

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
 Data File : BE101110.D
 Acq On : 21 Jan 2020 15:21
 Operator : CG/JU
 Sample : L1179-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

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Quant Time: Jan 22 10:29:24 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	7.72	152	466	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	4117m	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	4162	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16285	0.40	ng	0.00
27) Chrysene-d12	21.27	240	28255	0.40	ng	-0.01
34) Perylene-d12	23.70	264	26941	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	622	0.59	ng	-0.01
5) Phenol-d6	6.91	99	489	0.37	ng	-0.01
8) Nitrobenzene-d5	8.86	82	978m	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	2581m	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	859	0.73	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5660	0.36	ng	-0.01
25) Fluoranthene-d10	19.12	212	103426	0.46	ng	-0.01
29) Terphenyl-d14	19.72	244	24035	0.35	ng	-0.01

Target Compounds				Qvalue		
9) Naphthalene	10.54	128	776545m	16.987	ng	
12) 2-Methylnaphthalene	12.17	142	8882m	1.284	ng	
16) Acenaphthylene	14.07	152	6949	0.410	ng	# 82
17) Acenaphthene	14.41	154	8892	0.733	ng	96
18) Fluorene	15.39	166	10283	0.670	ng	# 96
23) Phenanthrene	17.13	178	20782	0.467	ng	# 95
24) Anthracene	17.21	178	7584	0.181	ng	# 74
26) Fluoranthene	19.15	202	10212	0.183	ng	96
28) Pyrene	19.51	202	10518	0.100	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.20	149	62874	0.468	ng	# 97

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

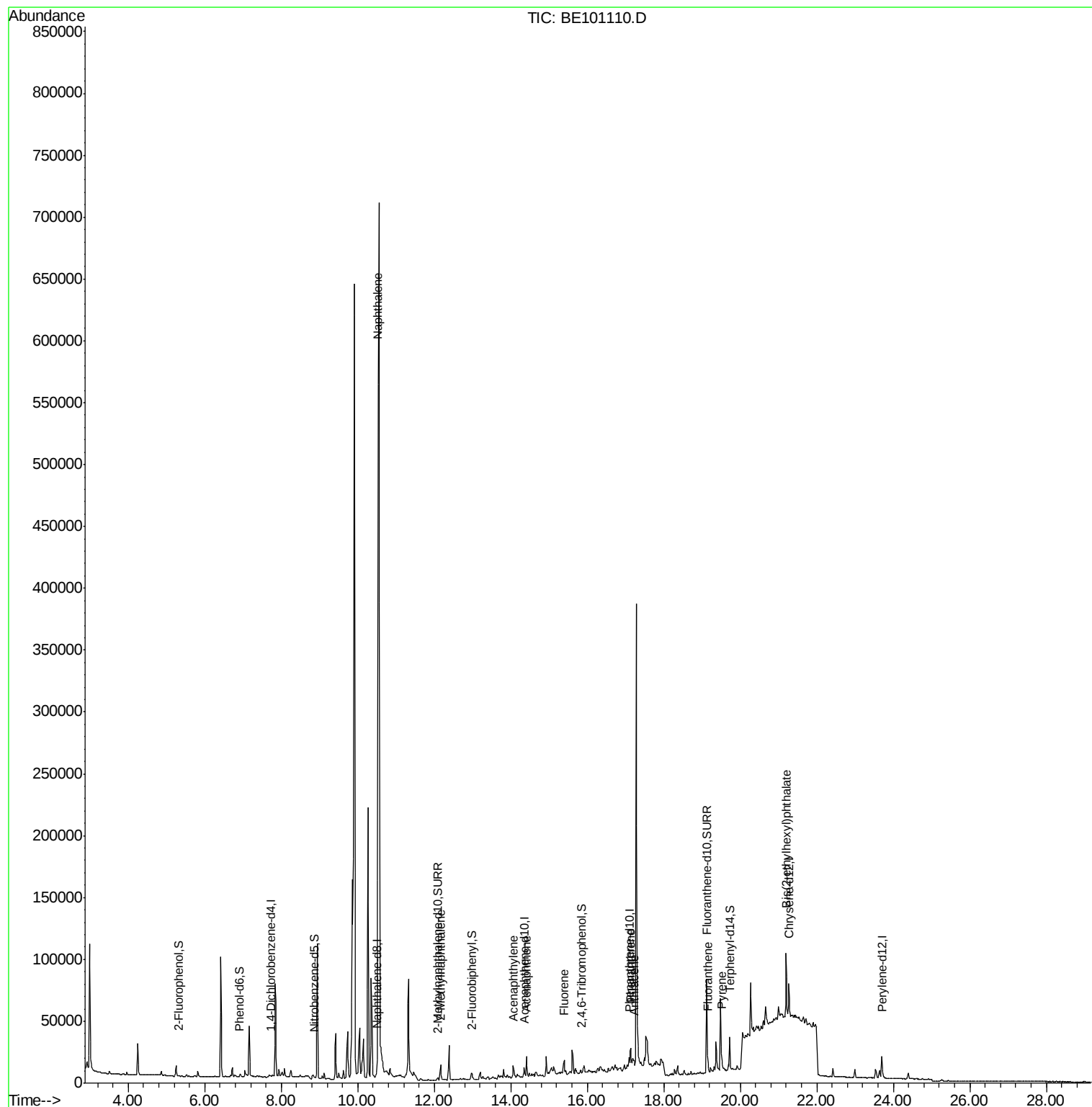
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
Data File : BE101110.D
Acq On : 21 Jan 2020 15:21
Operator : CG/JU
Sample : L1179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

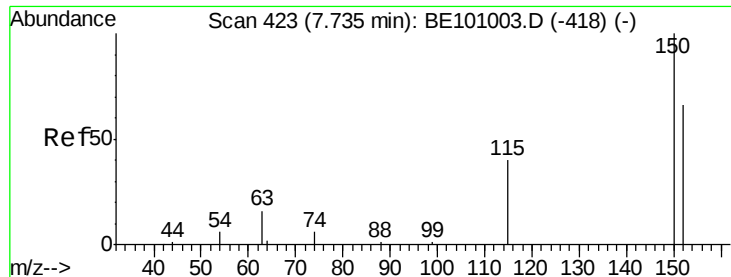
Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Quant Time: Jan 22 10:29:24 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
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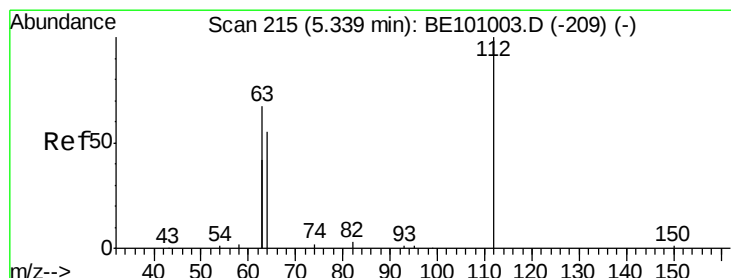
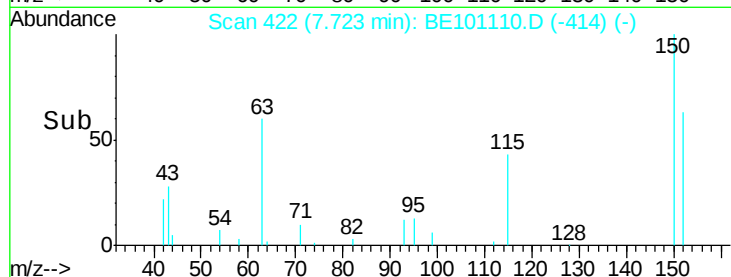
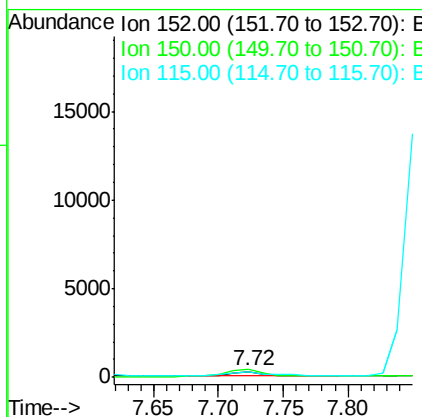
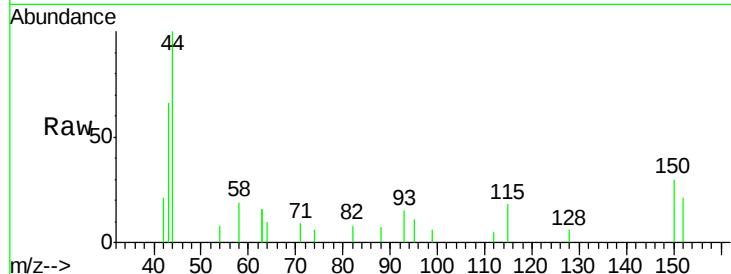
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.72 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	120.3	180.5
115	86.6	51.7	77.5

