

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
 Data File : BE101050.D
 Acq On : 14 Jan 2020 13:11
 Operator : JU
 Sample : L1103-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-19(3-5)

Manual Integrations
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mohammad
 1/16/2020 1:42:30 PM

Quant Time: Jan 15 10:09:52 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	7.73	152	3212	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13282	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8985	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21140	0.40	ng	0.00
27) Chrysene-d12	21.27	240	20938	0.40	ng	-0.01
34) Perylene-d12	23.69	264	23232	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.34	112	2112	0.29	ng	0.00
5) Phenol-d6	6.91	99	3240	0.35	ng	0.00
8) Nitrobenzene-d5	8.89	82	2464	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	7327	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	454	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	11148	0.33	ng	-0.01
25) Fluoranthene-d10	19.12	212	95571	0.33	ng	-0.01
29) Terphenyl-d14	19.72	244	18122	0.35	ng	-0.01

Target Compounds

						Qvalue
9) Naphthalene	10.55	128	7302	0.050	ng	# 94
12) 2-Methylnaphthalene	12.18	142	572	0.026	ng	# 81
16) Acenaphthylene	14.08	152	2008	0.055	ng	96
23) Phenanthrene	17.13	178	5023	0.087	ng	97
26) Fluoranthene	19.15	202	13374	0.185	ng	99
28) Pyrene	19.51	202	15751	0.202	ng	97
30) Benzo(a)anthracene	21.26	228	9186m	0.154	ng	
31) Chrysene	21.31	228	11061	0.125	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	12981	0.130	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	6080	0.087	ng	98
35) Benzo(b)fluoranthene	22.95	252	12056	0.185	ng	# 93
36) Benzo(k)fluoranthene	23.00	252	6192m	0.066	ng	
37) Benzo(a)pyrene	23.58	252	7717	0.122	ng	# 93
38) Dibenzo(a,h)anthracene	26.24	278	1422m	0.025	ng	
39) Benzo(a,h,i)perylene	27.01	276	7461	0.105	ng	93

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

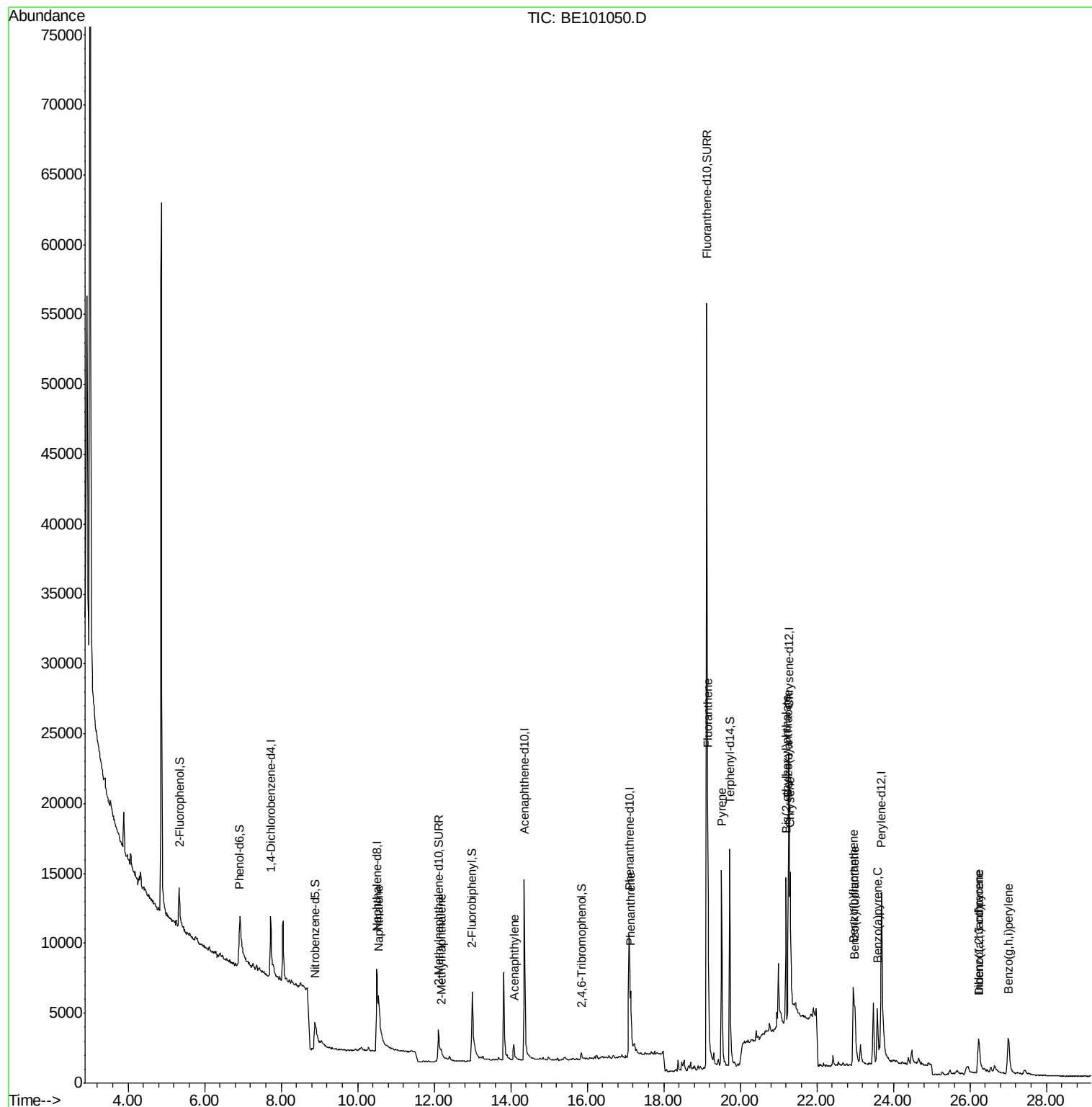
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101050.D
Acq On : 14 Jan 2020 13:11
Operator : JU
Sample : L1103-07
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ALS Vial : 5 Sample Multiplier: 1

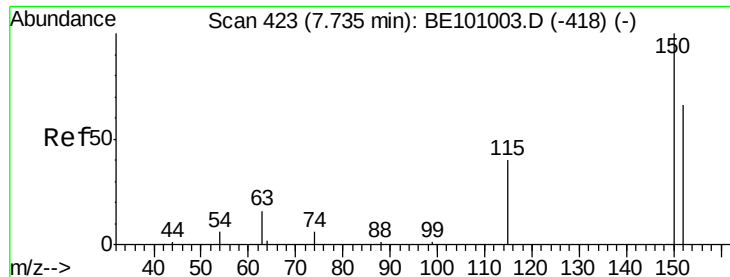
Instrument :
BNA_E
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SB-MW-19(3-5)

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Quant Time: Jan 15 10:09:52 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

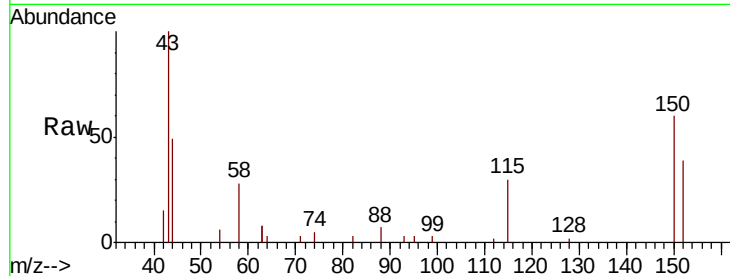
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	120.3	180.5
115	75.9	51.7	77.5

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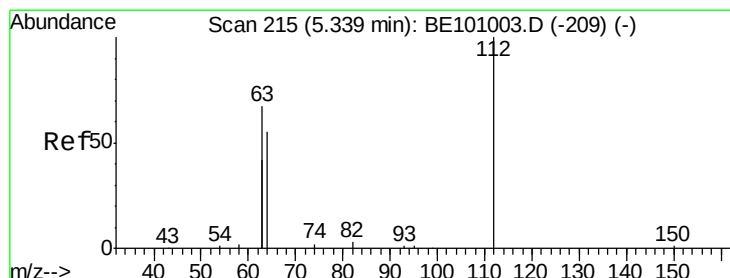
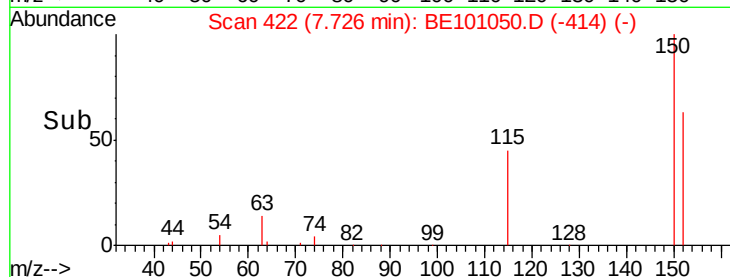
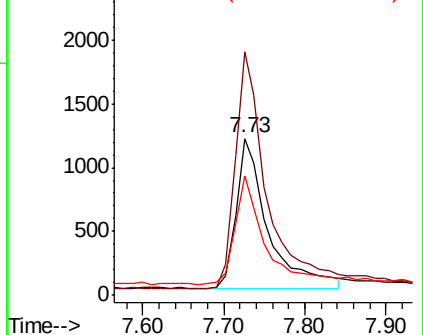


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

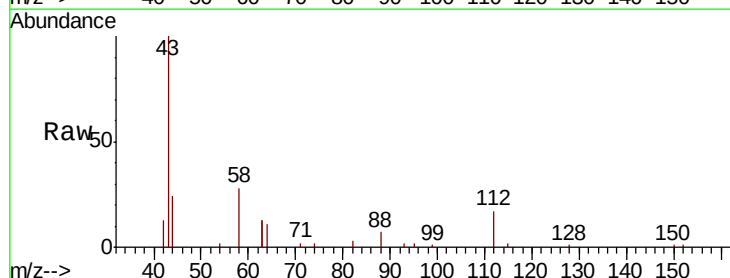
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.292 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	53.6	80.4
63	154.8	114.6	172.0

