

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
 Data File : BE101120.D
 Acq On : 22 Jan 2020 18:31
 Operator : CG/JU
 Sample : L1179-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

Manual Integrations
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Quant Time: Jan 23 10:12:00 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	3082	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	16462m	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	10144	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21224	0.40	ng	0.00
27) Chrysene-d12	21.27	240	23183	0.40	ng	-0.01
34) Perylene-d12	23.70	264	22911	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.33	112	3486	0.50	ng	-0.01
5) Phenol-d6	6.92	99	1900	0.22	ng	0.00
8) Nitrobenzene-d5	8.86	82	4206m	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	9293m	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	1482	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	17810	0.46	ng	-0.03
25) Fluoranthene-d10	19.12	212	102416	0.35	ng	-0.01
29) Terphenyl-d14	19.72	244	23101	0.41	ng	-0.01

Target Compounds

						Qvalue
9) Naphthalene	10.54	128	3194776m	17.478	ng	
12) 2-Methylnaphthalene	12.17	142	32938m	1.191	ng	
16) Acenaphthylene	14.07	152	13375	0.324	ng	# 78
17) Acenaphthene	14.41	154	21695	0.734	ng	97
18) Fluorene	15.39	166	19286	0.516	ng	# 96
23) Phenanthrene	17.13	178	26818	0.463	ng	# 96
24) Anthracene	17.21	178	5511m	0.101	ng	
26) Fluoranthene	19.15	202	10493	0.145	ng	96
28) Pyrene	19.51	202	9940	0.115	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	48848	0.443	ng	# 97

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

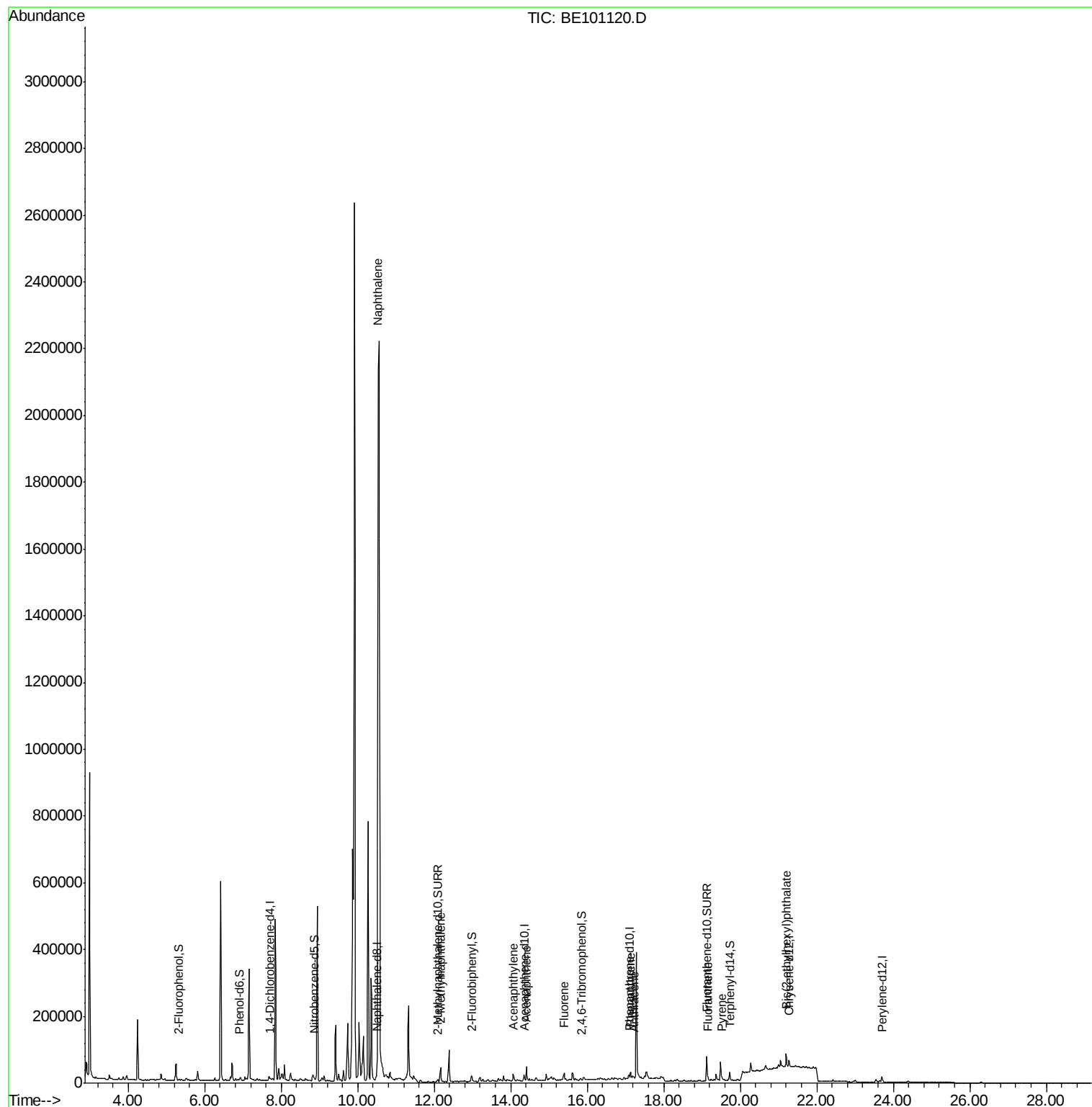
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
Data File : BE101120.D
Acq On : 22 Jan 2020 18:31
Operator : CG/JU
Sample : L1179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

