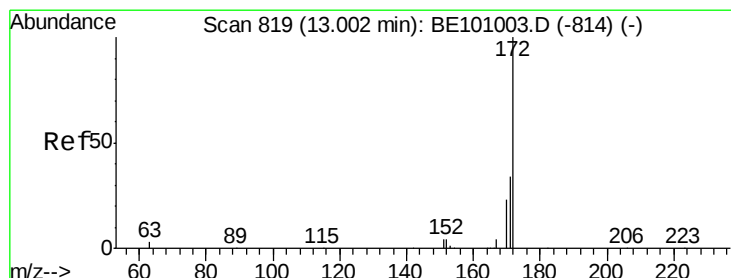
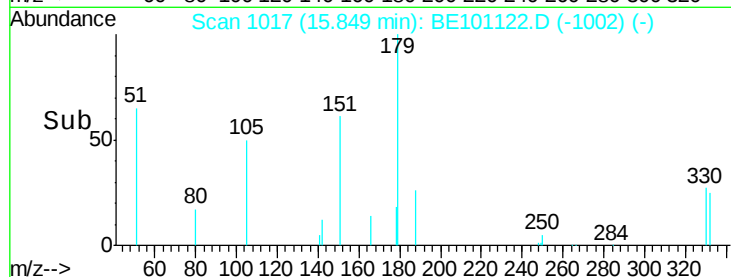
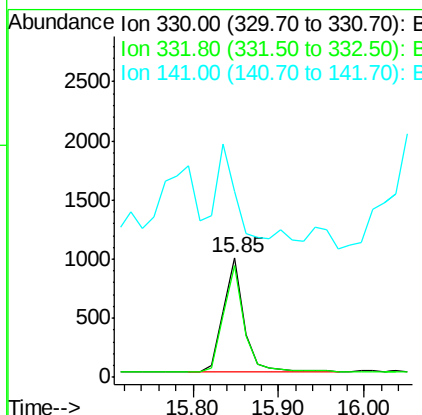
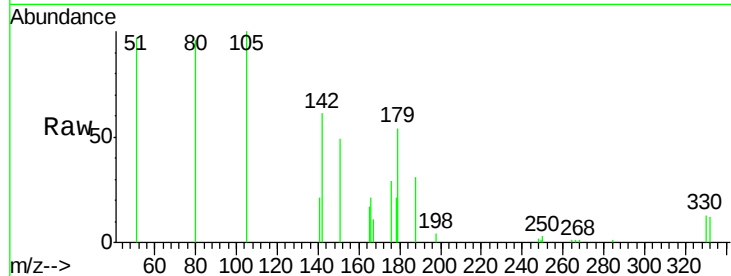
#14
 2,4,6-Tribromophenol
 Concen: 0.256 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101122.D
 Acq: 22 Jan 2020 19:45

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.4	78.4	117.6
141	77.6	37.0	55.4

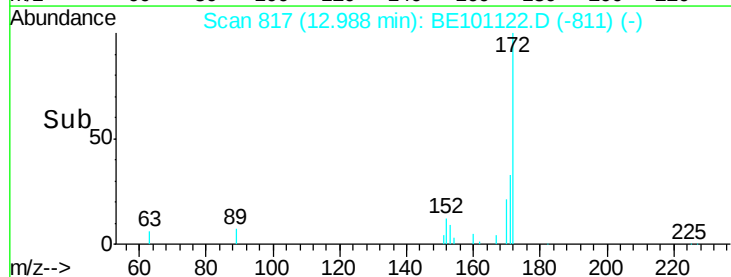
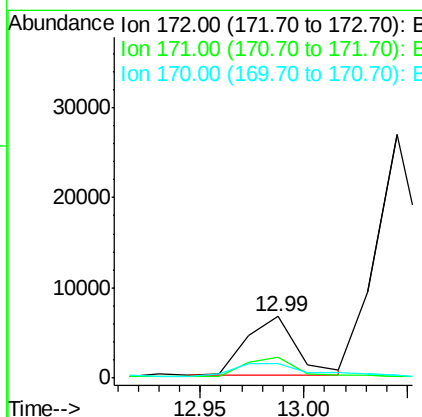
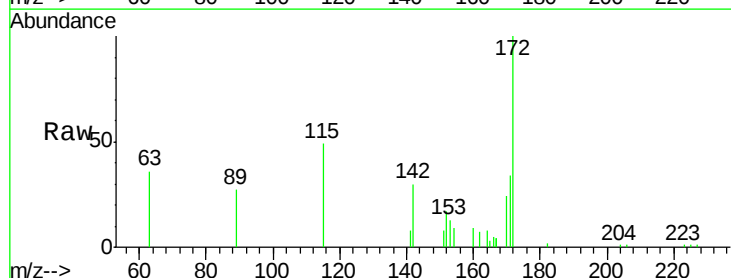
Manual Integrations
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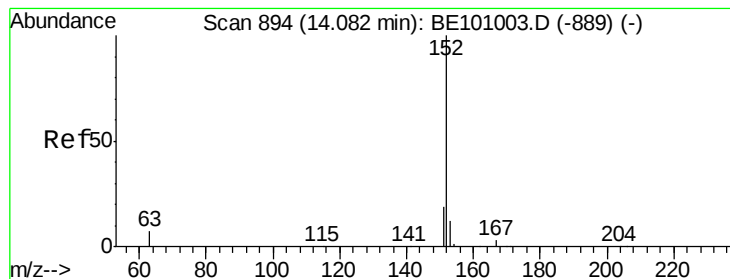
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#15
 2-Fluorobiphenyl
 Concen: 0.134 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101122.D
 Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.2	42.2
170	24.2	18.9	28.3