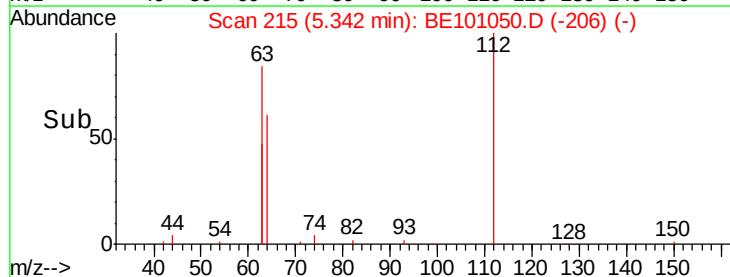
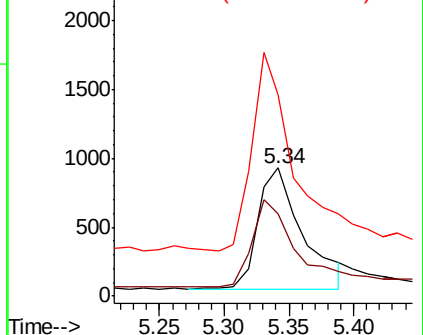


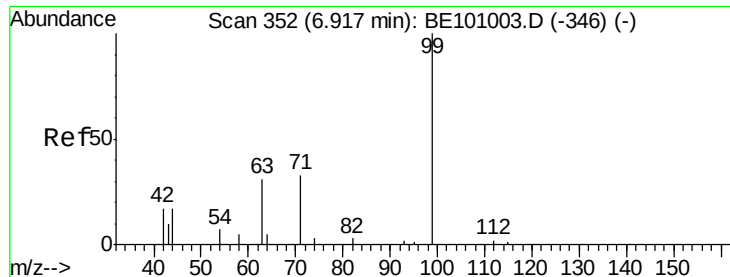
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Instrument :

BNA_E

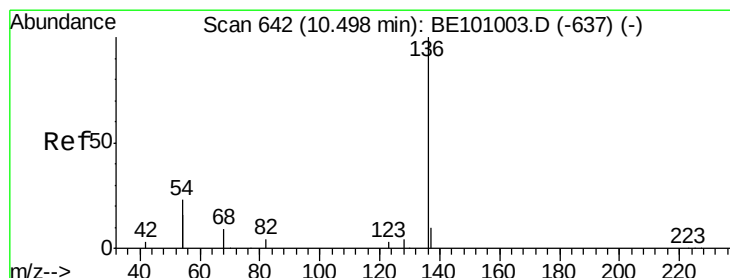
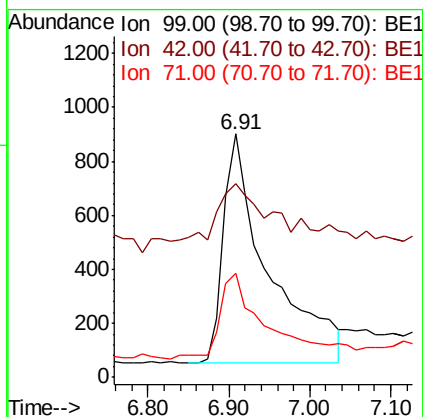
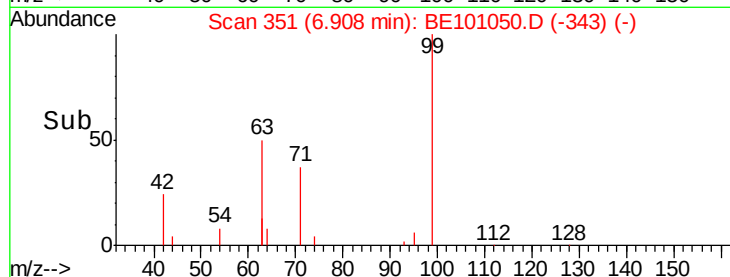
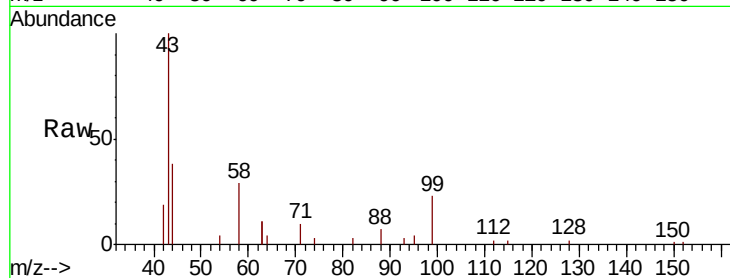
ClientSampleId :

SB-MW-19(3-5)

Tot Ion:	99	Resp:	3240
Ion	Ratio	Lower	Upper
99	100		
42	29.1	18.3	27.5#
71	37.6	28.0	42.0

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#7

Naphthalene-d8

Concen: 0.400 ng

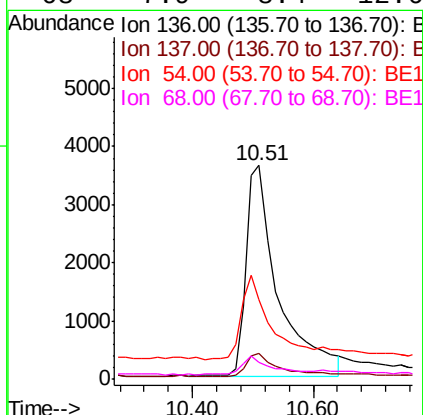
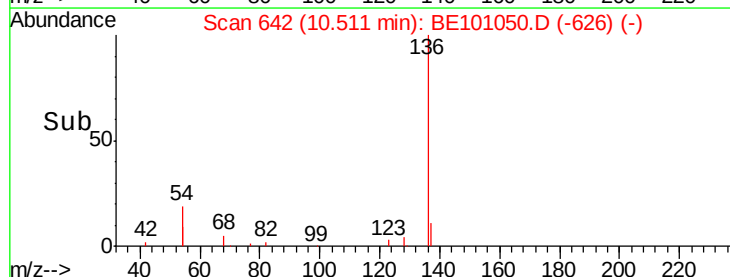
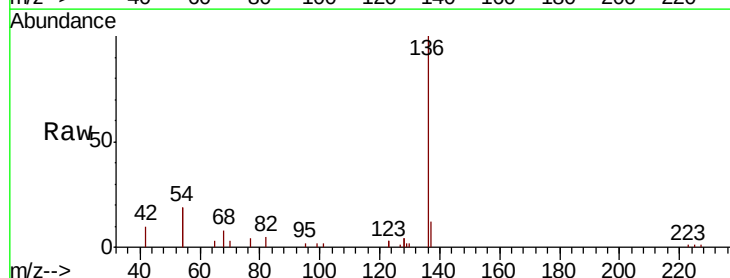
RT: 10.51 min Scan# 642

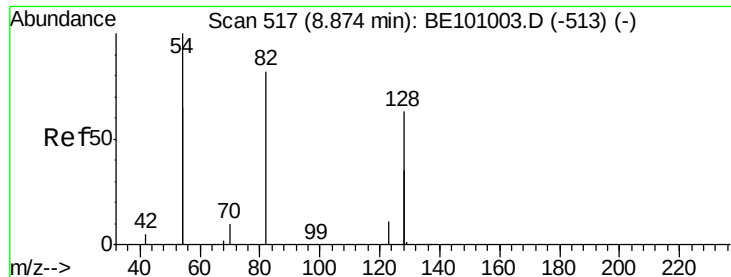
Delta R.T. 0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Tgt Ion:	136	Resp:	13282
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	37.2	36.8	55.2
68	7.9	8.4	12.6#





#8

Nitrobenzene-d5

Concen: 0.259 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Instrument :

BNA_E

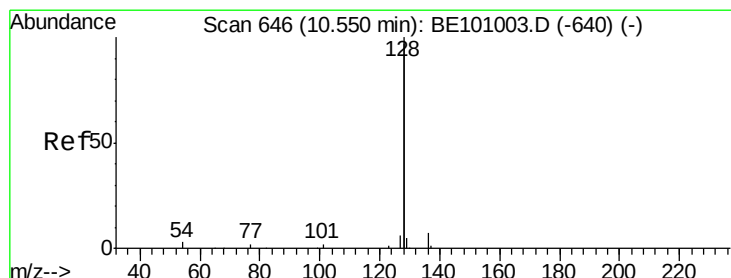
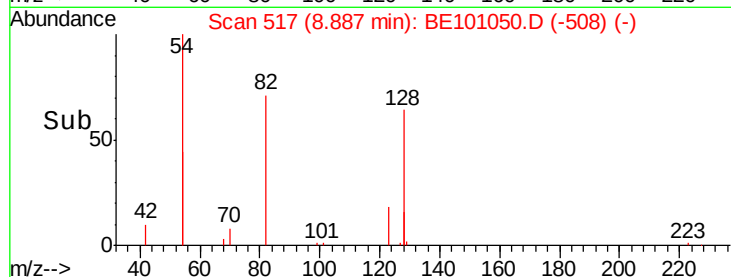
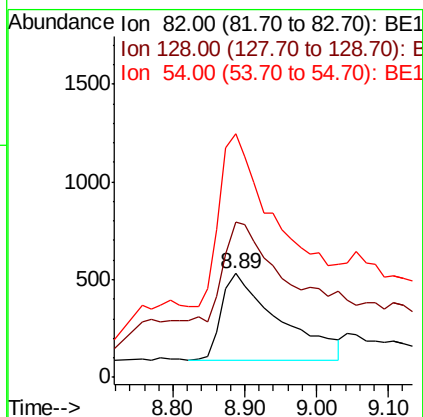
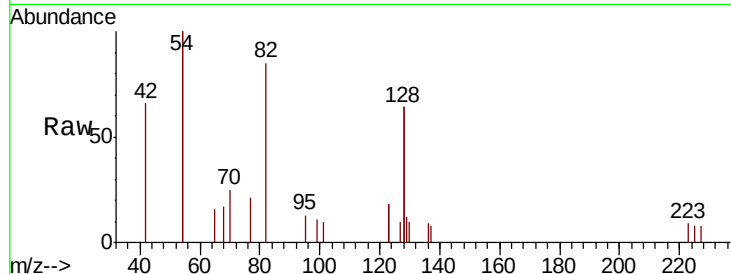
ClientSampleId :

SB-MW-19(3-5)

Tot Ion:	82	Resp:	2464
Ion	Ratio	Lower	Upper
82	100		
128	149.2	109.8	164.6
54	234.2	174.5	261.7