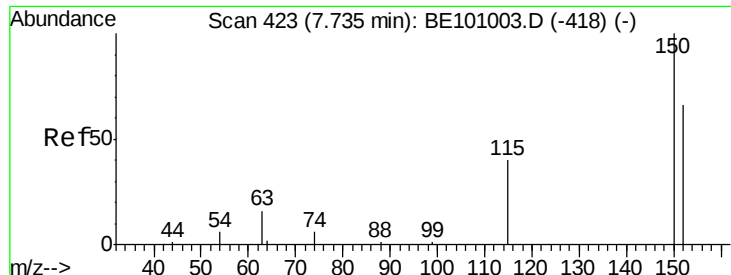
Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Quant Time: Jan 23 10:12:00 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

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#1

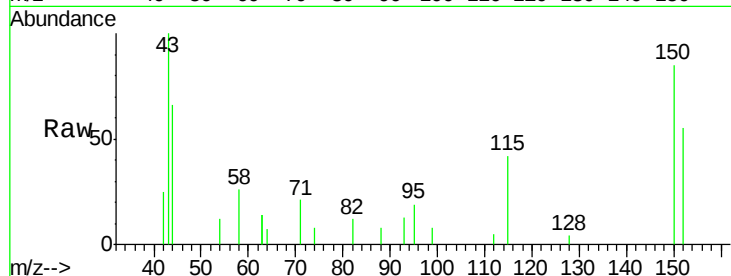
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampled :
SB-MW-14

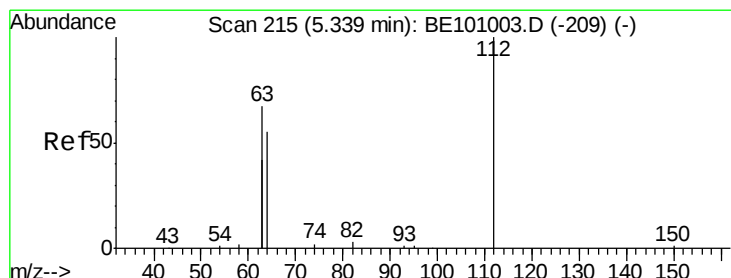
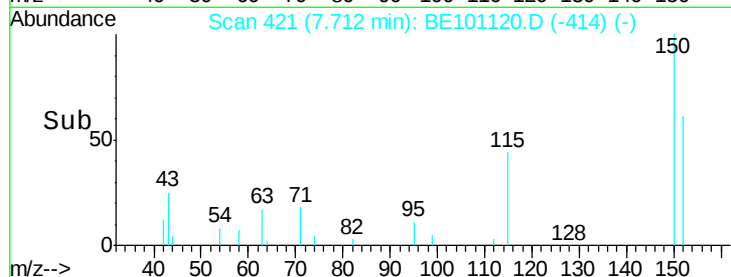
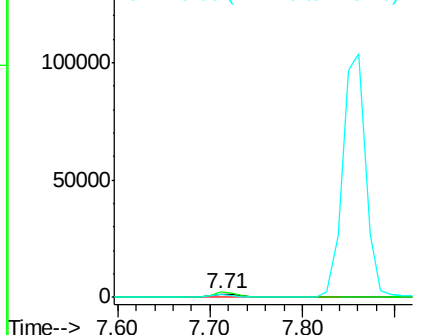
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	120.3	180.5
115	76.2	51.7	77.5