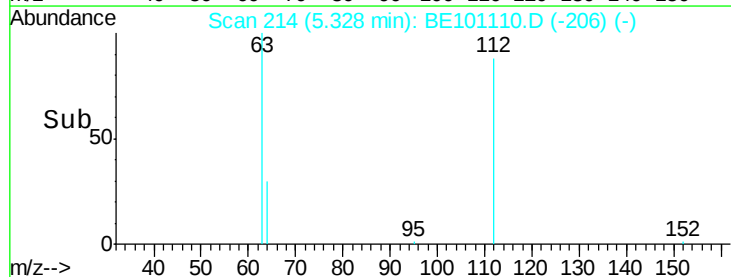
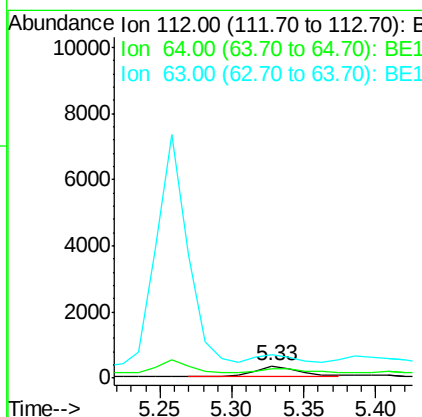
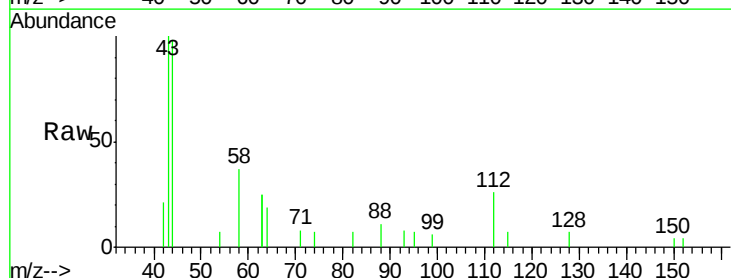
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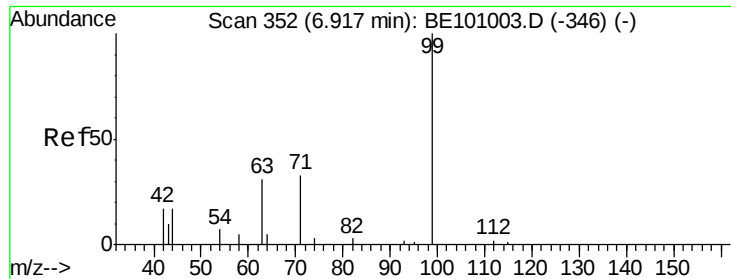
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#4
 2-Fluorophenol
 Concen: 0.593 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	36.2	53.6	80.4
63	57.7	114.6	172.0





#5

Phenol-d6

Concen: 0.368 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

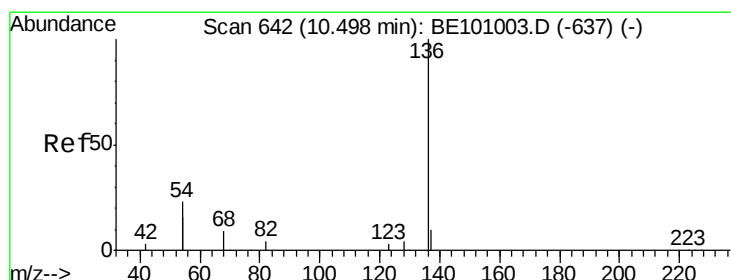
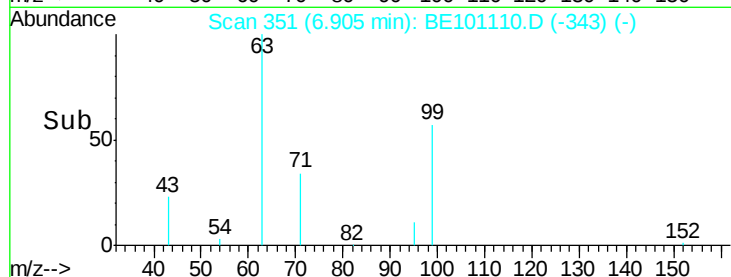
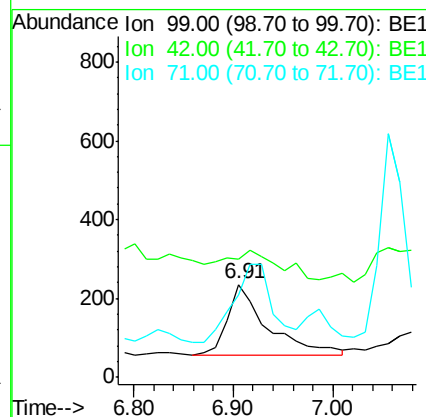
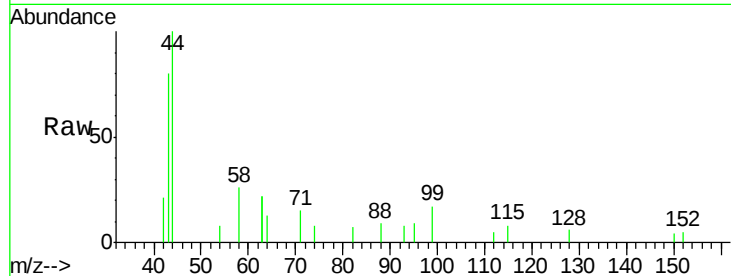
ClientSampled :

SB-MW-14

Tot Ion:	99	Resp:	489
Ion	Ratio	Lower	Upper
99	100		
42	48.1	18.3	27.5#
71	111.2	28.0	42.0#

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#7

Naphthalene-d8

Concen: 0.400 ng m

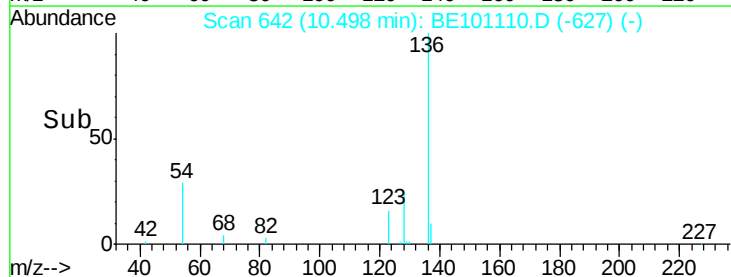
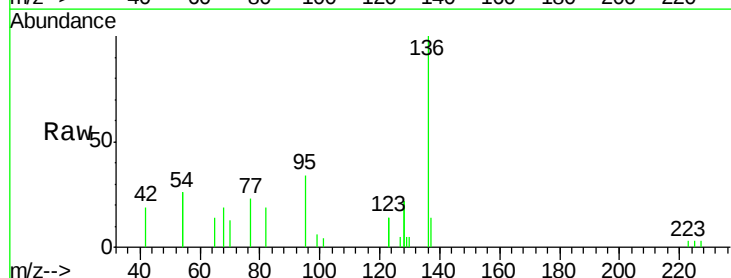
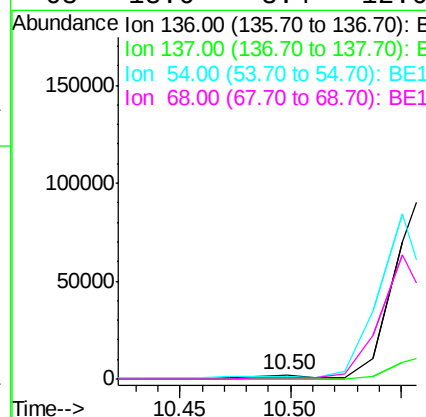
RT: 10.50 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Tgt Ion:	136	Resp:	4117
Ion	Ratio	Lower	Upper
136	100		
137	13.9	9.3	13.9#
54	26.1	36.8	55.2#
68	18.6	8.4	12.6#