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#9

Naphthalene

Concen: 0.050 ng

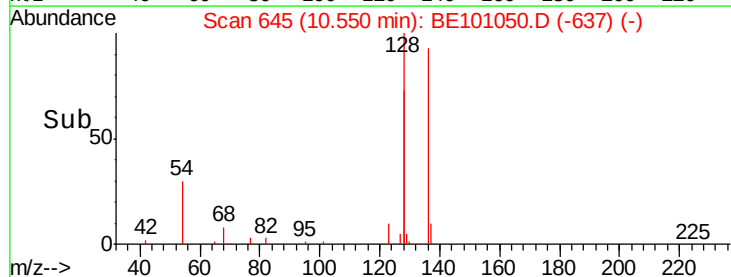
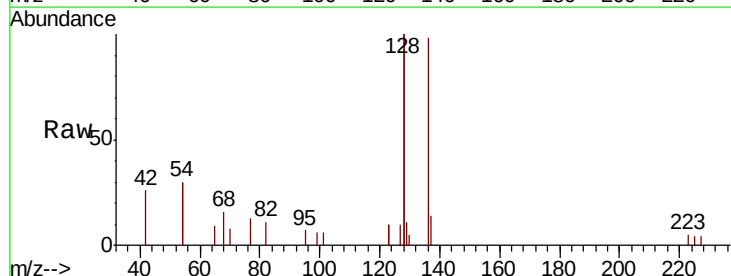
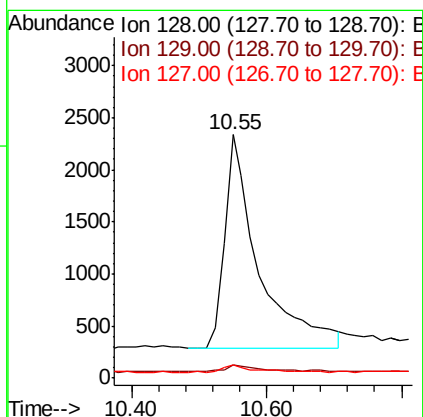
RT: 10.55 min Scan# 645

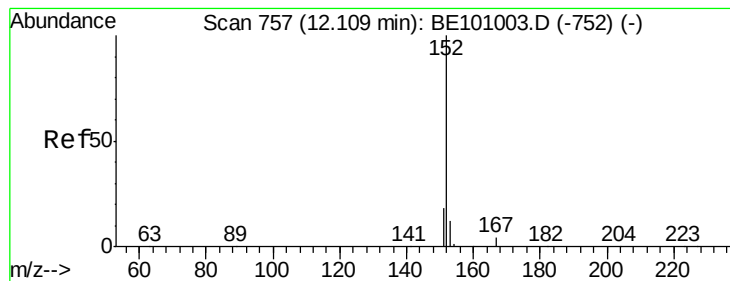
Delta R.T. -0.00 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Tgt Ion:	128	Resp:	7302
Ion	Ratio	Lower	Upper
128	100		
129	5.3	2.3	3.5#
127	5.2	2.7	4.1#





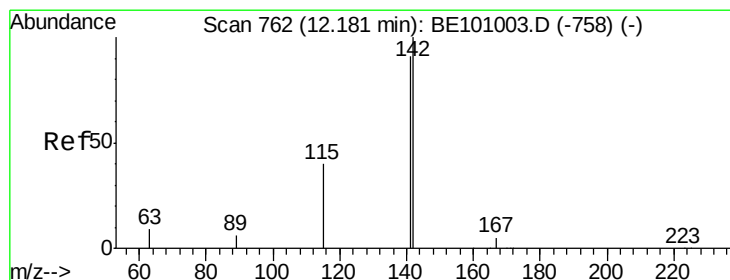
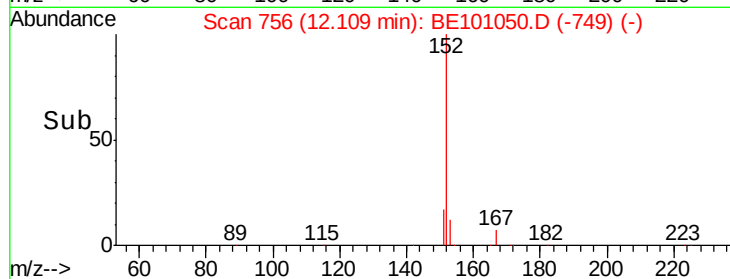
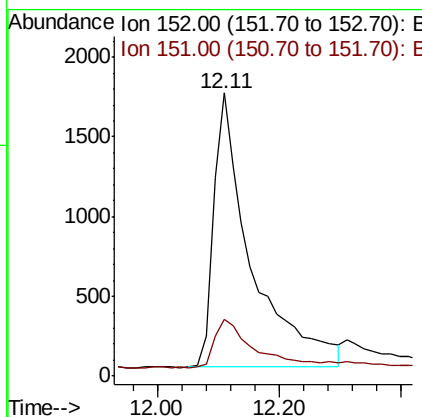
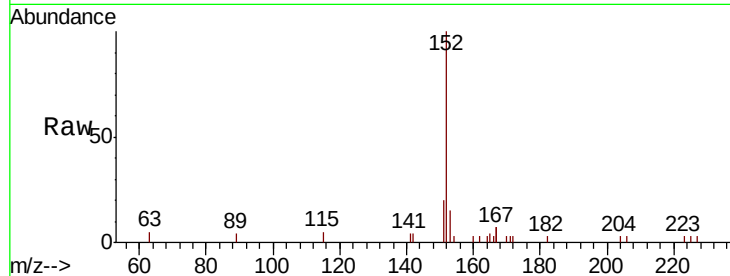
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.0	22.6

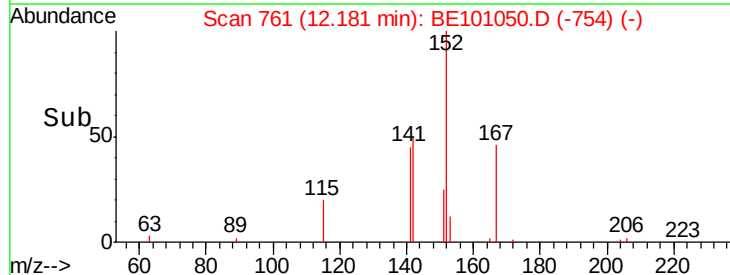
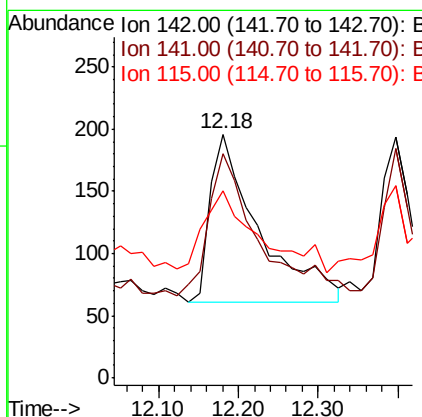
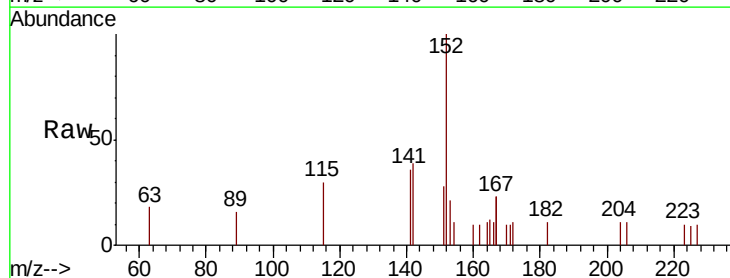
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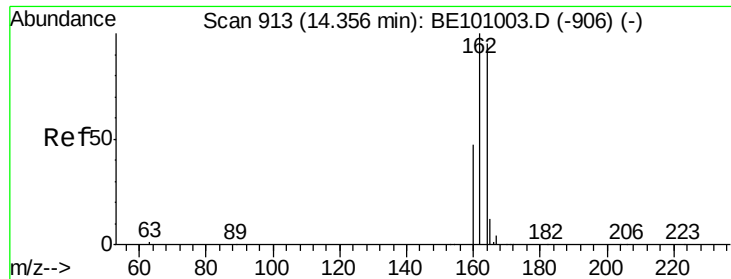
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#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.5	108.7
115	77.0	33.0	49.6





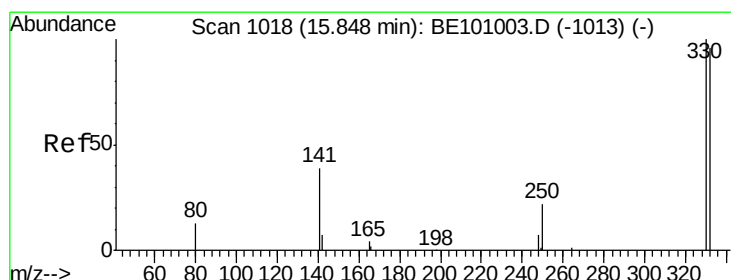
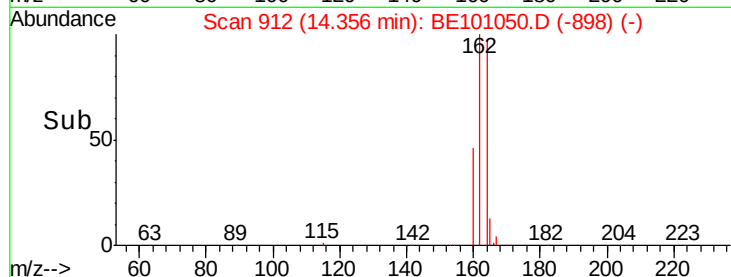
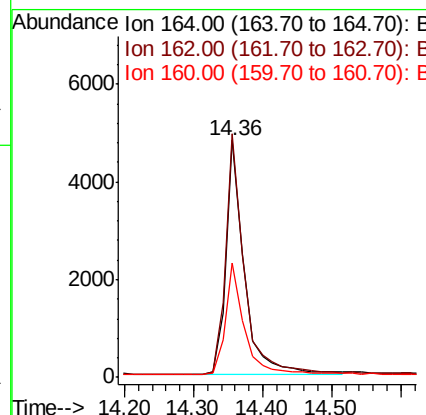
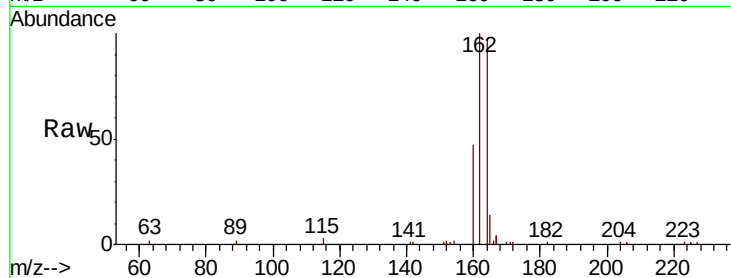
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.1	126.1
160	48.3	40.4	60.6