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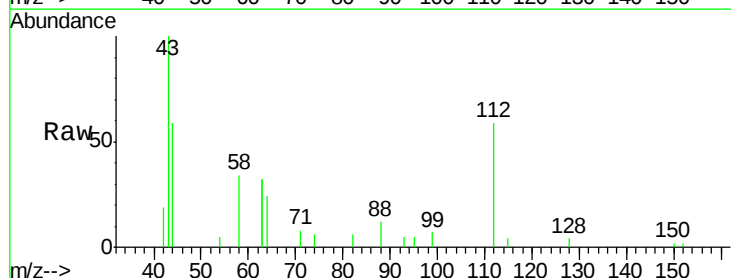
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



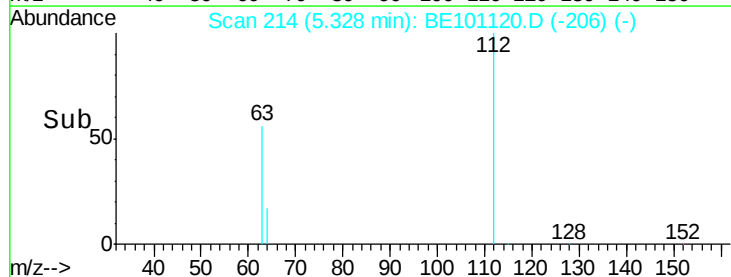
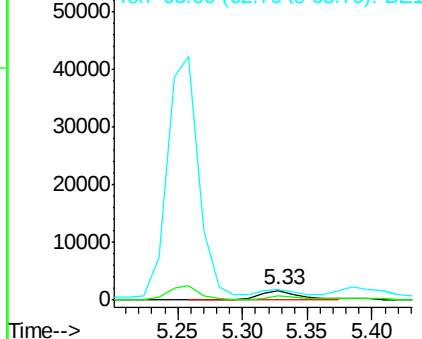
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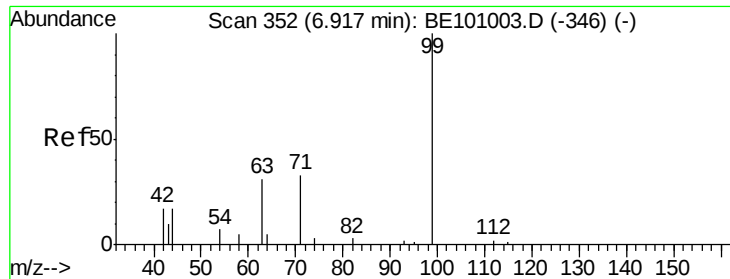
2-Fluorophenol
Concen: 0.503 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	26.6	53.6	80.4#
63	40.0	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: 0.216 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