#16

Acenaphthylene

Concen: 0.471 ng

RT: 14.08 min Scan# 893

Delta R.T. 0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

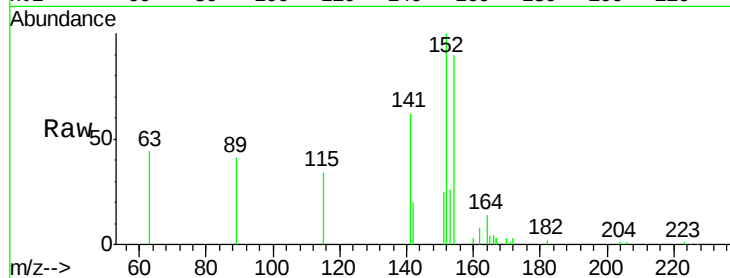
ClientSampleId :

SB-MW-19

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.9	15.5	23.3#
153	15.7	10.4	15.6#

Manual Integrations
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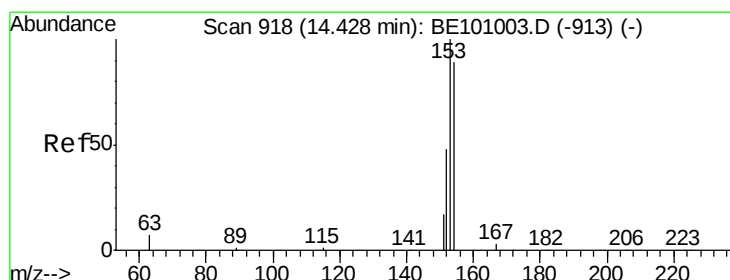
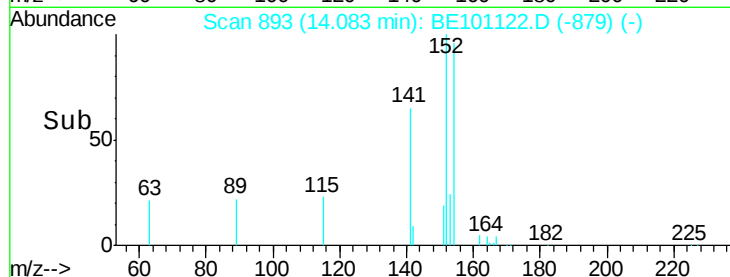
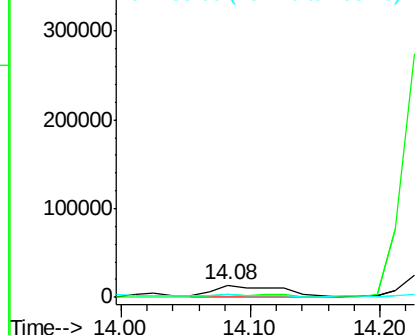


Abundance

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



#17

Acenaphthene

Concen: 1.629 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

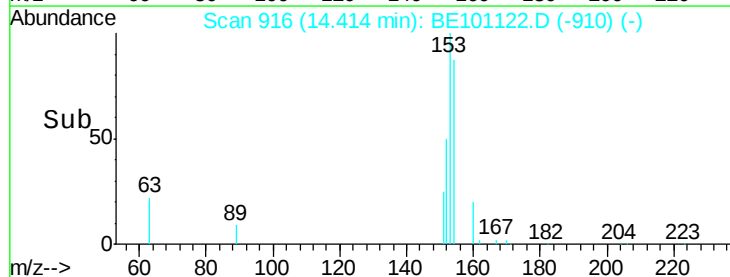
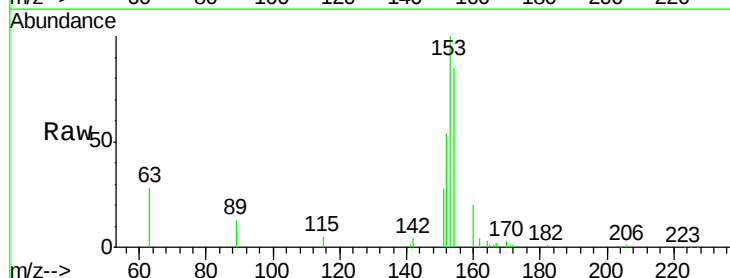
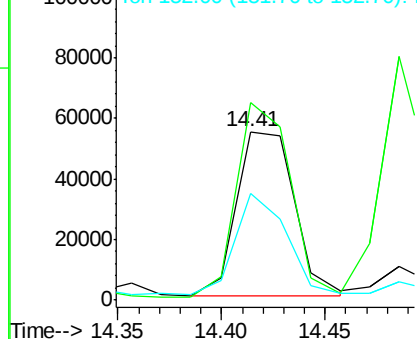
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	93.6	140.4
152	55.3	46.3	69.5

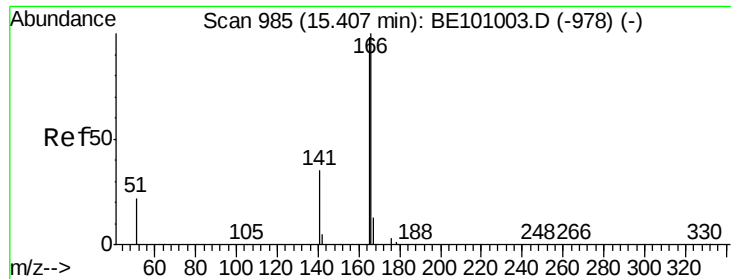
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