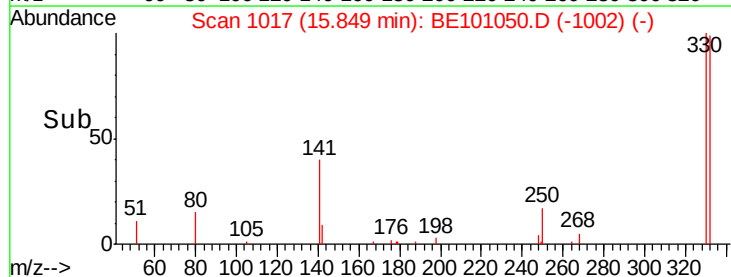
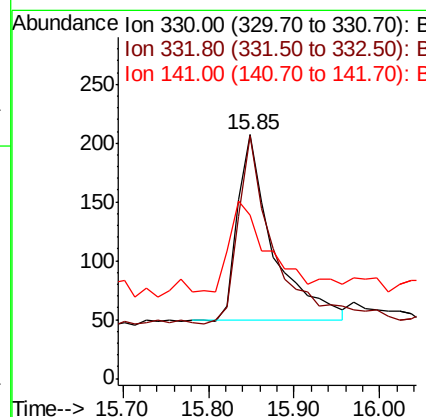
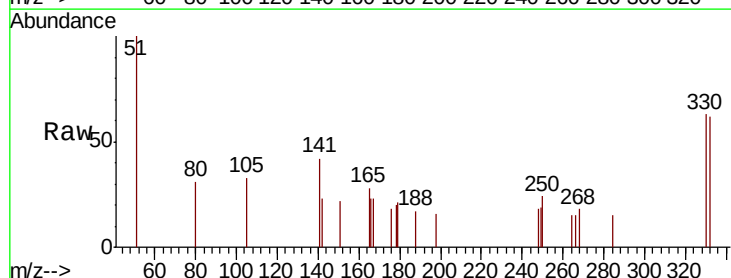
Manual Integrations
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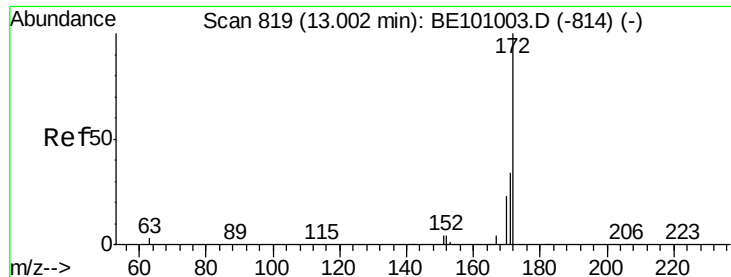
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#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.7	78.4	117.6
141	52.9	37.0	55.4





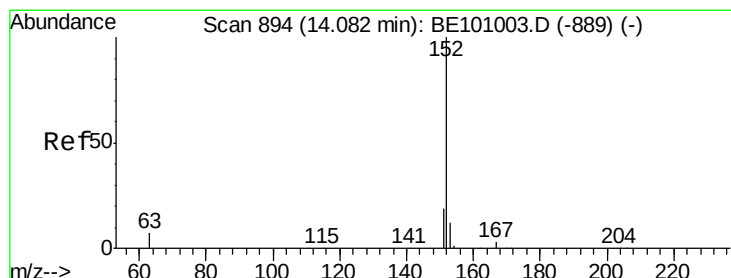
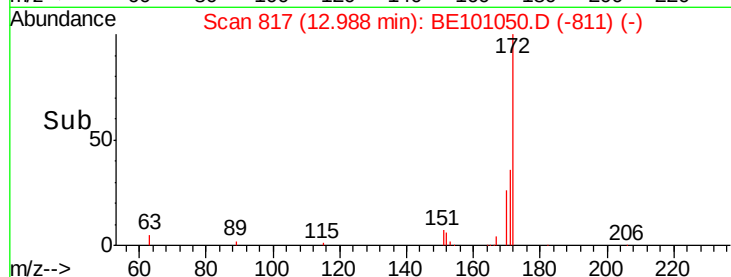
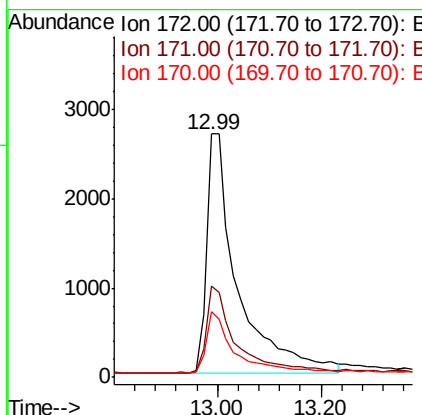
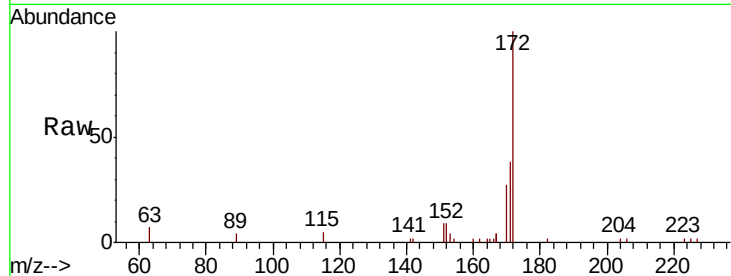
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.2	42.2
170	26.8	18.9	28.3

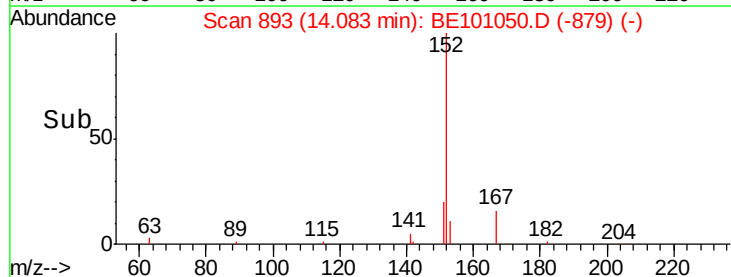
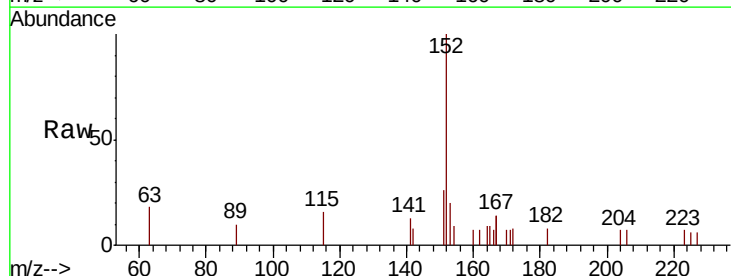
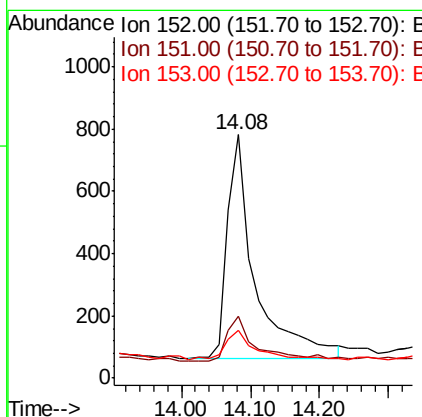
Manual Integrations
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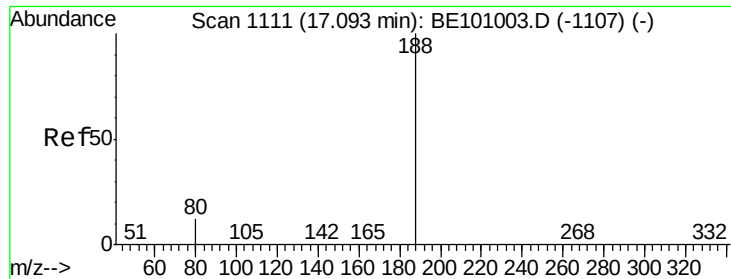
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#16
Acenaphthylene
Concen: 0.055 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.5	23.3
153	13.8	10.4	15.6





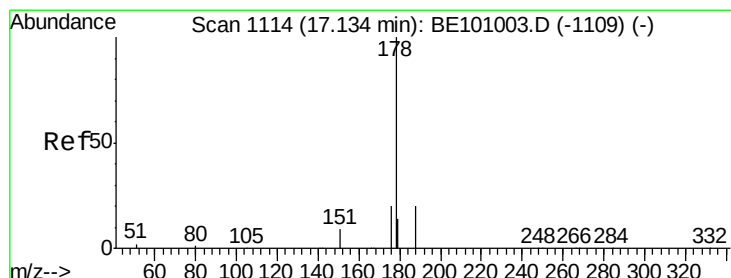
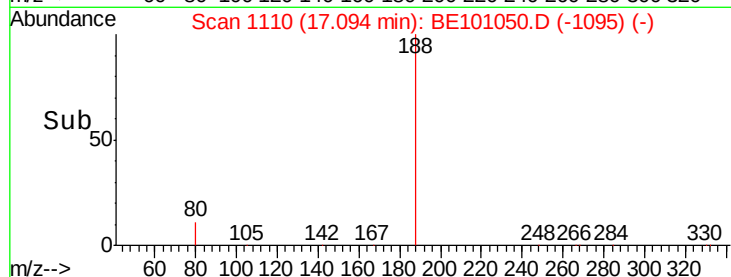
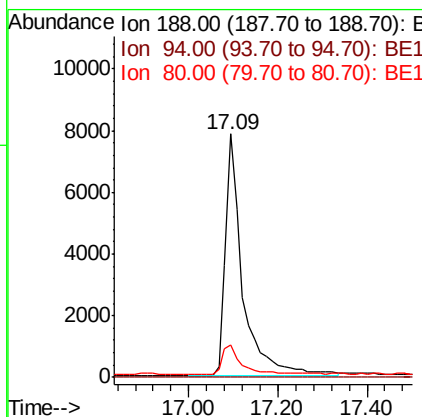
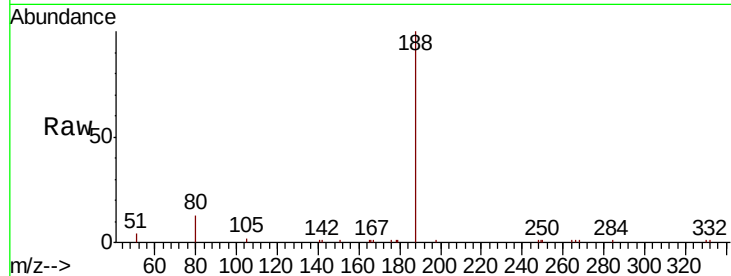
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.8	16.2