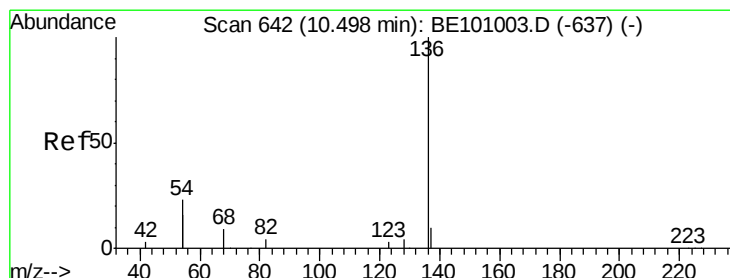
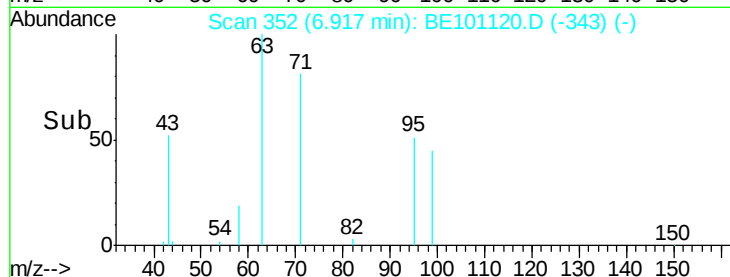
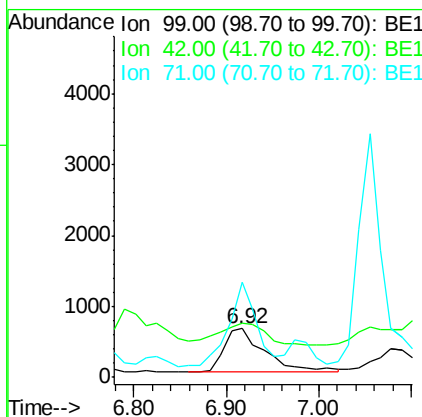
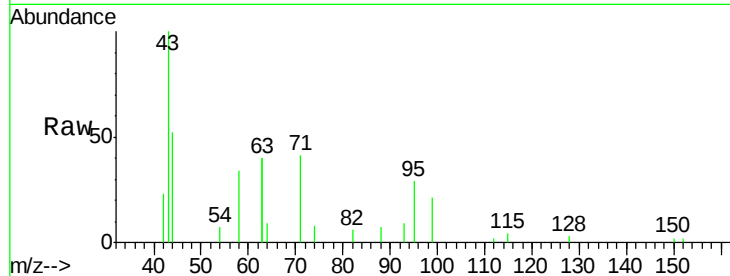
ClientSampleId :

SB-MW-14

Tot Ion:	99	Resp:	1900
Ion	Ratio	Lower	Upper
99	100		
42	53.4	18.3	27.5#
71	128.8	28.0	42.0#

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#7

Naphthalene-d8

Concen: 0.400 ng m

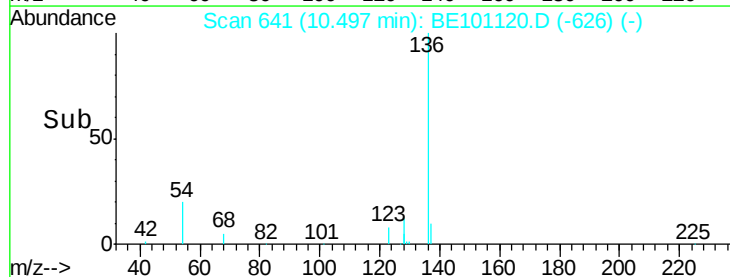
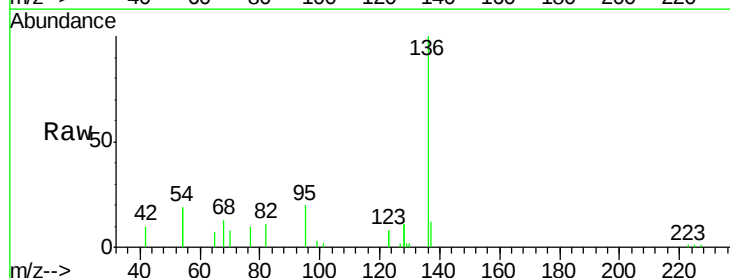
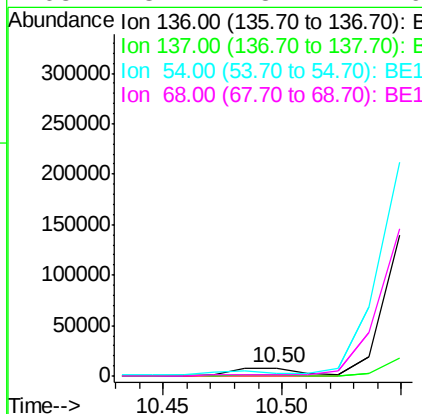
RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Tgt Ion:	136	Resp:	16462
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	18.8	36.8	55.2#
68	13.2	8.4	12.6#





#8

Nitrobenzene-d5

Concen: 0.357 ng m

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

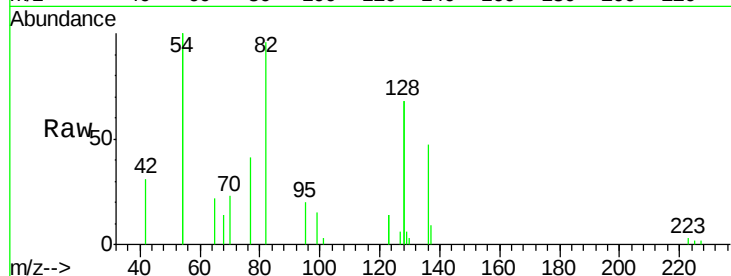
ClientSampleId :