#8

Nitrobenzene-d5

Concen: 0.332 ng m

RT: 8.86 min Scan# 516

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

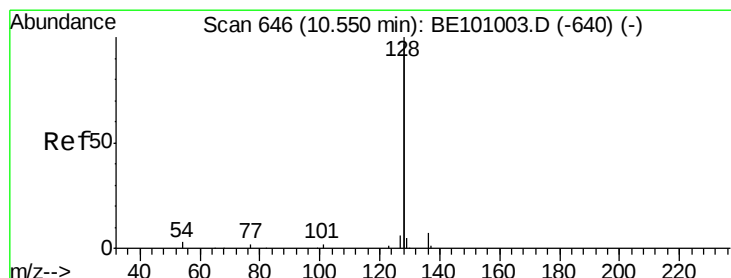
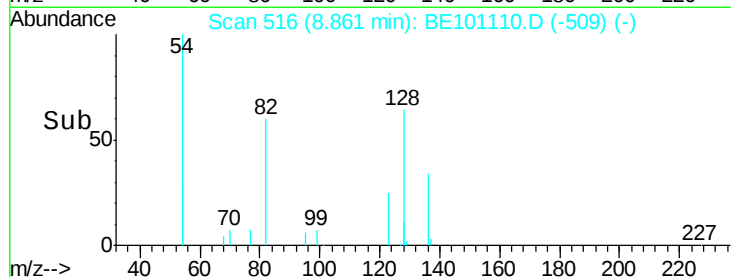
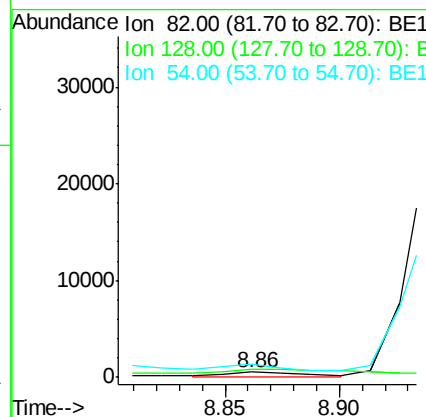
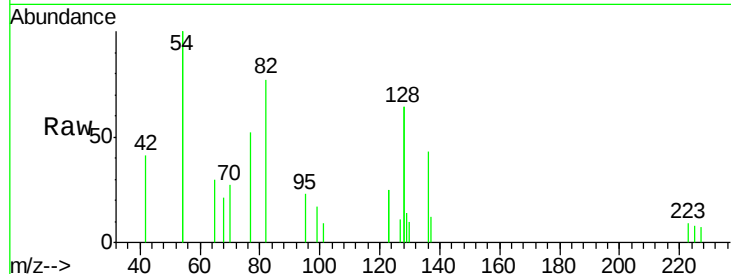
ClientSampled :

SB-MW-14

Tot Ion	Ratio	Lower	Upper
82	100		
128	83.0	109.8	164.6#
54	130.3	174.5	261.7#

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#9

Naphthalene

Concen: 16.987 ng m

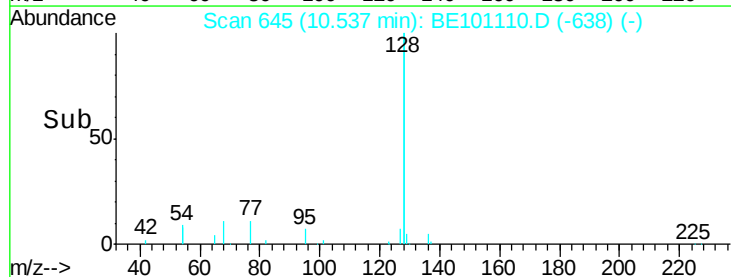
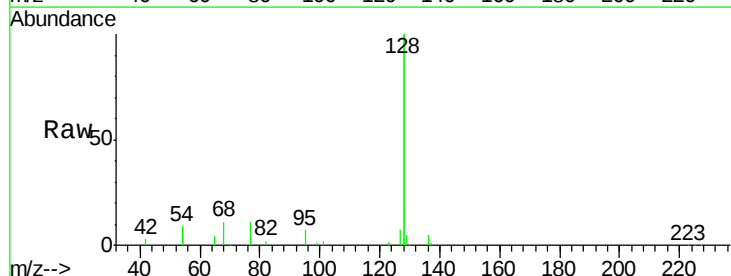
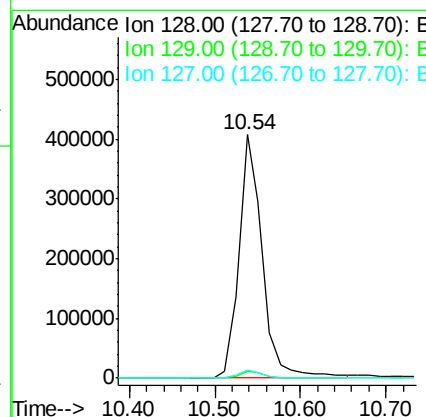
RT: 10.54 min Scan# 645

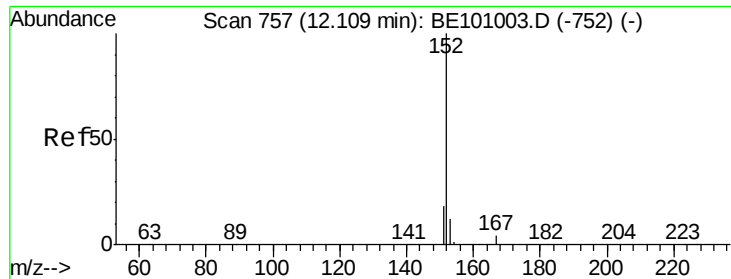
Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.5	2.3	3.5#
127	6.7	2.7	4.1#





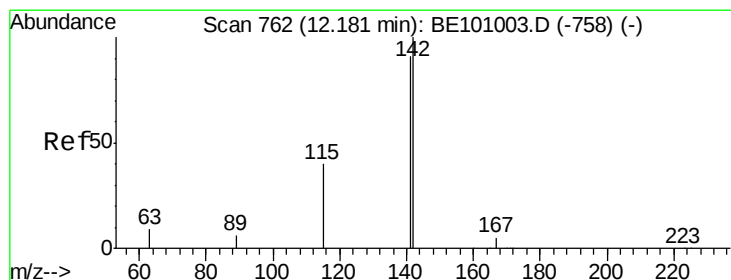
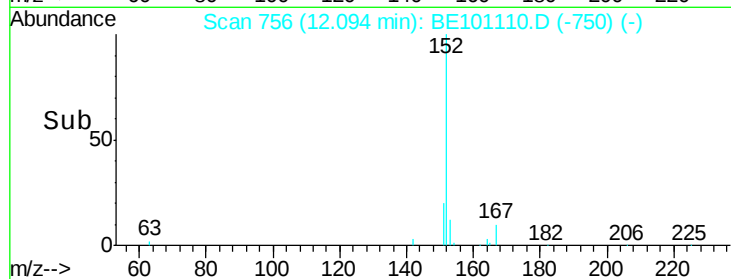
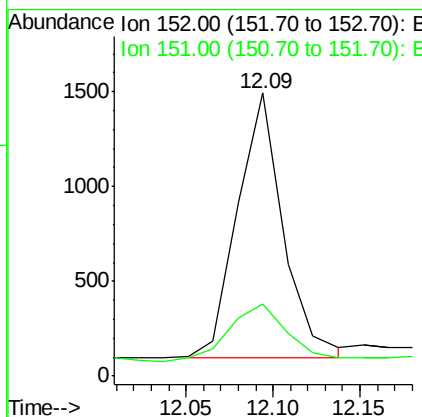
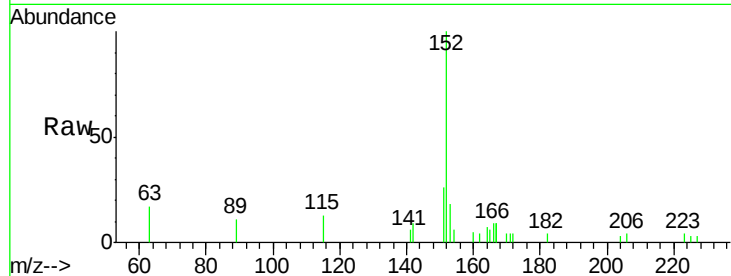
#11
2-Methylnaphthalene-d10
Concen: 0.328 ng m
RT: 12.09 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.0	22.6#