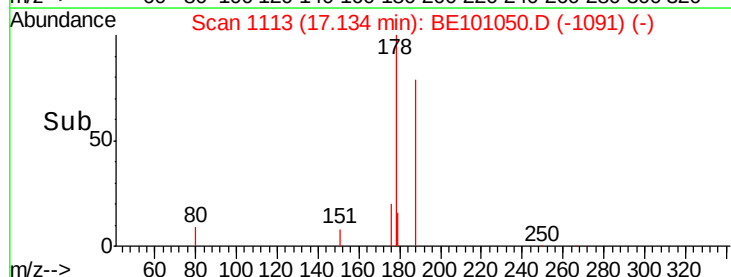
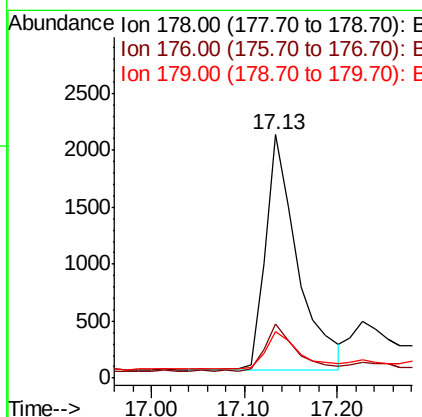
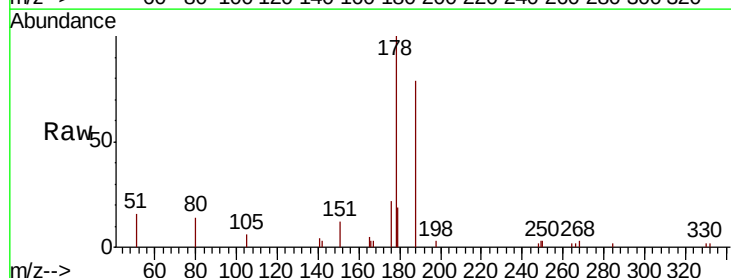
Manual Integrations
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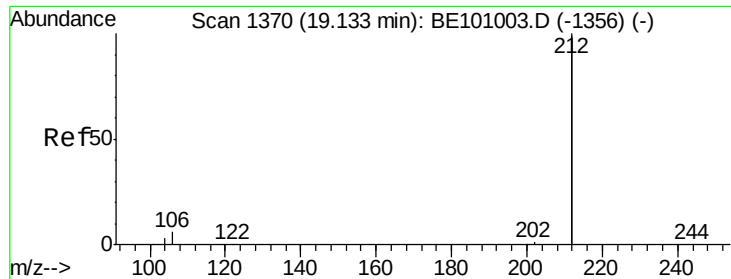
mohammad
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#23
Phenanthrene
Concen: 0.087 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	17.1	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Instrument :

BNA_E

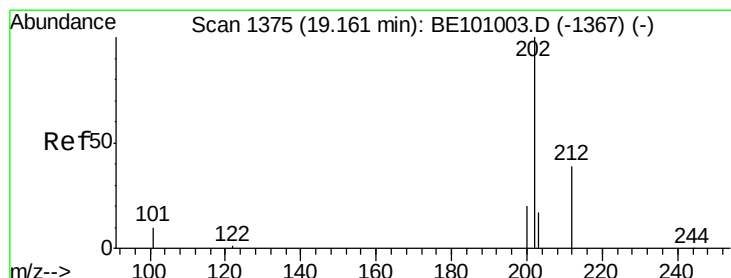
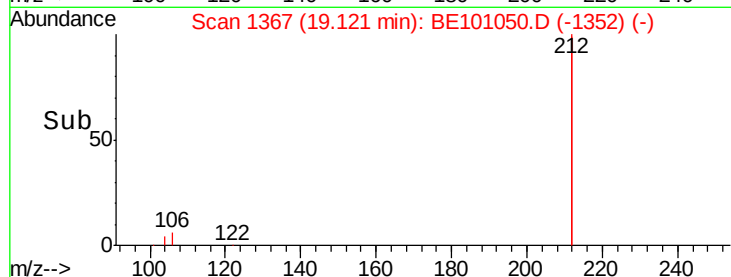
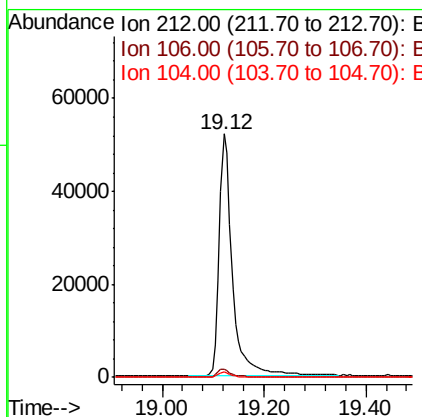
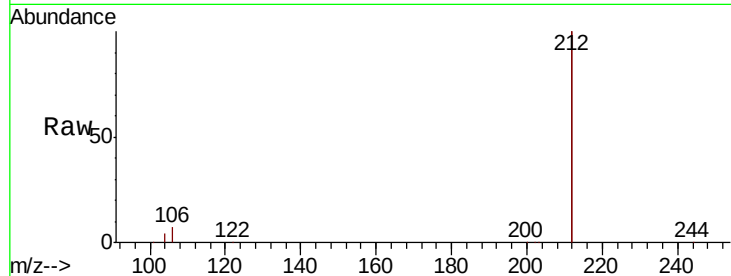
ClientSampleId :

SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.0

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#26

Fluoranthene

Concen: 0.185 ng

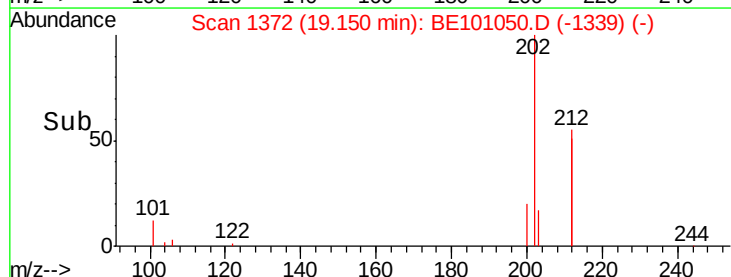
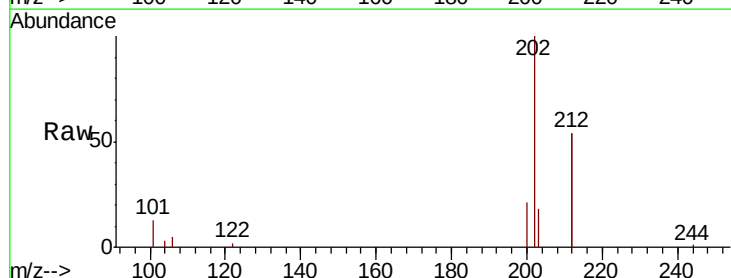
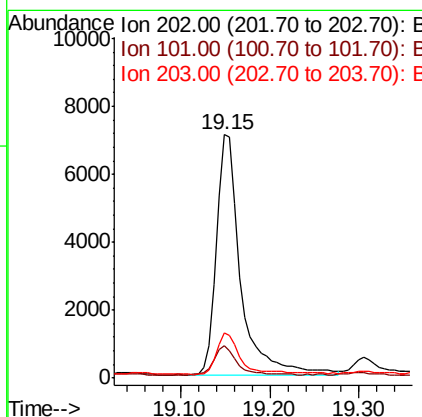
RT: 19.15 min Scan# 1372

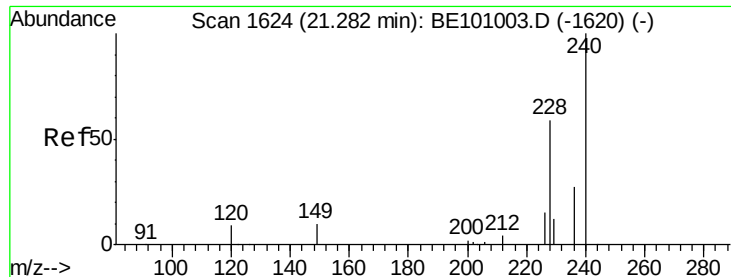
Delta R.T. -0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
203	16.8	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

Instrument :

BNA_E

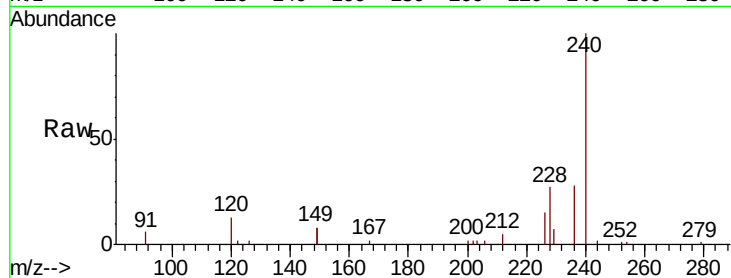
ClientSampled :

SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.6	13.0#
236	27.9	22.2	33.4

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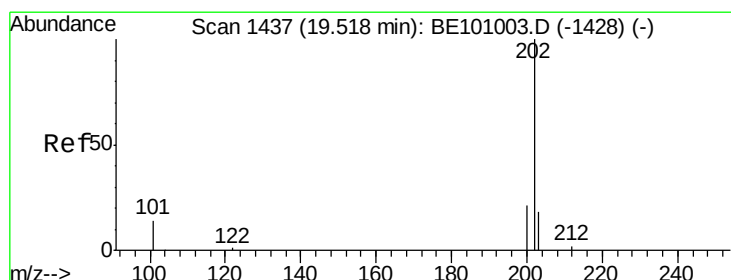
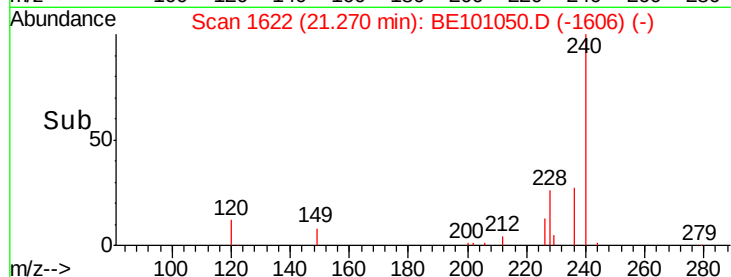
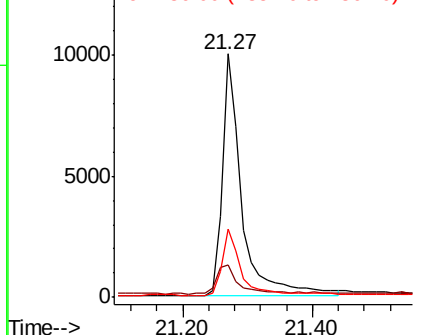