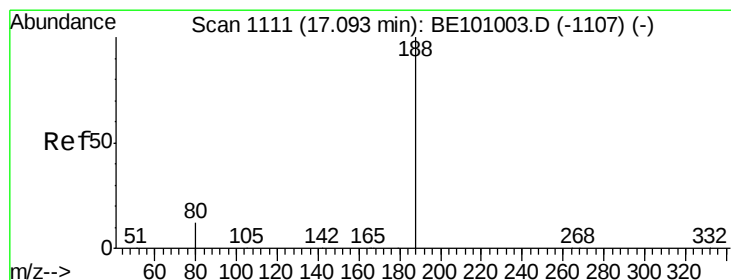
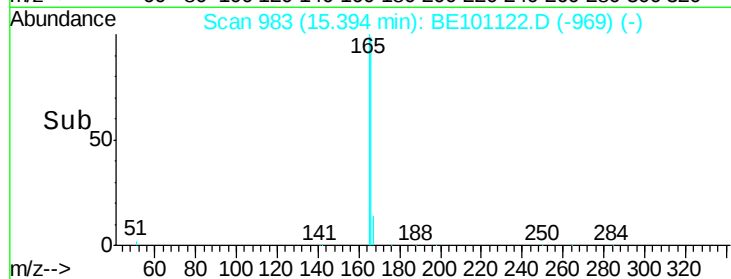
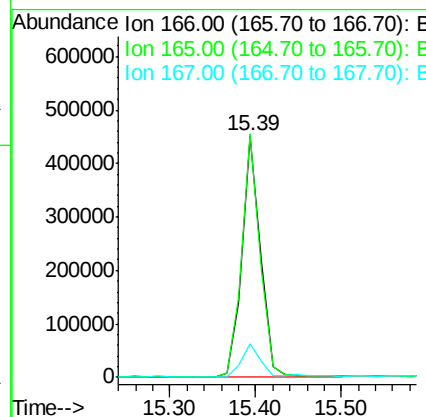
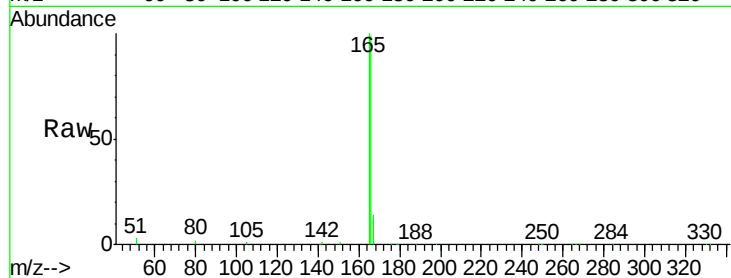
#18
Fluorene
 Concen: 8.351 ng
 RT: 15.39 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BE101122.D
 Acq: 22 Jan 2020 19:45

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-19

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.8	11.0	16.6

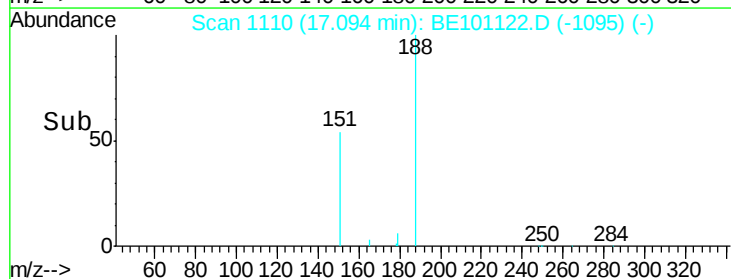
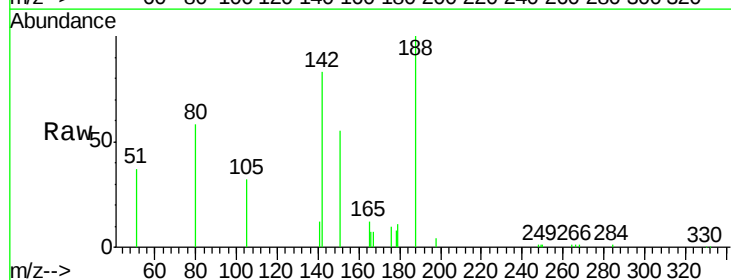
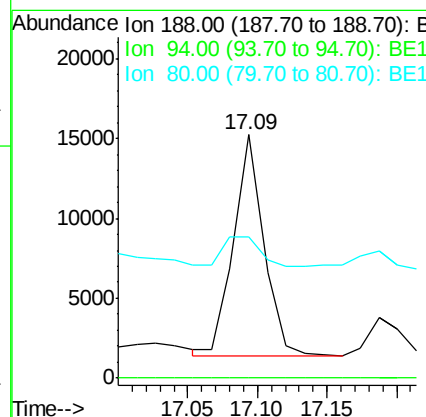
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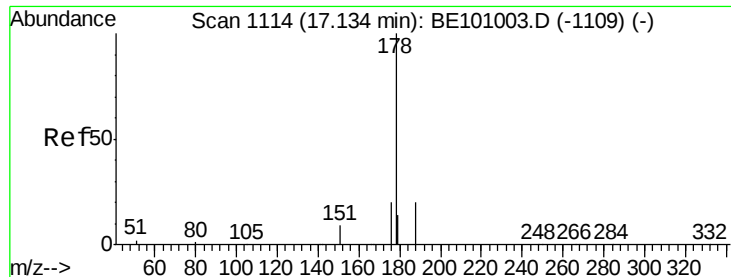
mohammad
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BE101122.D
 Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	57.7	10.8	16.2