SB-MW-14

Tot Ion	82	Resp	4206
Ion	Ratio	Lower	Upper
82	100		
128	70.5	109.8	164.6#
54	104.0	174.5	261.7#

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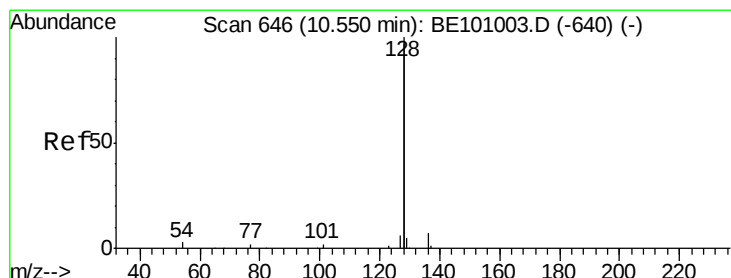
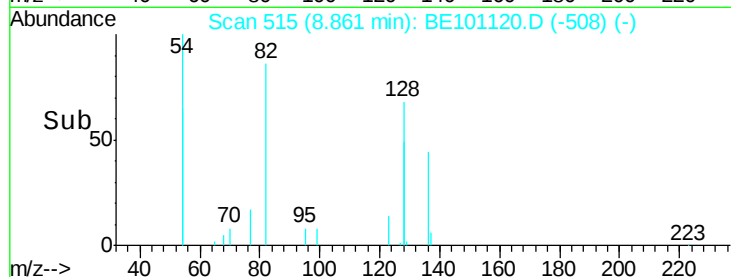
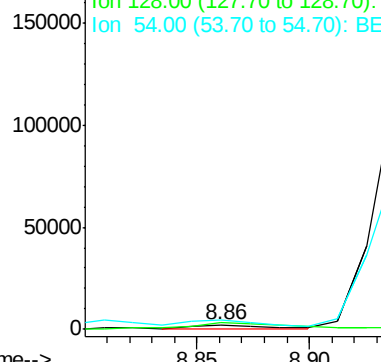
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Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 17.478 ng m

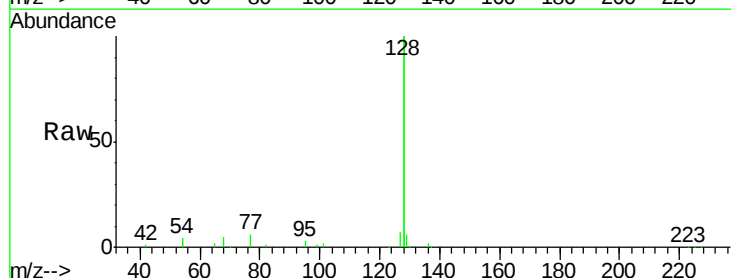
RT: 10.54 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

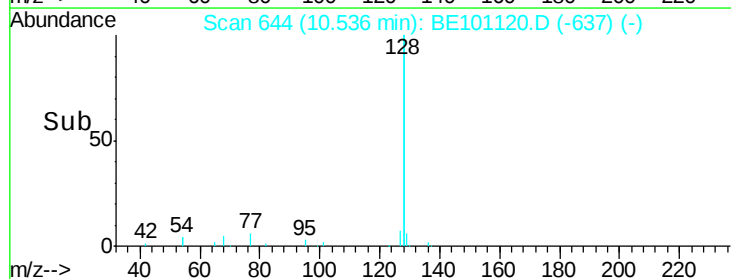
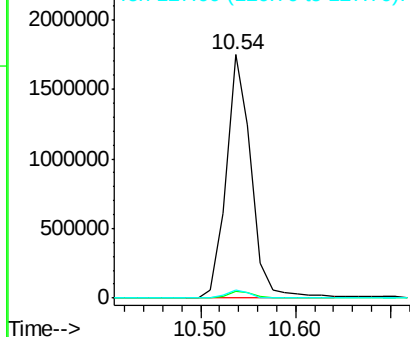
Tgt Ion	128	Resp	3194776
Ion	Ratio	Lower	Upper
128	100		
129	5.5	2.3	3.5#
127	6.8	2.7	4.1#