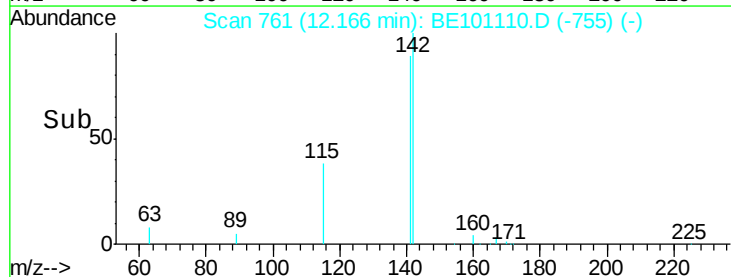
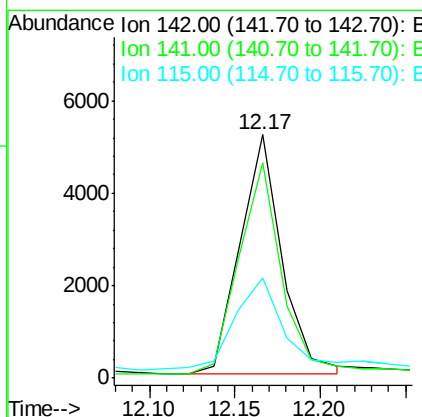
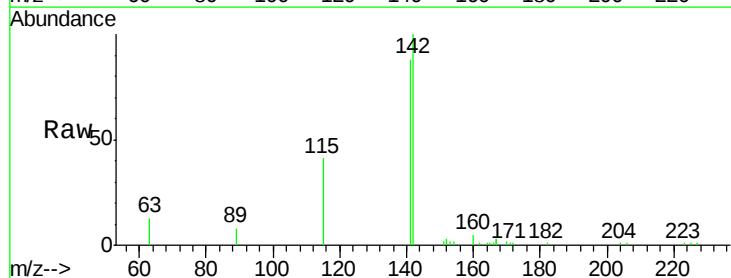
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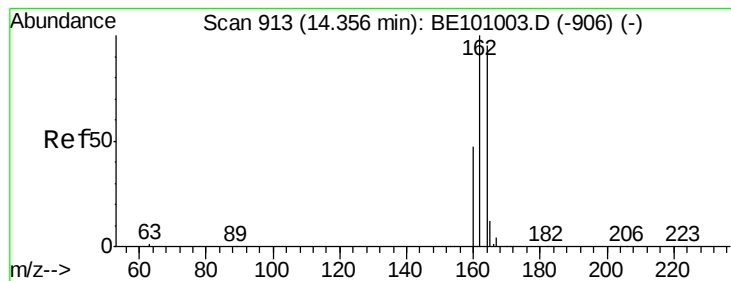
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#12
2-Methylnaphthalene
Concen: 1.284 ng m
RT: 12.17 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.5	108.7
115	41.4	33.0	49.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 913

Delta R.T. 0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

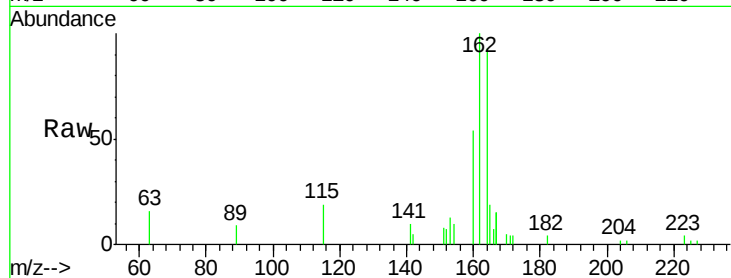
ClientSampleId :

SB-MW-14

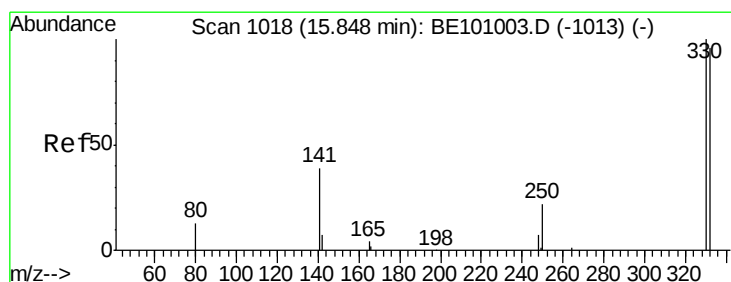
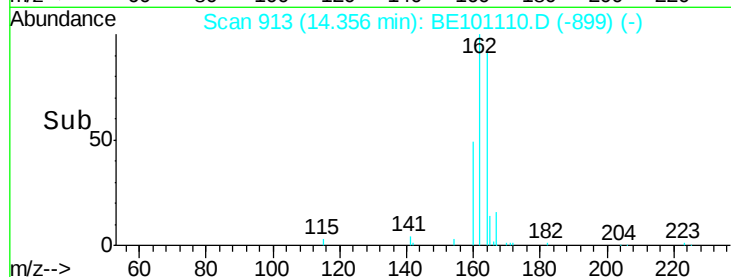
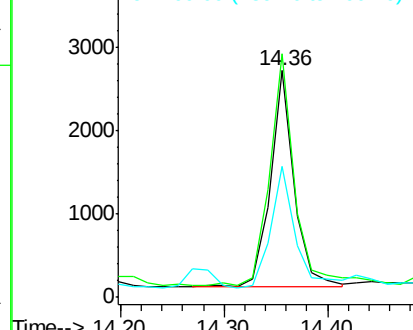
Tot Ion:	164	Resp:	4162
Ion	Ratio	Lower	Upper
164	100		
162	107.4	84.1	126.1
160	57.8	40.4	60.6

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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



#14

2,4,6-Tribromophenol

Concen: 0.731 ng

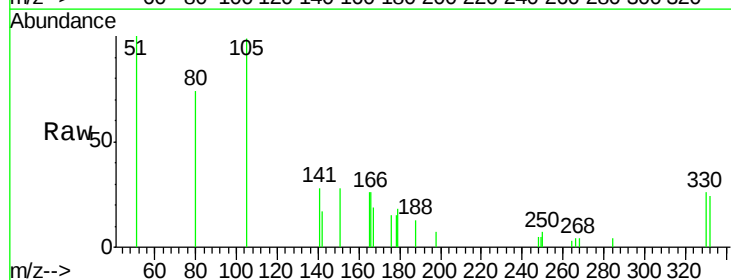
RT: 15.85 min Scan# 1018

Delta R.T. 0.00 min

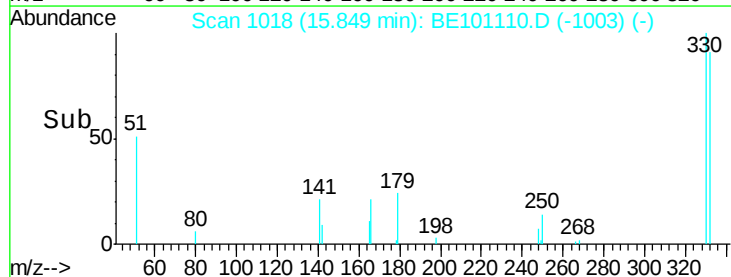
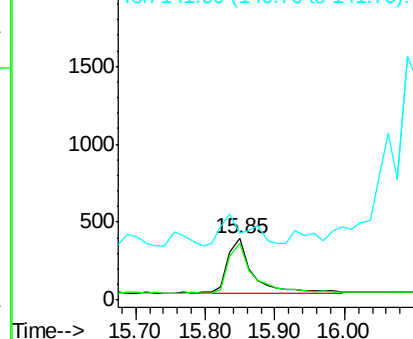
Lab File: BE101110.D

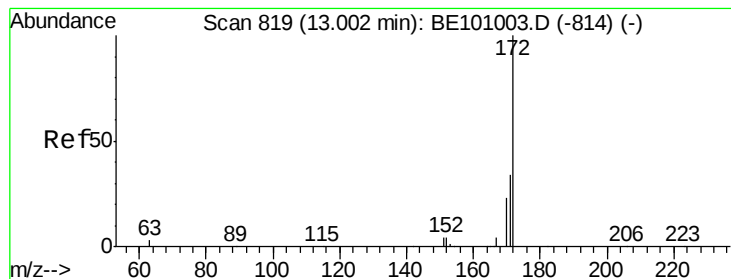
Acq: 21 Jan 2020 15:21

Tgt Ion:	330	Resp:	859
Ion	Ratio	Lower	Upper
330	100		
332	91.6	78.4	117.6
141	66.2	37.0	55.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





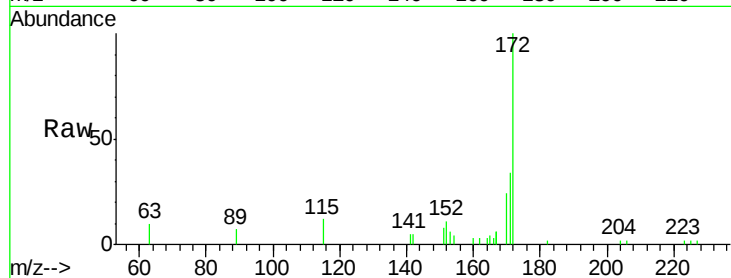
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.99 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