#23

Phenanthrene

Concen: 13.313 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

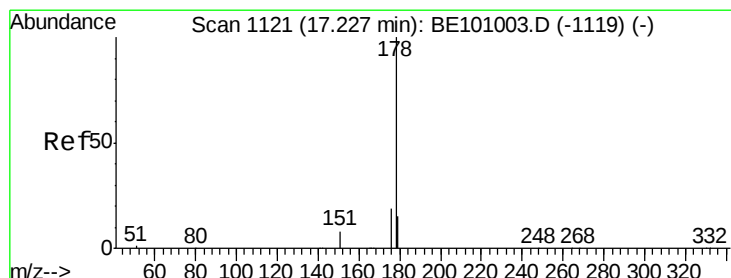
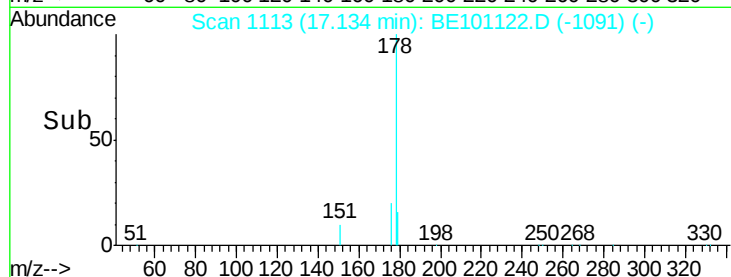
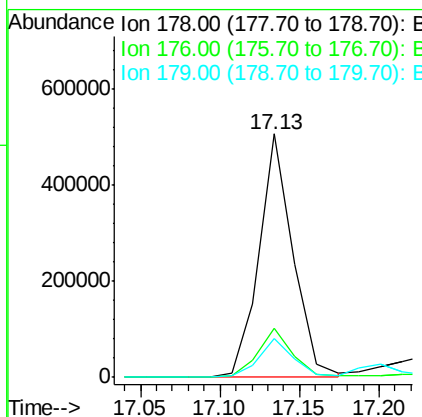
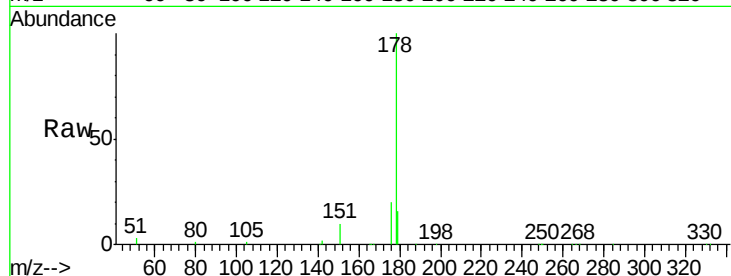
ClientSampleId :

SB-MW-19

Tot Ion:	178	Resp:	747927
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.7	23.5
179	16.2	12.0	18.0

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#24

Anthracene

Concen: 1.860 ng m

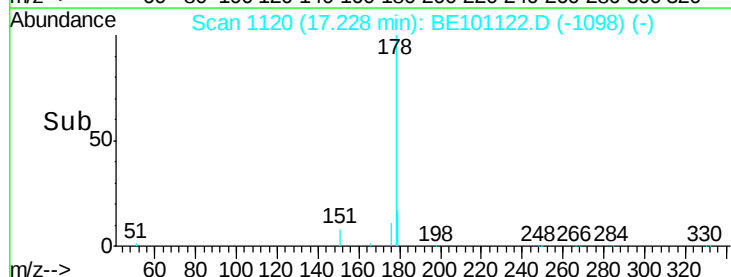
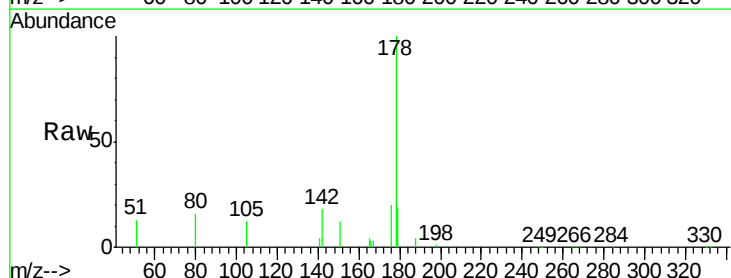
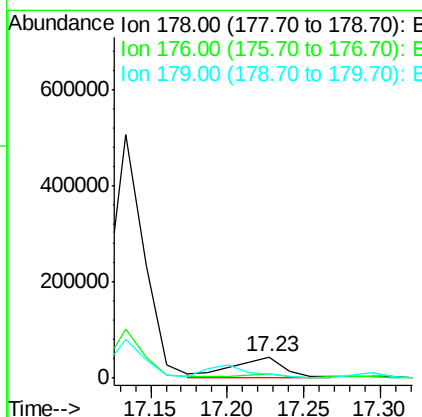
RT: 17.23 min Scan# 1120

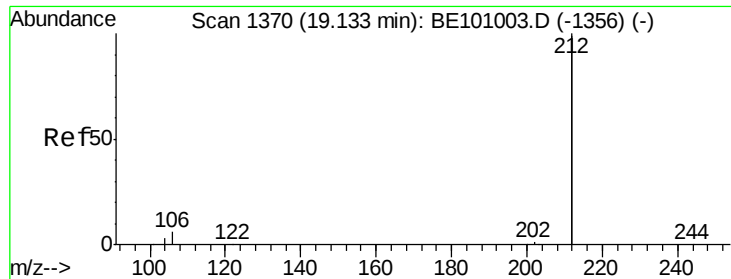
Delta R.T. 0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Tgt Ion:	178	Resp:	98594
Ion Ratio	Lower	Upper	
178	100		
176	150.3	14.8	22.2#
179	123.2	12.4	18.6#





#25

Fluoranthene-d10

Concen: 0.269 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.02 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

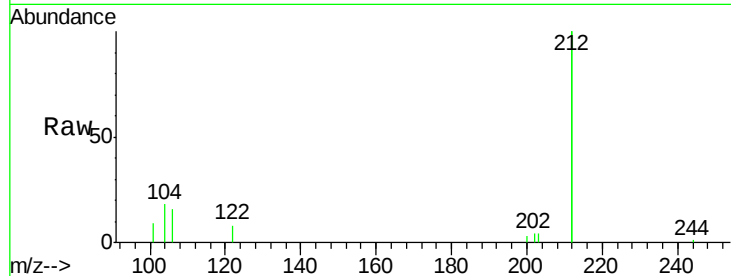
ClientSampleId :