Abundance

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: 0.202 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101050.D

Acq: 14 Jan 2020 13:11

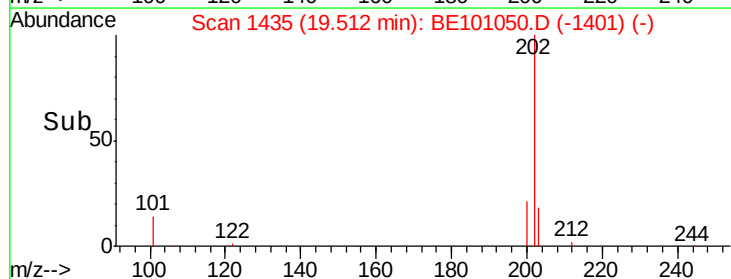
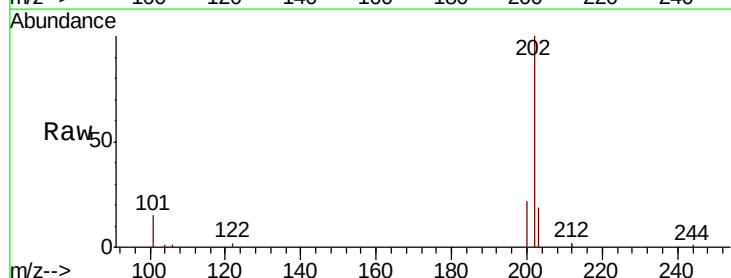
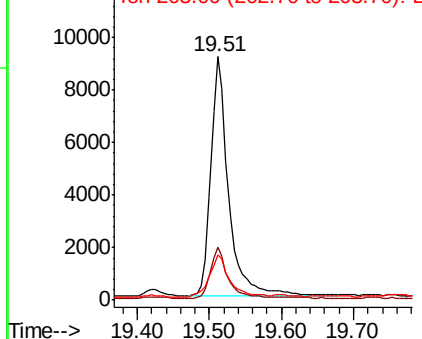
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	19.4	13.8	20.6

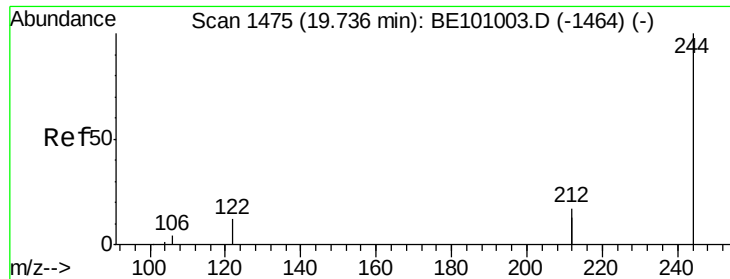
Abundance

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





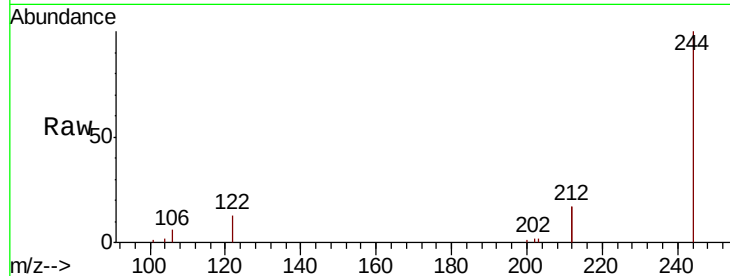
#29
 Terphenyl-d14
 Concen: 0.353 ng
 RT: 19.72 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BE101050.D
 Acq: 14 Jan 2020 13:11

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-19(3-5)

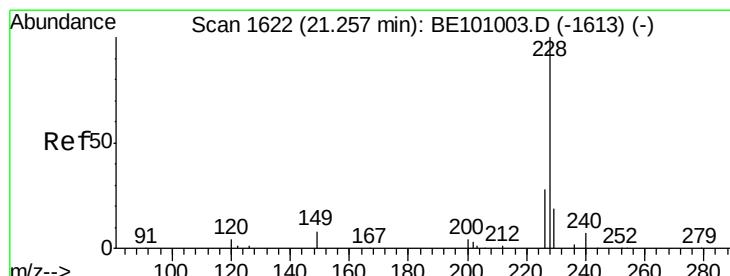
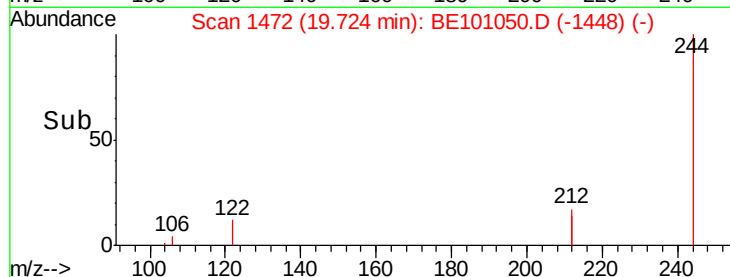
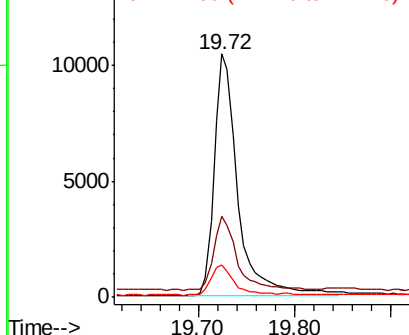
Tot Ion	Ratio	Lower	Upper
244	100		
212	33.5	27.2	40.8
122	13.2	9.8	14.8

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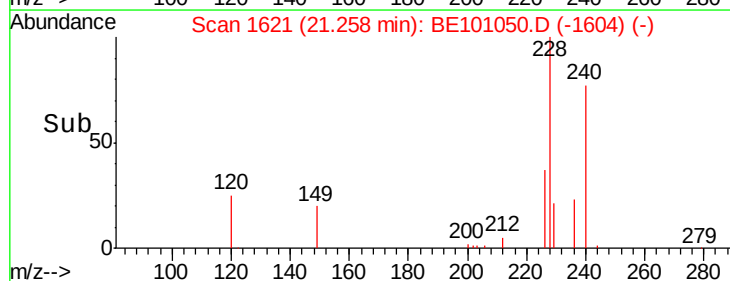
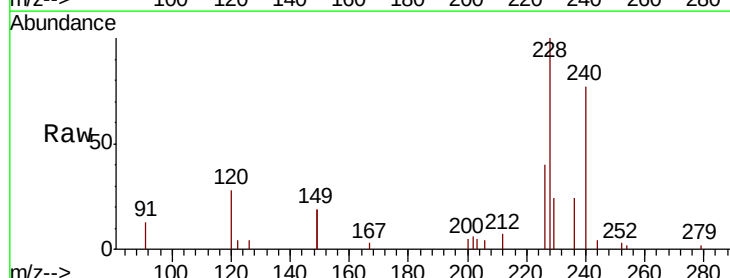
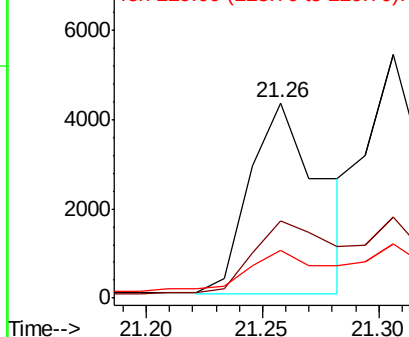
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

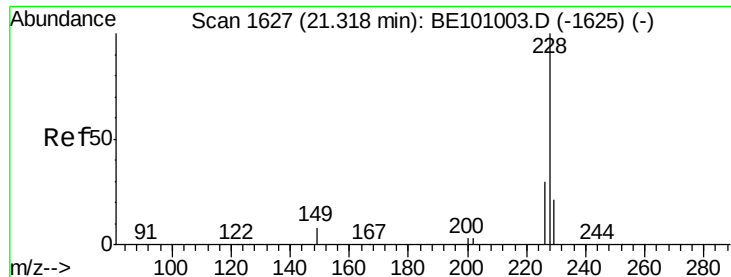


#30
 Benzo(a)anthracene
 Concen: 0.154 ng m
 RT: 21.26 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BE101050.D
 Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.8	22.7	34.1#
229	24.5	15.5	23.3#

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





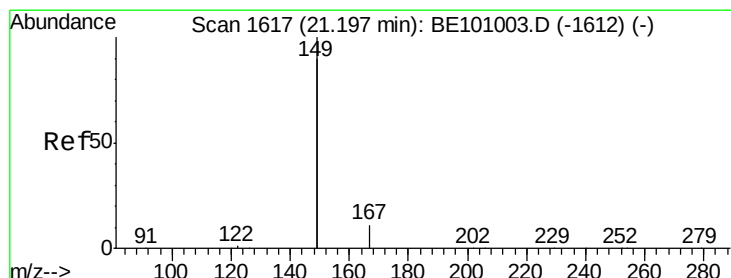
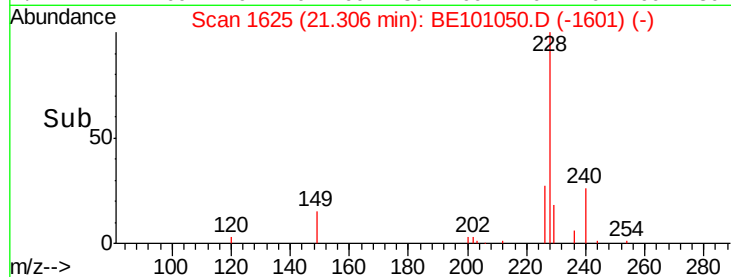
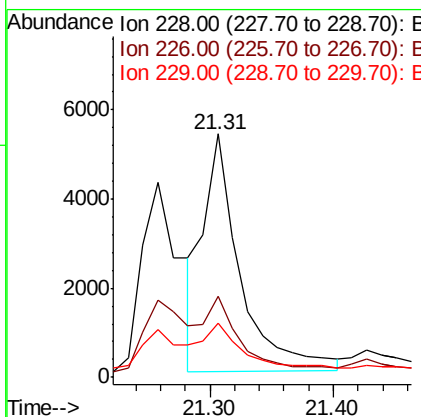
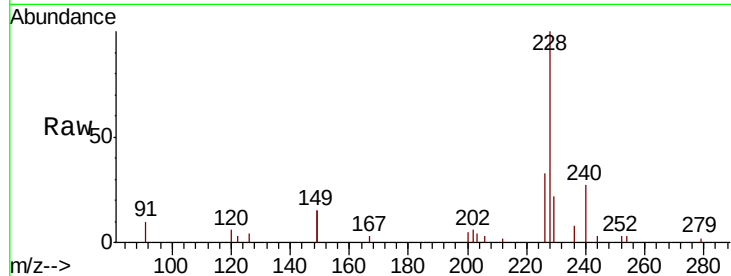
#31
Chrysene
Concen: 0.125 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion:228	Resp:	11061
Ion Ratio	Lower	Upper
228 100		
226 33.1	23.5	35.3
229 22.1	16.7	25.1