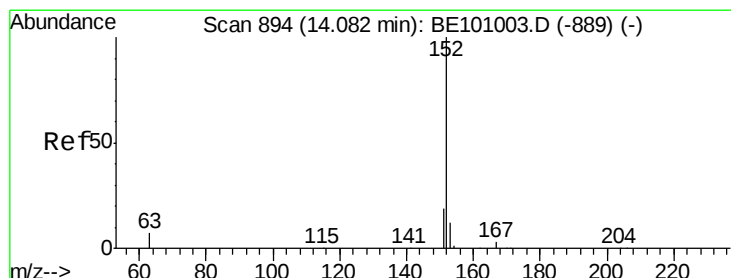
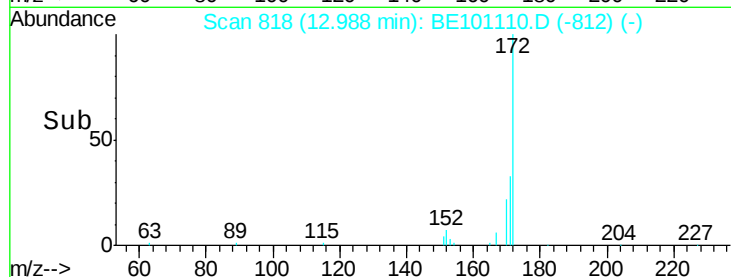
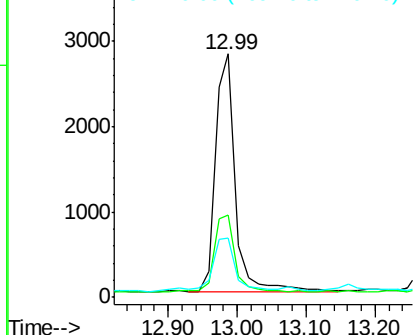
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	24.3	18.9	28.3

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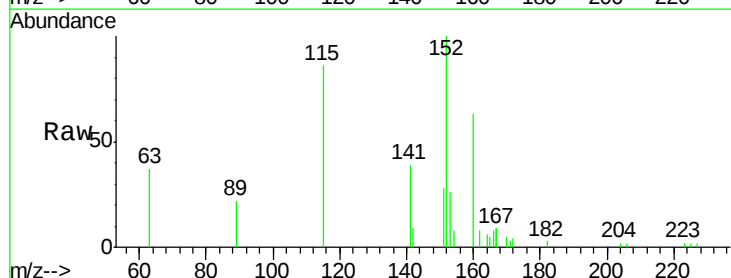


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

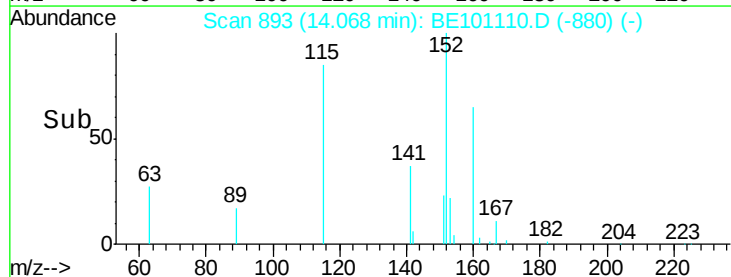
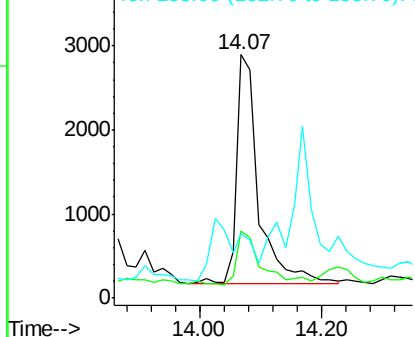


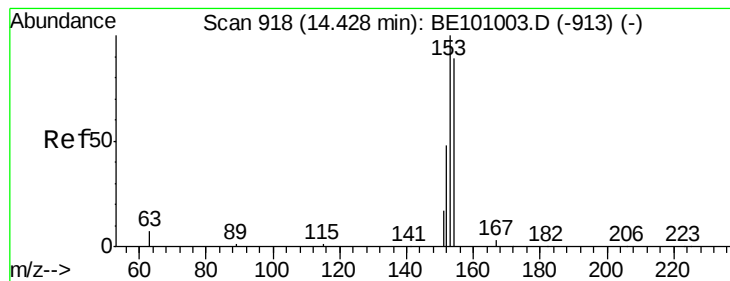
#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.07 min Scan# 893
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	15.5	23.3#
153	0.0	10.4	15.6#



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: 0.733 ng

RT: 14.41 min Scan# 917

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

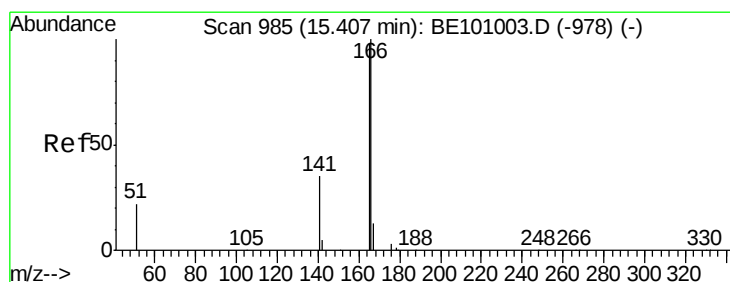
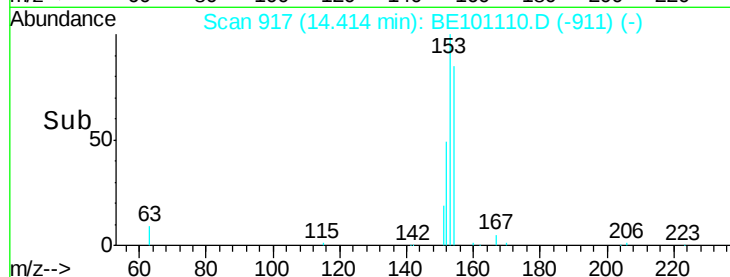
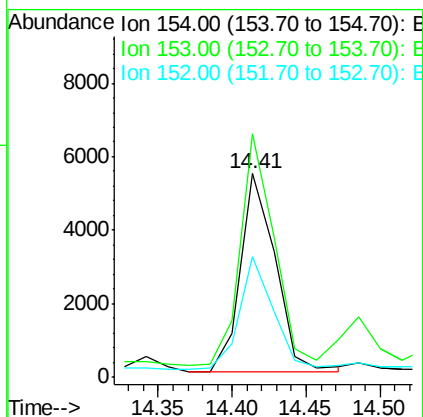
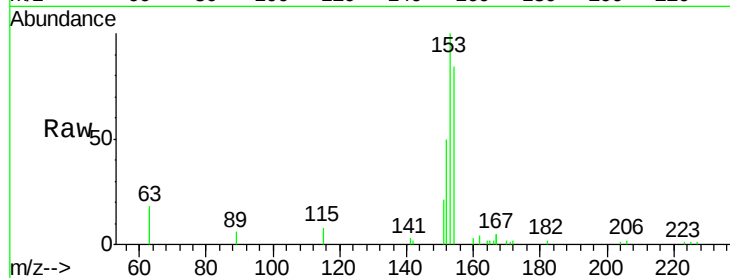
ClientSampleId :

SB-MW-14

Tot Ion:	154	Resp:	8892
Ion	Ratio	Lower	Upper
154	100		
153	111.9	93.6	140.4
152	56.9	46.3	69.5

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#18

Fluorene

Concen: 0.670 ng

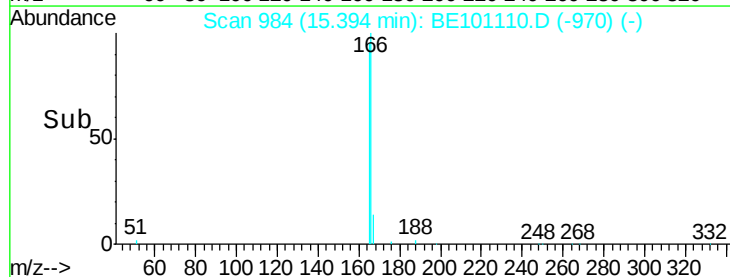
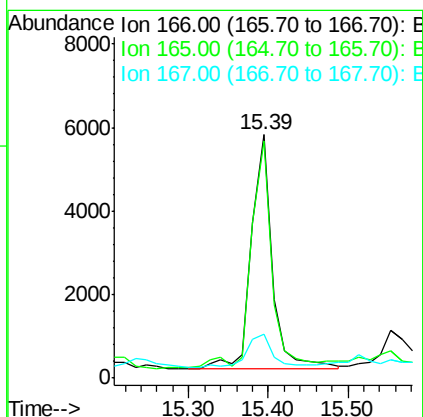
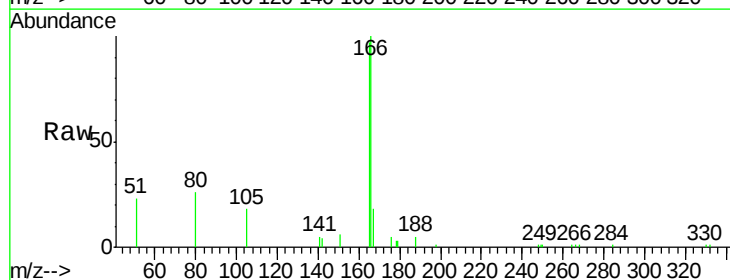
RT: 15.39 min Scan# 984