SB-MW-19

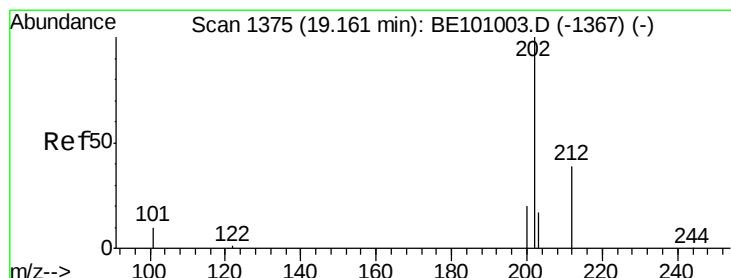
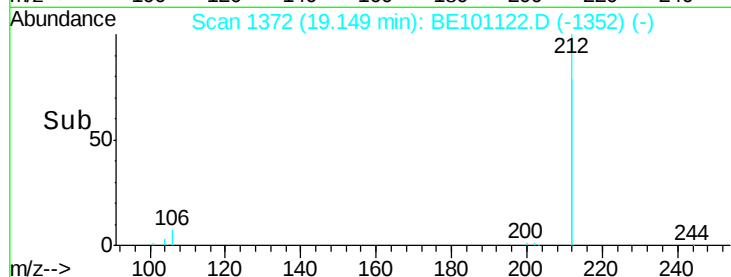
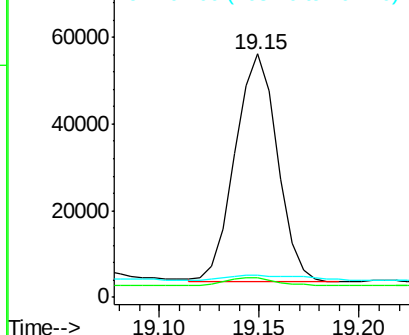
Tot Ion	Ratio	Resp	Lower	Upper
212	100	76891		
106	4.4	2.6	3.8#	
104	5.1	1.4	2.0#	

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.779 ng

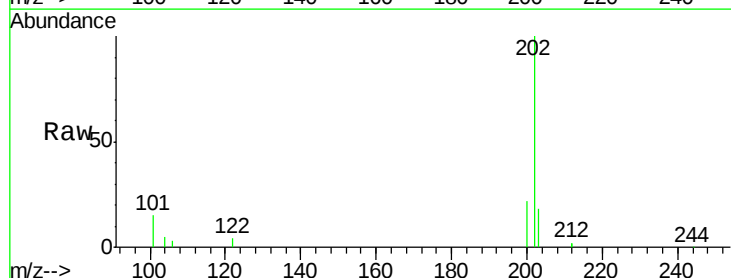
RT: 19.18 min Scan# 1377

Delta R.T. 0.02 min

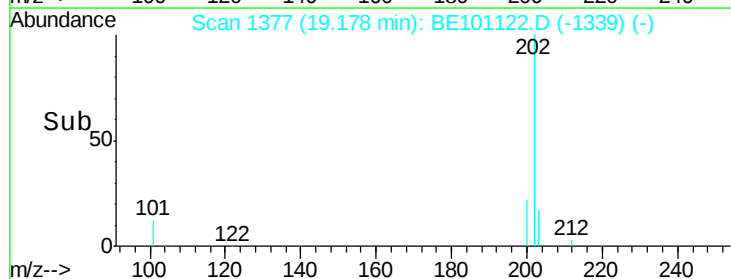
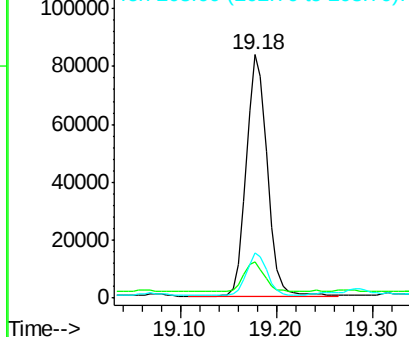
Lab File: BE101122.D

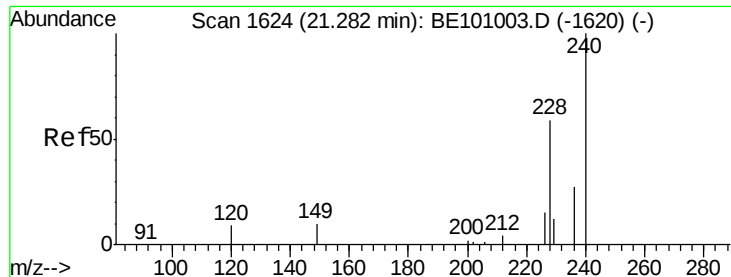
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	125183		
101	11.7	9.6	14.4	
203	17.3	13.8	20.6	



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-19

Tot Ion:240 Resp: 18049

Ion Ratio Lower Upper

240 100

120 17.7 8.6 13.0#

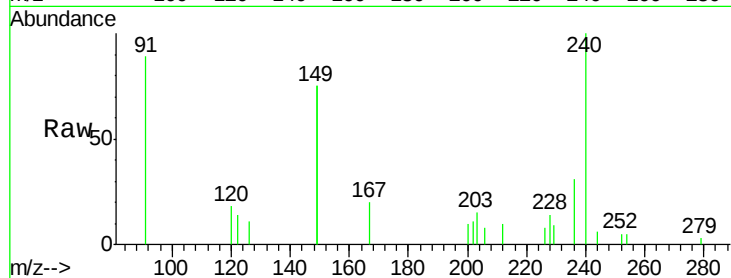
236 30.7 22.2 33.4

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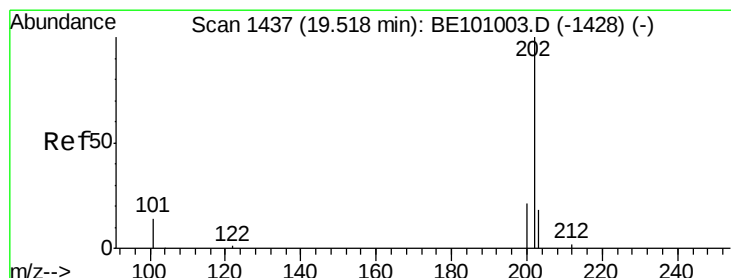
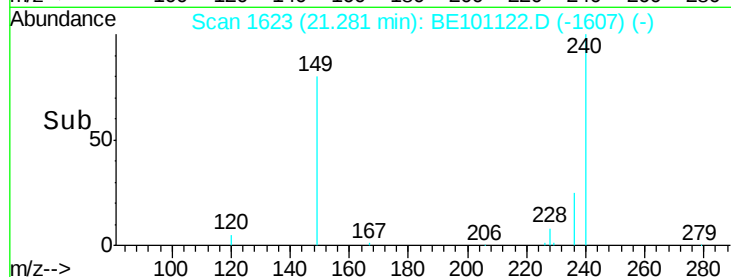
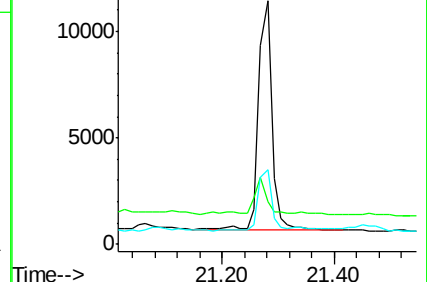
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.128 ng