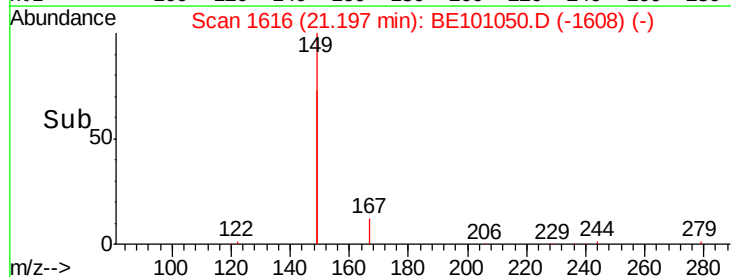
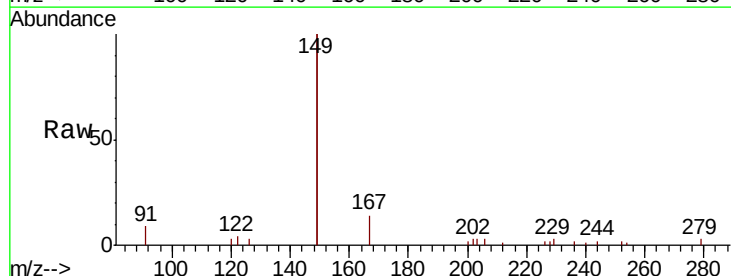
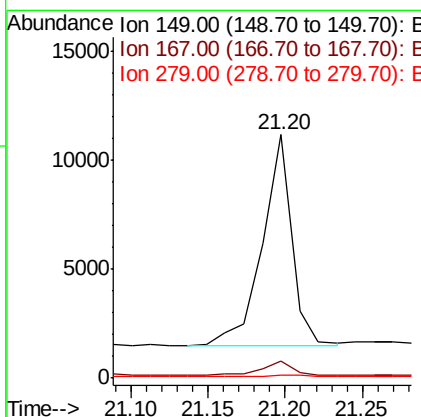
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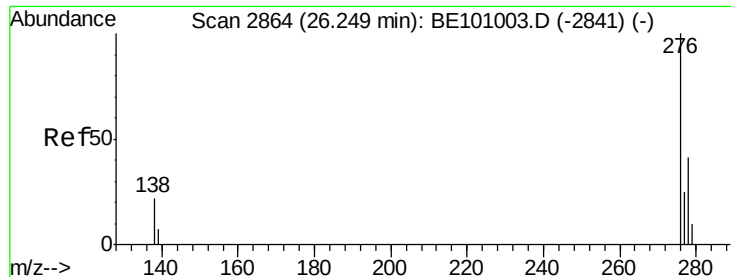
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:149	Resp:	12981
Ion Ratio	Lower	Upper
149 100		
167 6.8	5.2	7.8
279 1.2	0.8	1.2





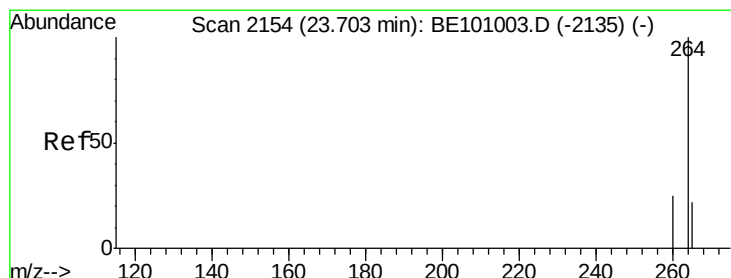
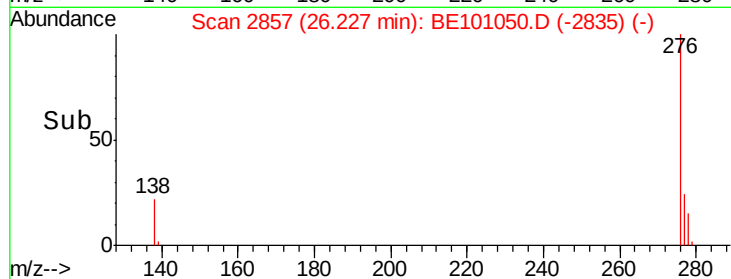
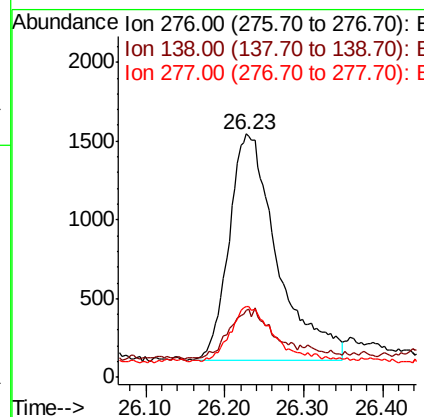
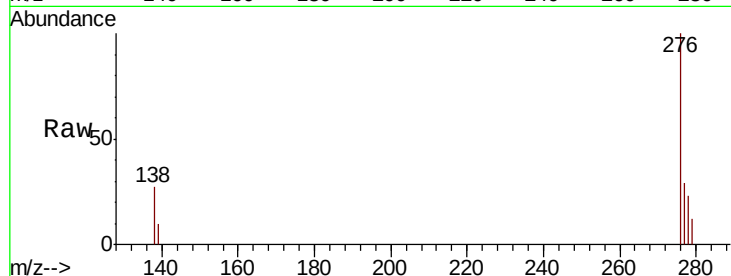
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.1	24.1
277	21.3	18.1	27.1

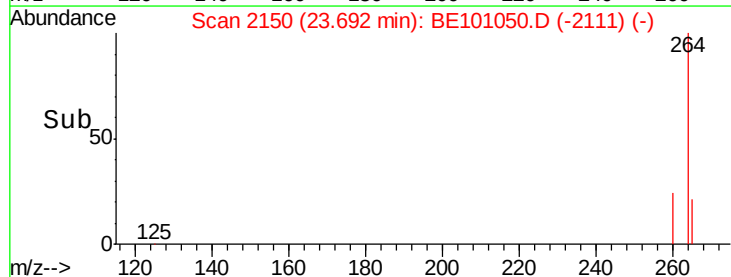
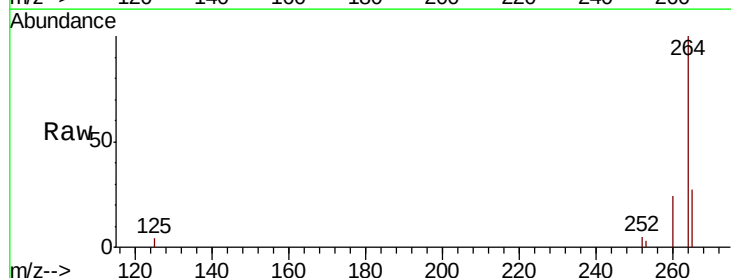
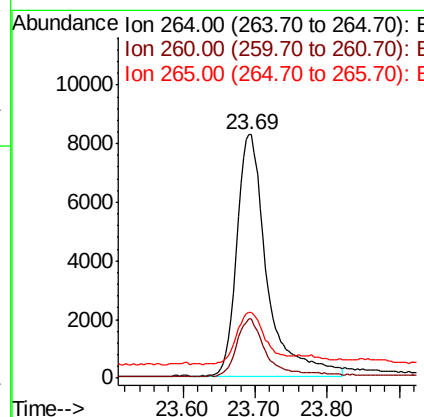
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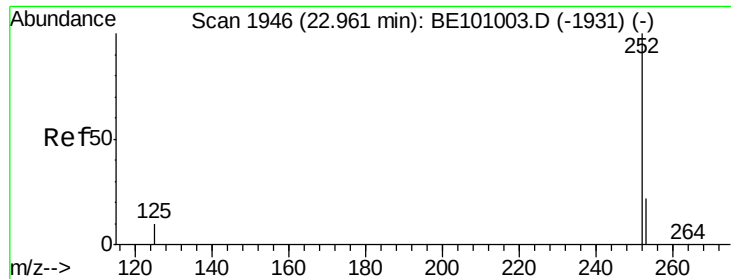
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	26.9	27.0	40.4#





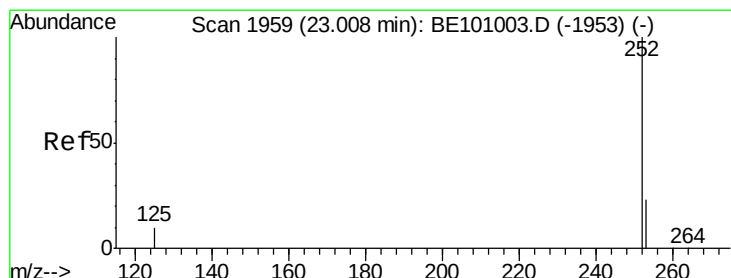
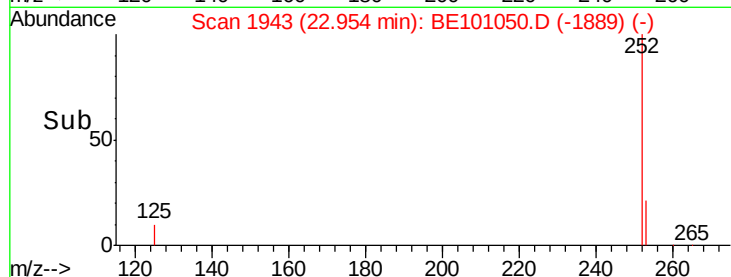
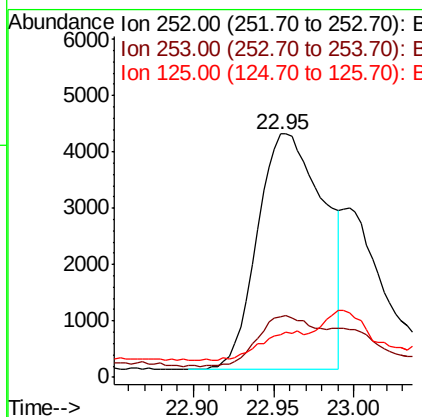
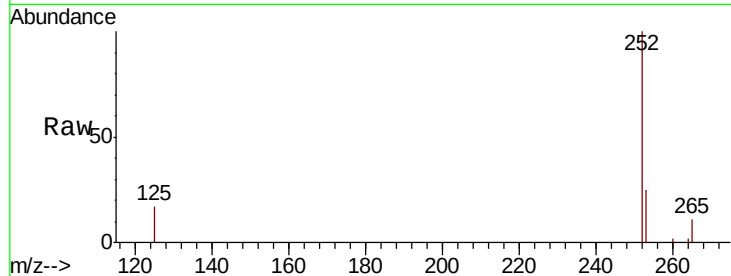
#35
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	17.4	9.5	14.3