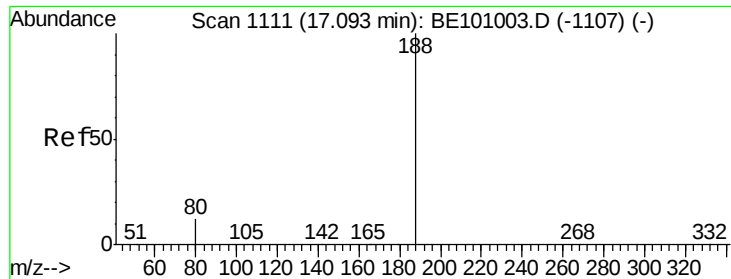
Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Tgt Ion:	166	Resp:	10283
Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.8	119.8
167	17.1	11.0	16.6#





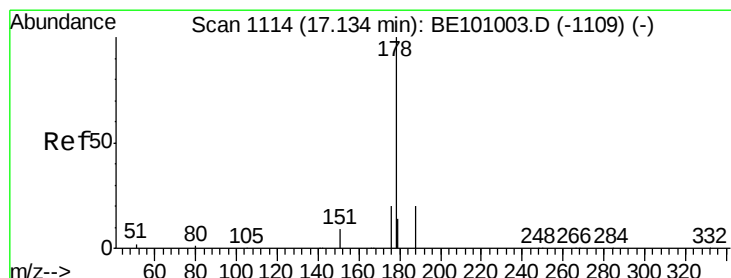
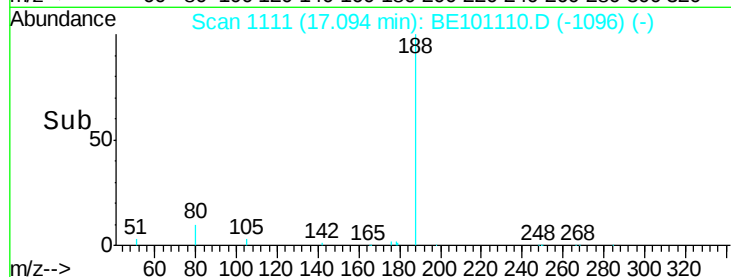
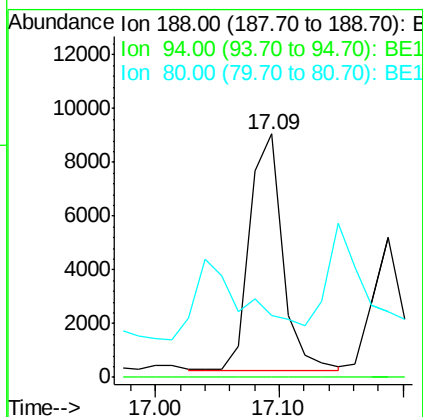
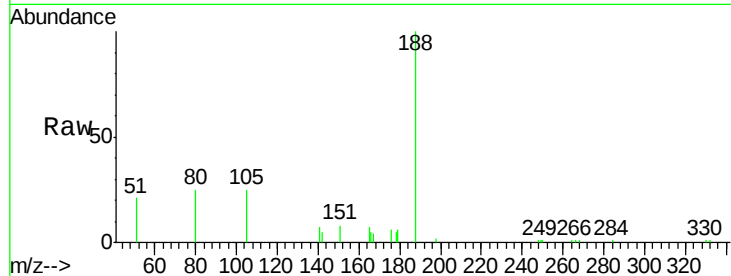
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	25.3	10.8	16.2

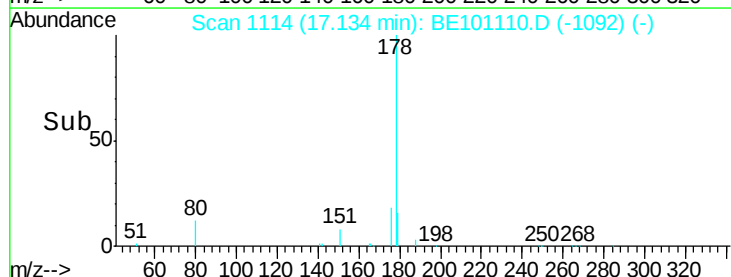
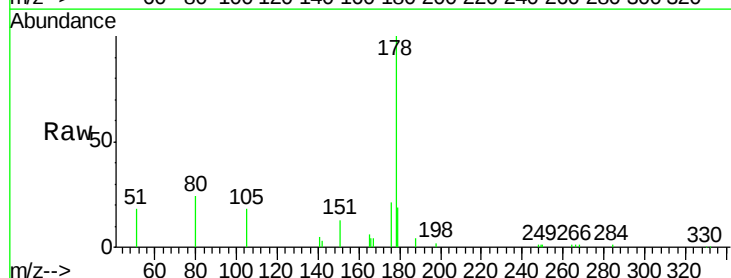
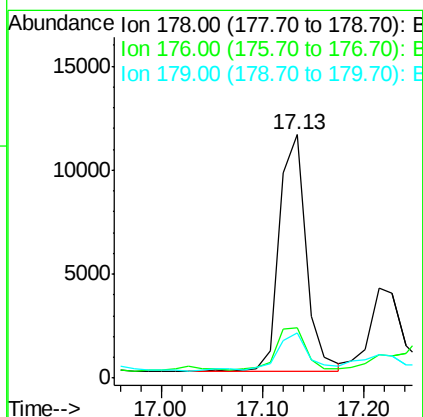
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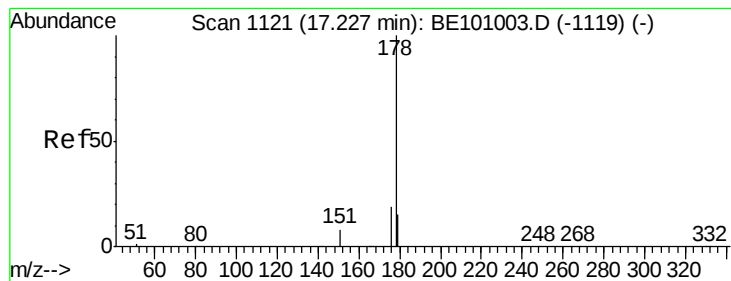
mohammad
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#23
Phenanthrene
Concen: 0.467 ng
RT: 17.13 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	15.7	23.5
179	19.3	12.0	18.0





#24

Anthracene

Concen: 0.181 ng

RT: 17.21 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

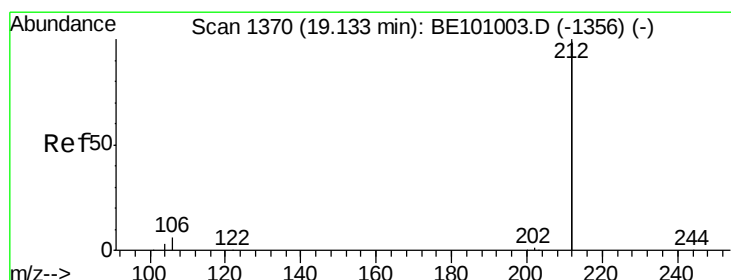
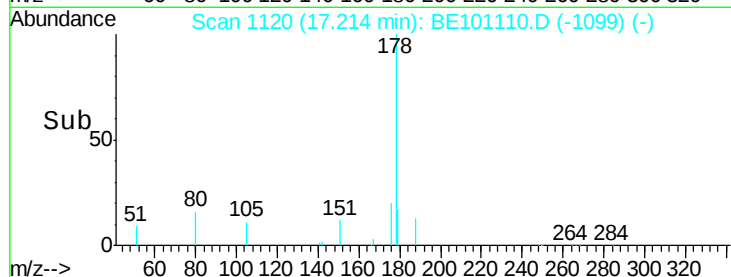
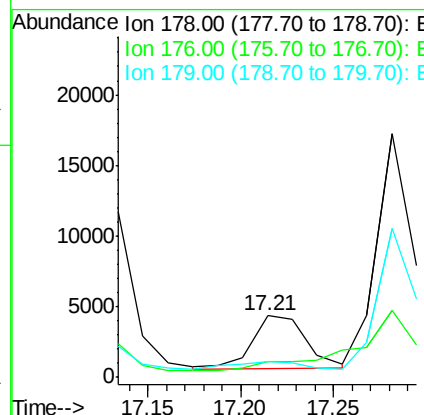
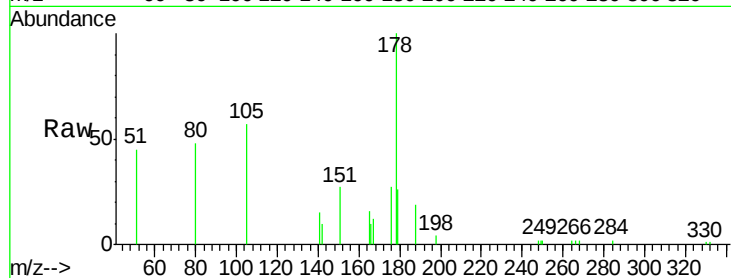
ClientSampleId :