RT: 19.53 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

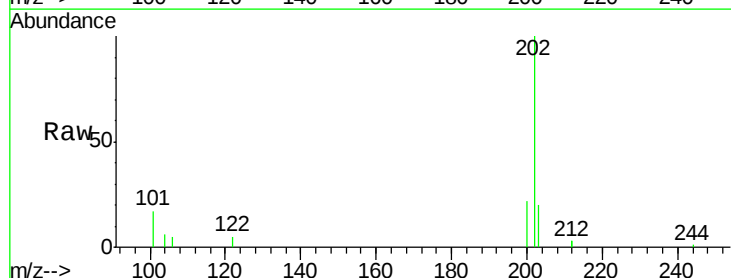
Tgt Ion:202 Resp: 75765

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.4

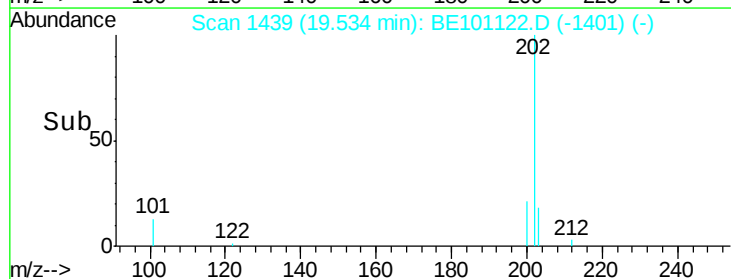
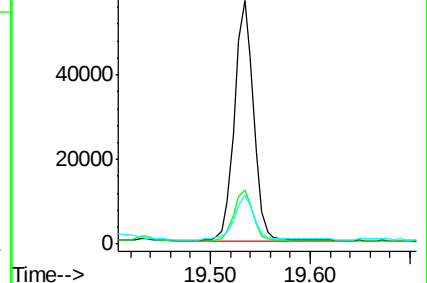
203 20.7 13.8 20.6#

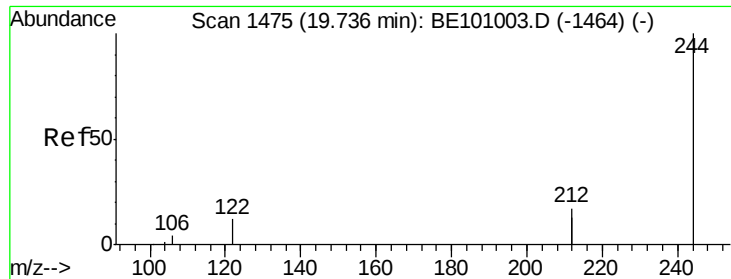


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





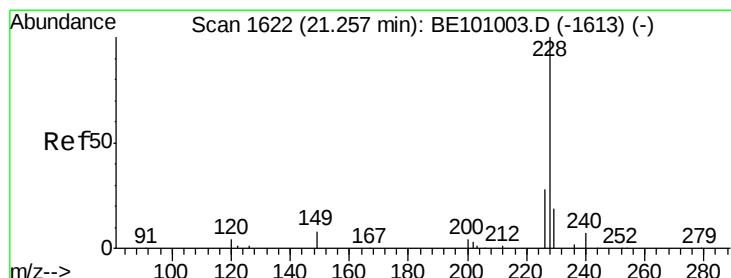
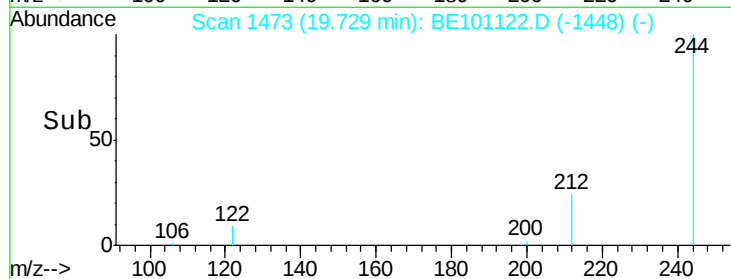
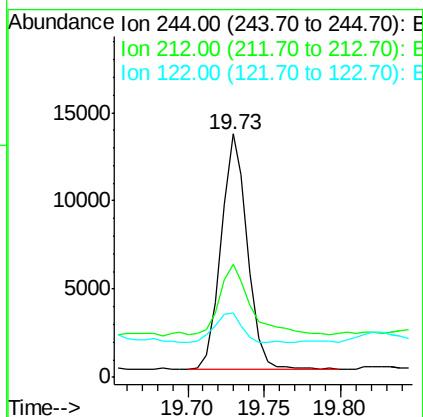
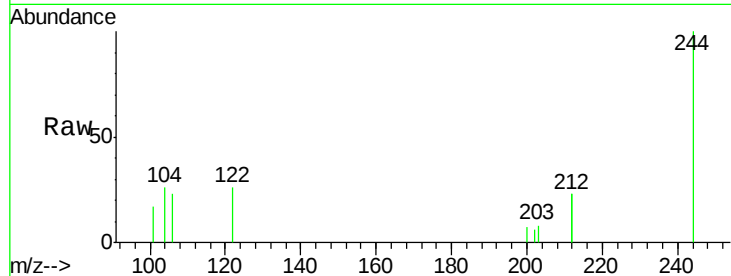
#29
 Terphenyl-d14
 Concen: 0.361 ng
 RT: 19.73 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BE101122.D
 Acq: 22 Jan 2020 19:45