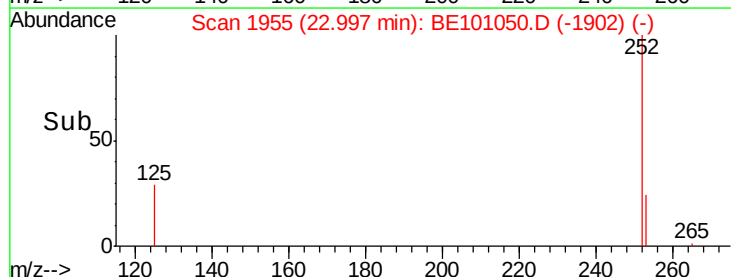
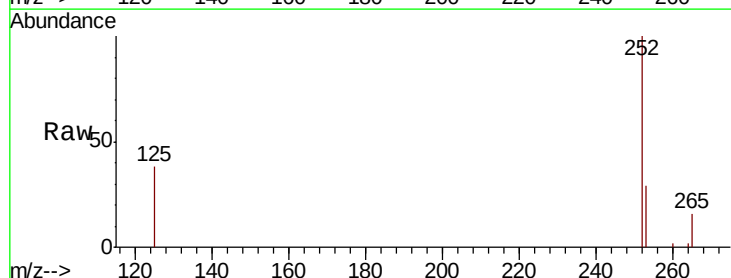
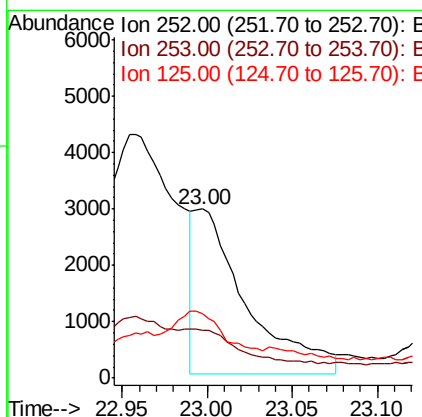
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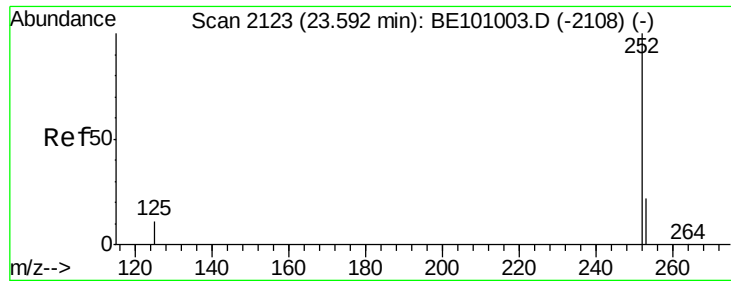
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#36
Benzo(k)fluoranthene
Concen: 0.066 ng m
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.9	28.3
125	37.8	10.1	15.1





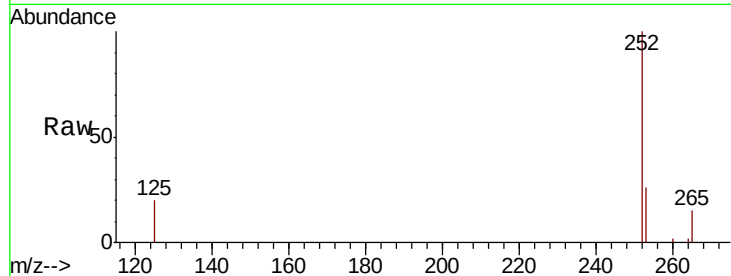
#37
Benzo(a)pyrene
Concen: 0.122 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :
SB-MW-19(3-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.4	29.2
125	19.7	11.8	17.6

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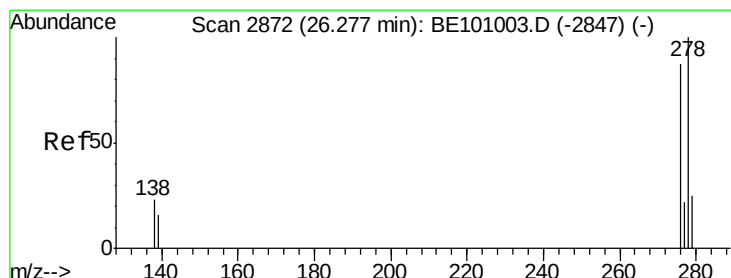
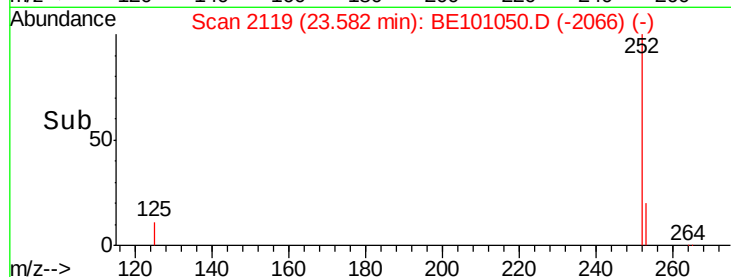
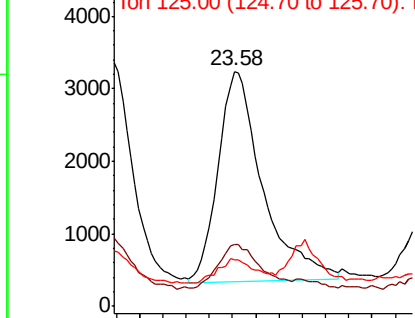


Abundance

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



#38
Dibenzo(a,h)anthracene
Concen: 0.025 ng m
RT: 26.24 min Scan# 2861
Delta R.T. -0.04 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

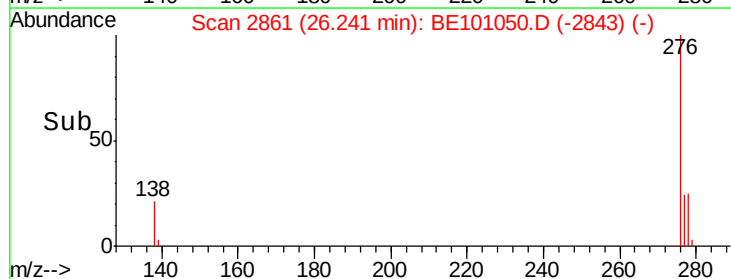
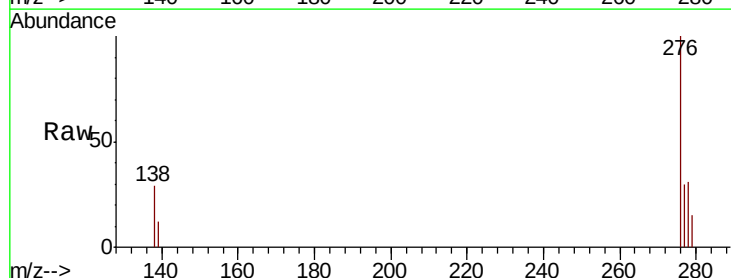
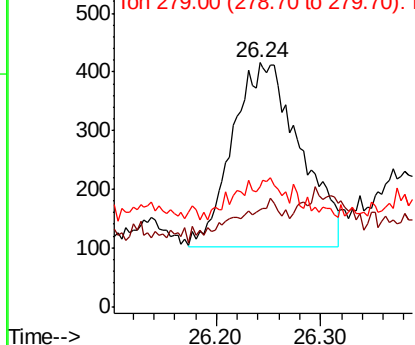
Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.9	15.0	22.4
279	49.3	22.6	33.8

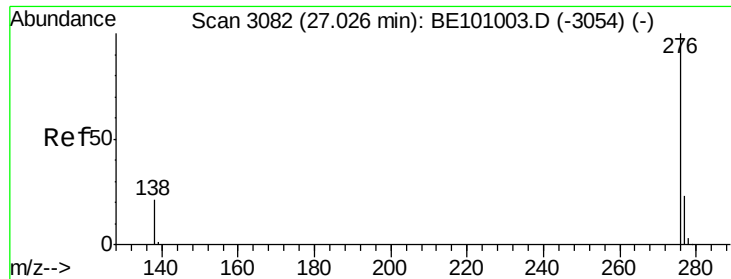
Abundance

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





#39

Benzo(a,h,i)perylene

Concen: 0.105 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101050.D

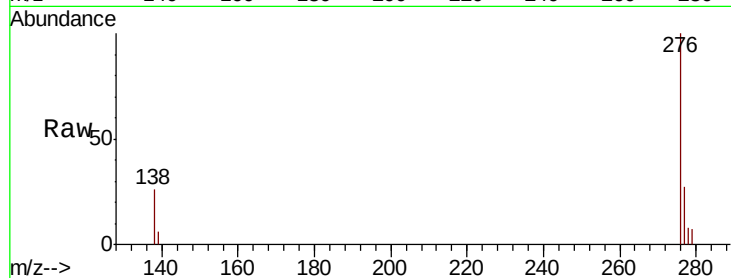
Acq: 14 Jan 2020 13:11

Instrument :

BNA_E

ClientSampleId :

SB-MW-19(3-5)



Tot Ion:	276	Resp:	7461
Ion Ratio	Lower	Upper	
276	100		
277	26.8	19.4	29.2
138	26.3	17.9	26.9

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