SB-MW-14

Tot Ion:	178	Resp:	7584
Ion Ratio	Lower	Upper	
178	100		
176	0.0	14.8	22.2#
179	18.5	12.4	18.6

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#25

Fluoranthene-d10

Concen: 0.457 ng

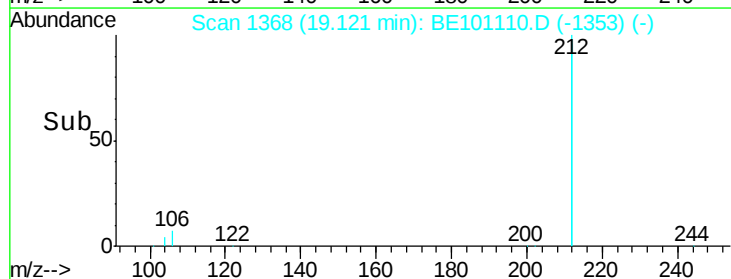
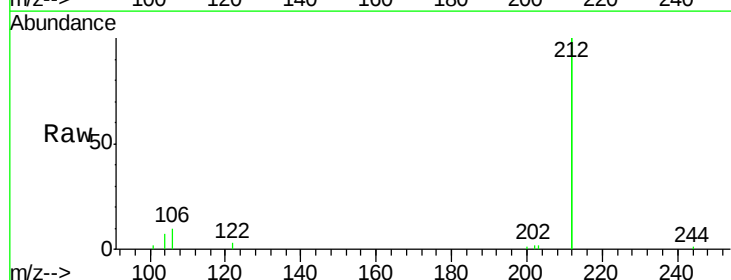
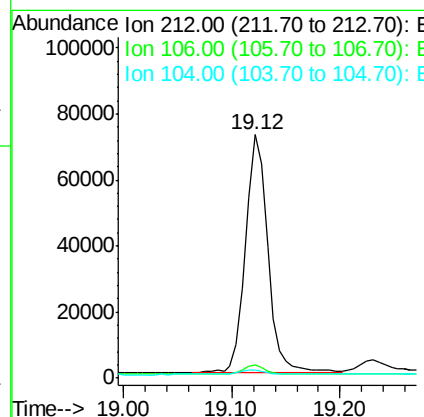
RT: 19.12 min Scan# 1368

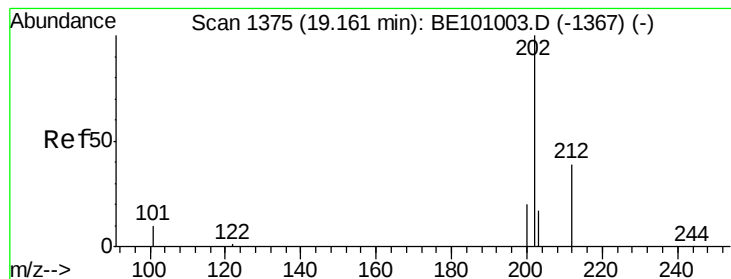
Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Tgt Ion:	212	Resp:	103426
Ion Ratio	Lower	Upper	
212	100		
106	3.7	2.6	3.8
104	2.0	1.4	2.0





#26

Fluoranthene

Concen: 0.183 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

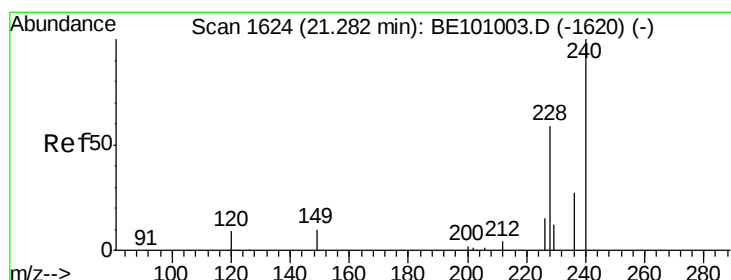
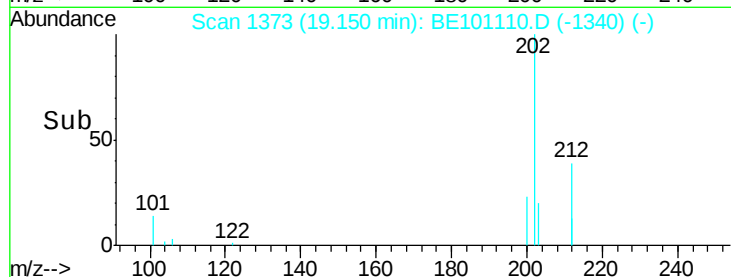
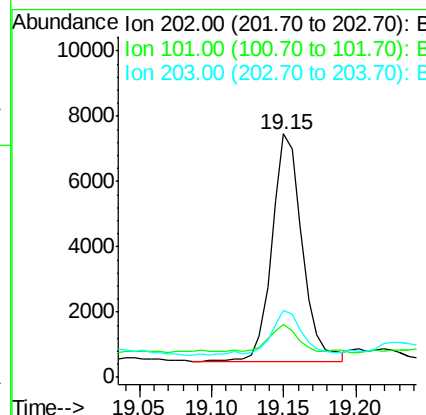
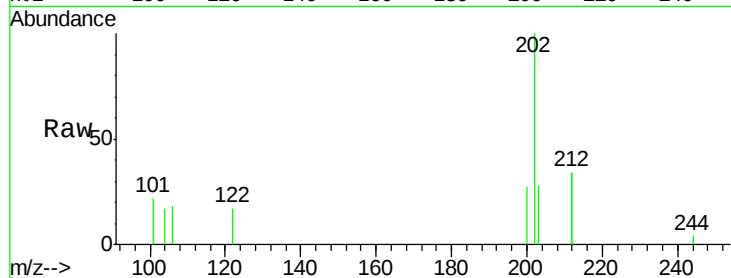
ClientSampleId :

SB-MW-14

Tot Ion:	202	Resp:	10212
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.6	14.4
203	19.9	13.8	20.6

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#27

Chrysene-d12

Concen: 0.400 ng

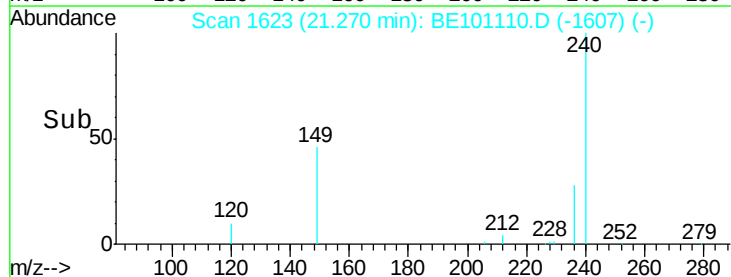
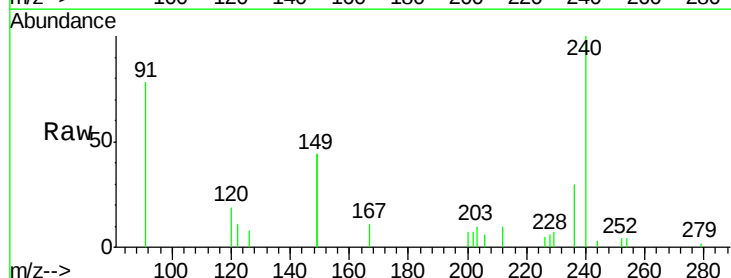
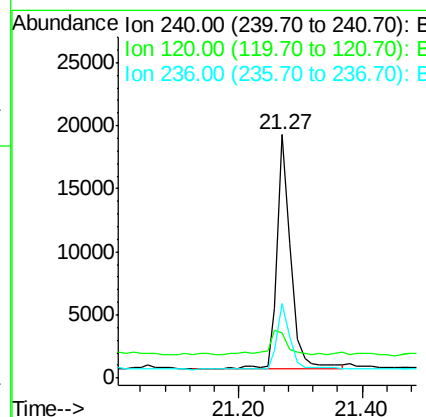
RT: 21.27 min Scan# 1623

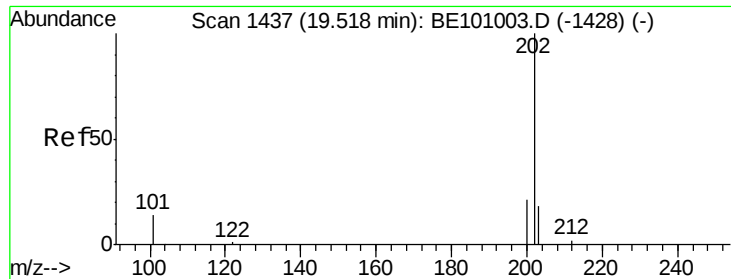
Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Tgt Ion:	240	Resp:	28255
Ion Ratio	Lower	Upper	
240	100		
120	18.7	8.6	13.0#
236	30.4	22.2	33.4