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-19

Tot Ion	Ratio	Lower	Upper
244	100		
212	46.3	27.2	40.8#
122	26.5	9.8	14.8#

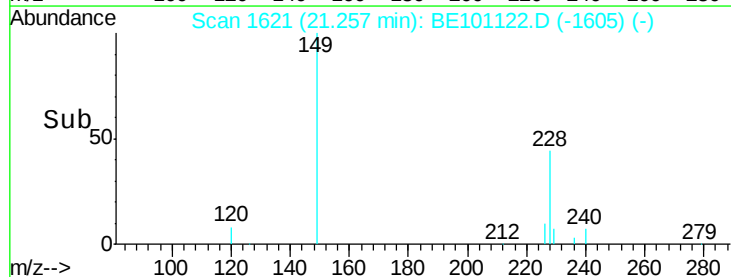
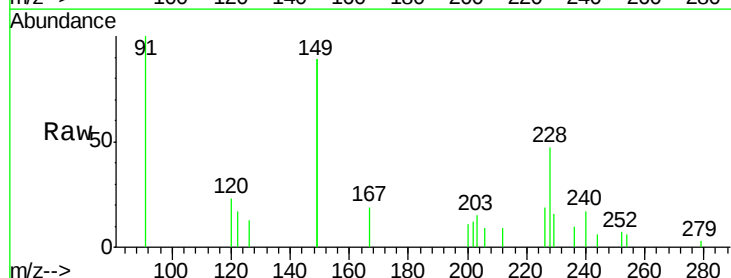
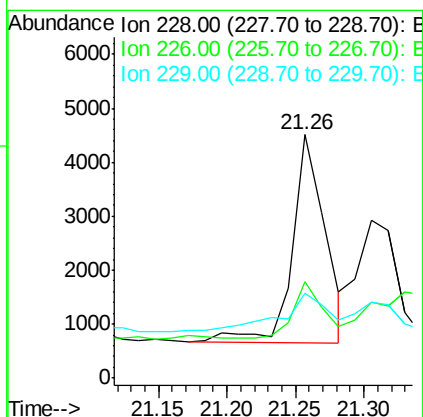
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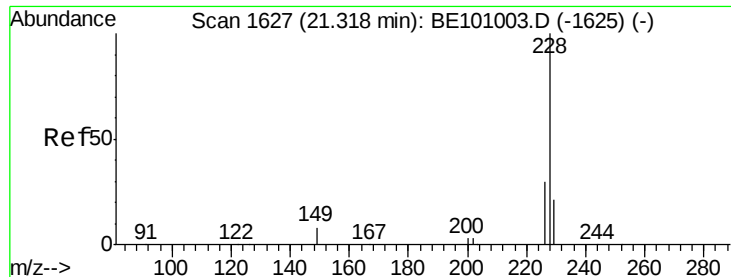
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.125 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE101122.D
 Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.8	22.7	34.1#
229	35.1	15.5	23.3#





#31

Chrysene

Concen: 0.062 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Instrument :

BNA_E

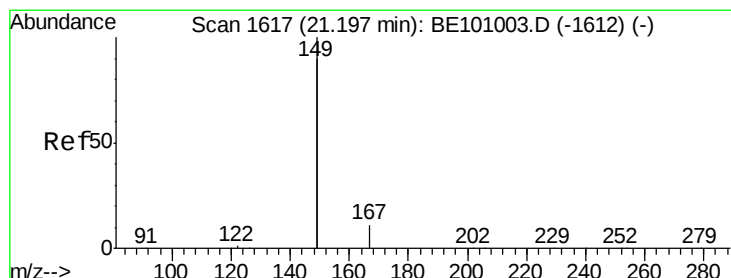
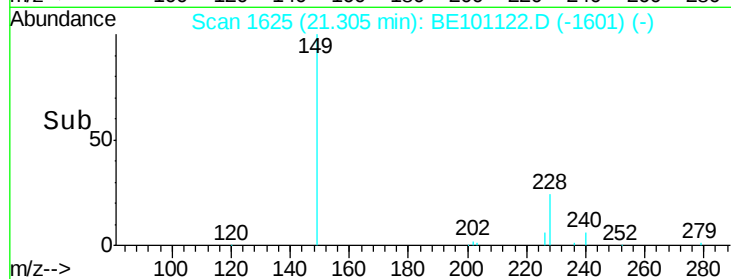
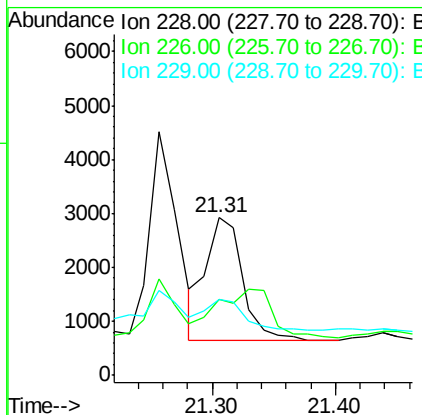
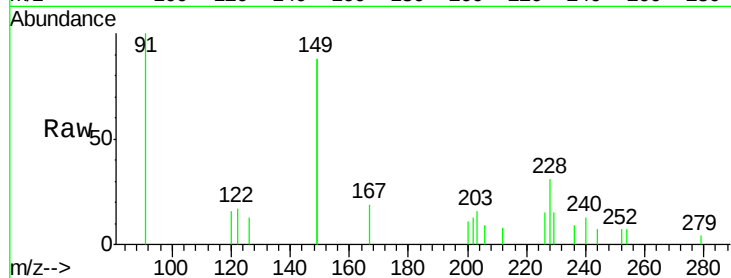
ClientSampleId :