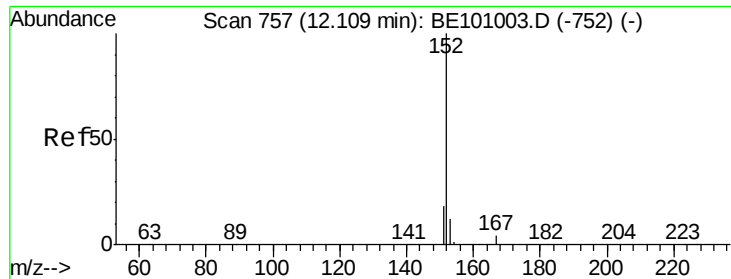


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





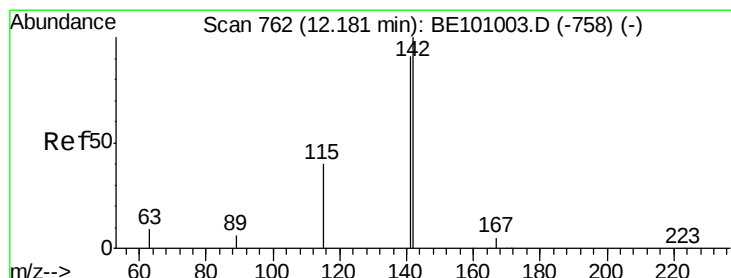
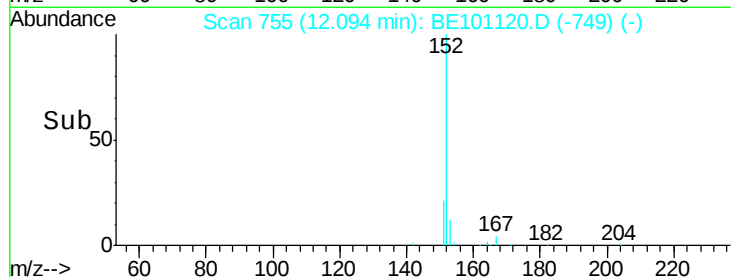
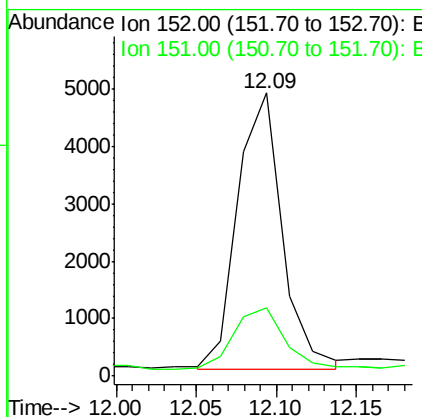
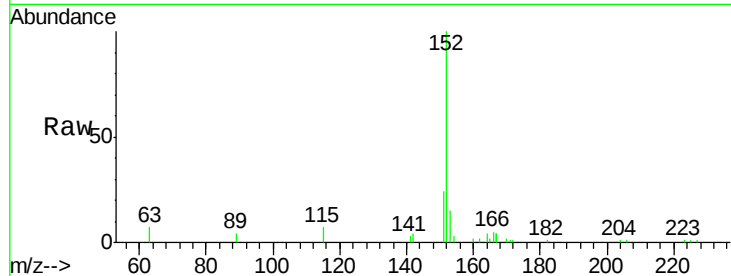
#11
2-Methylnaphthalene-d10
Concen: 0.296 ng m
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampled :
SB-MW-14