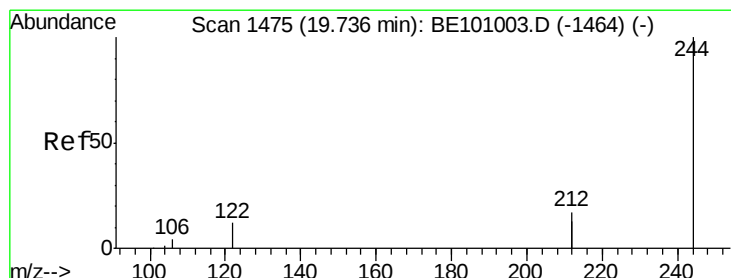
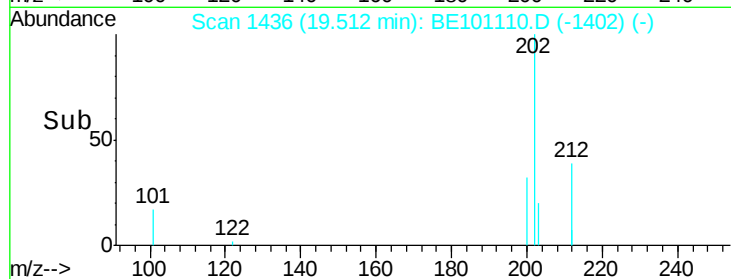
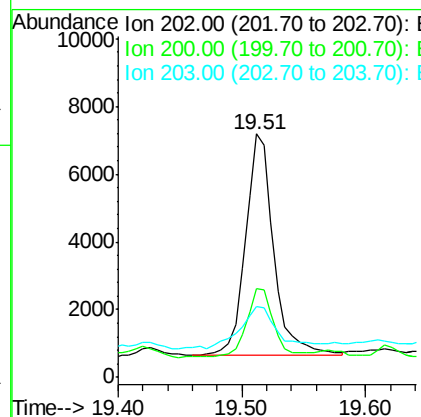
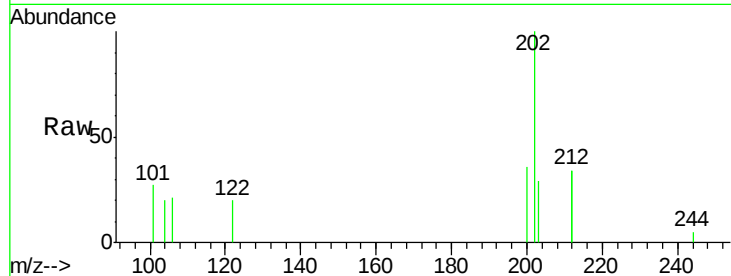
#28
Pvrene
Concen: 0.100 ng
RT: 19.51 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	29.2	17.0	25.4#
203	25.4	13.8	20.6#

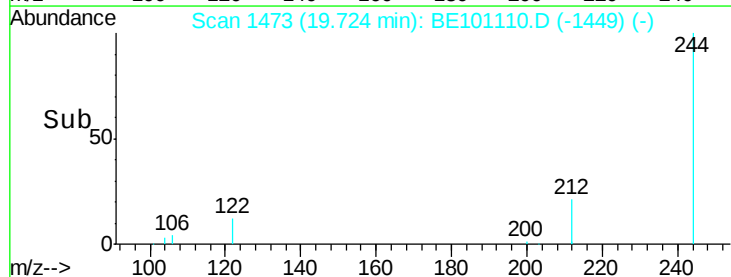
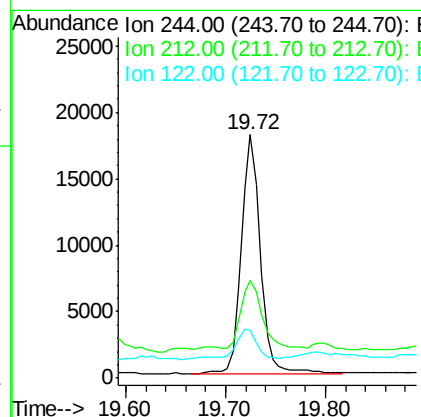
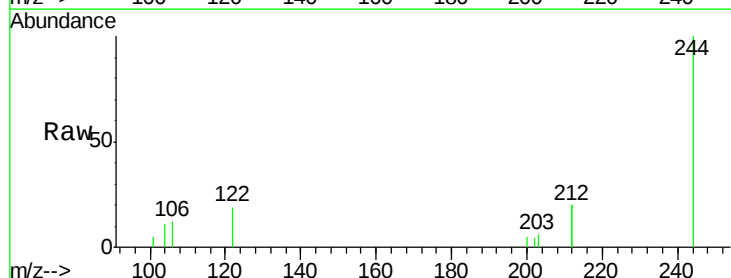
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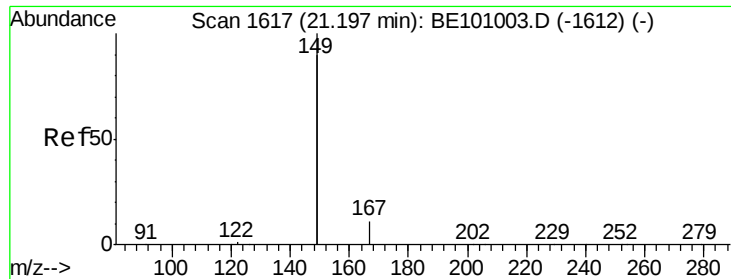
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#29
Terphenyl-d14
Concen: 0.346 ng
RT: 19.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	40.4	27.2	40.8
122	19.5	9.8	14.8#





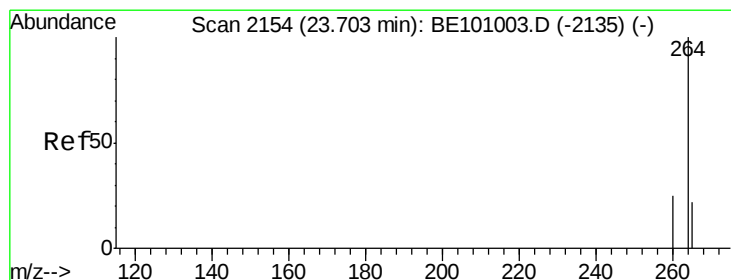
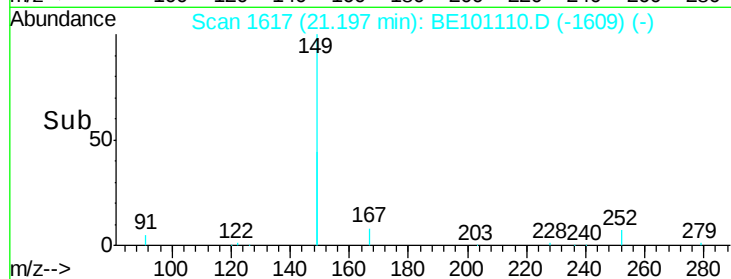
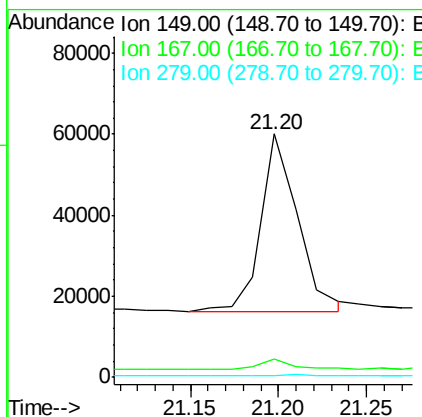
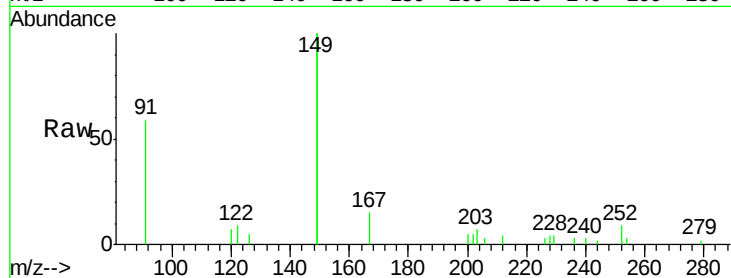
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.468 ng
 RT: 21.20 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

Tot Ion	Ratio	Lower	Upper
149	100		
167	5.4	5.2	7.8
279	0.7	0.8	1.2#

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	29.9	27.0	40.4