SB-MW-19

Tot Ion:	228	Resp:	4760
Ion	Ratio	Lower	Upper
228	100		
226	48.1	23.5	35.3#
229	48.5	16.7	25.1#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.392 ng

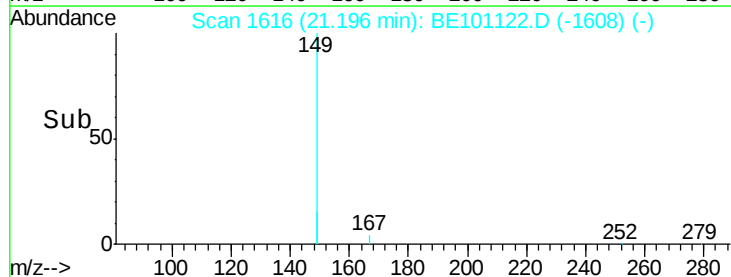
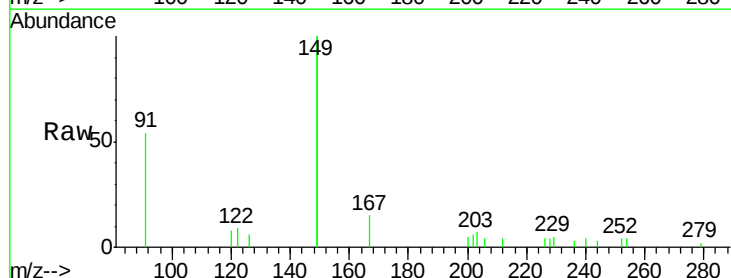
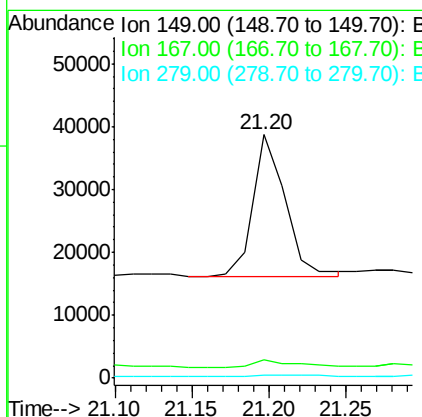
RT: 21.20 min Scan# 1616

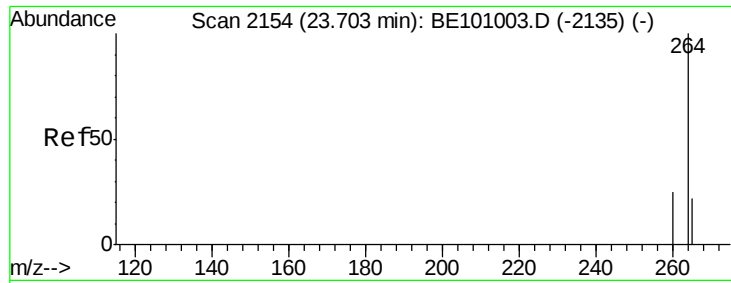
Delta R.T. -0.00 min

Lab File: BE101122.D

Acq: 22 Jan 2020 19:45

Tgt Ion:	149	Resp:	33668
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.2	7.8
279	0.9	0.8	1.2





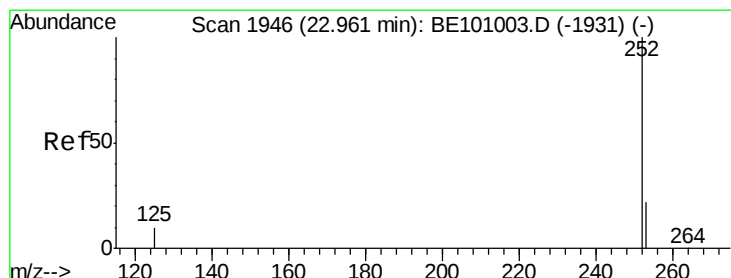
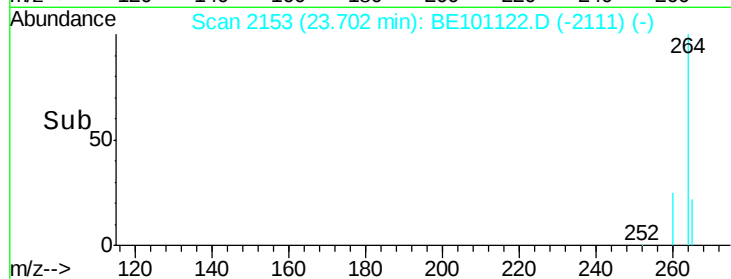
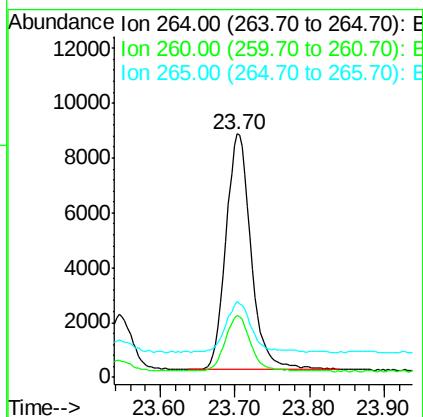
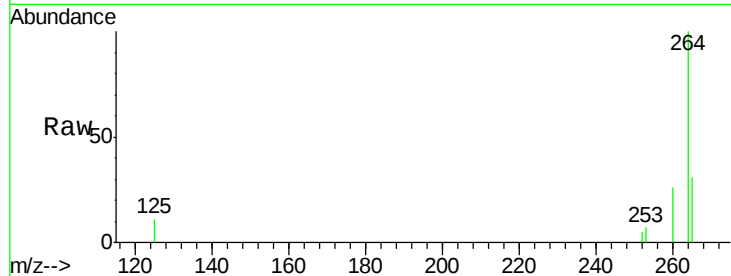
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.3	30.5
265	31.5	27.0	40.4

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#35
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	65.2	18.5	27.7#
125	91.4	9.5	14.3#