Tot Ion:152 Resp: 9293
Ion Ratio Lower Upper
152 100
151 0.0 15.0 22.6#

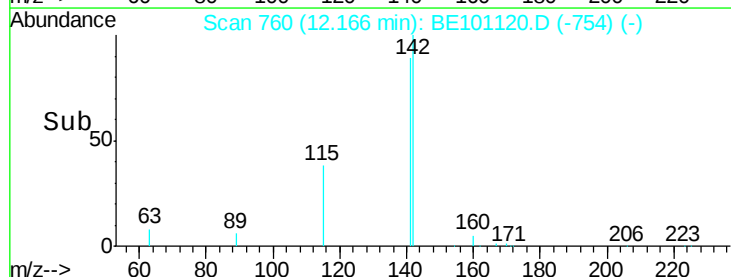
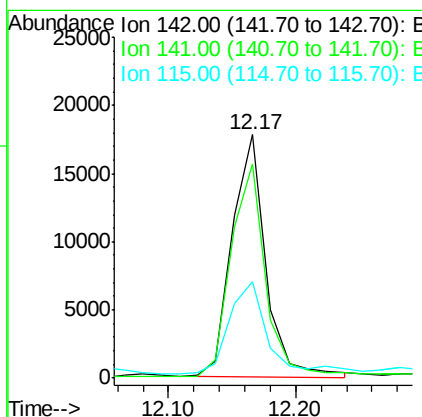
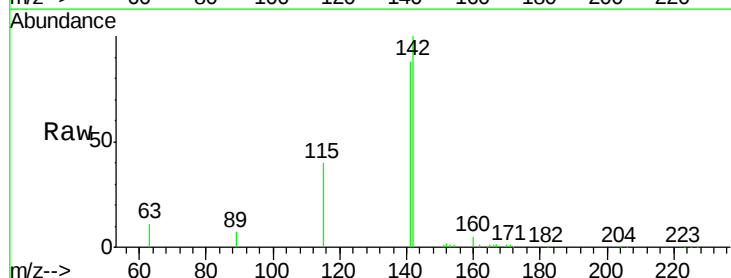
Manual Integrations
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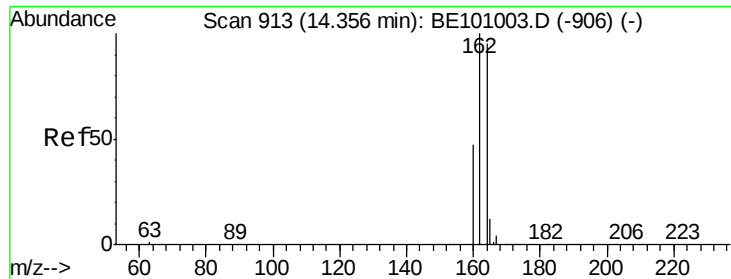
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#12
2-Methylnaphthalene
Concen: 1.191 ng m
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion:142 Resp: 32938
Ion Ratio Lower Upper
142 100
141 88.0 72.5 108.7
115 39.7 33.0 49.6





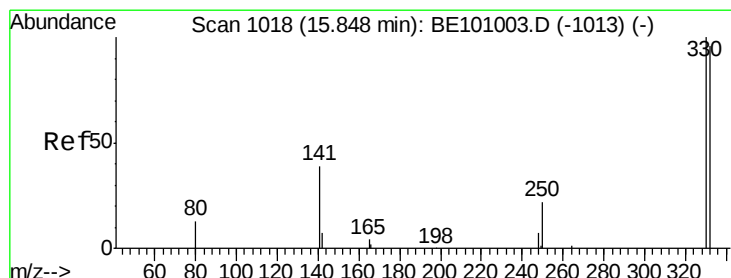
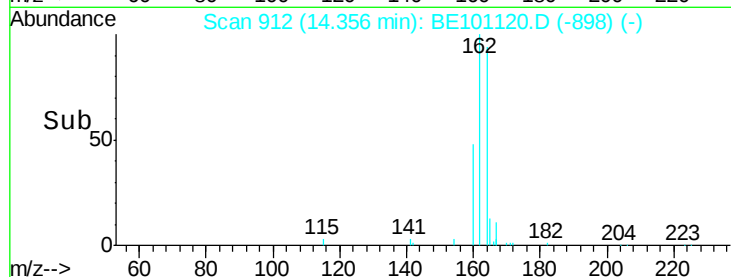
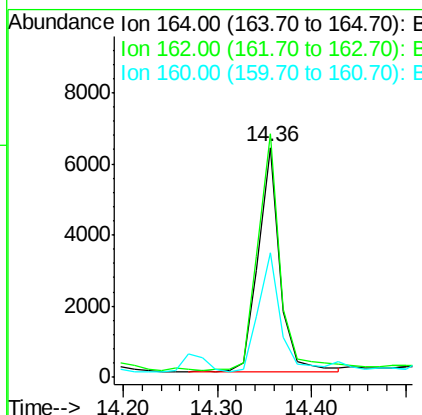
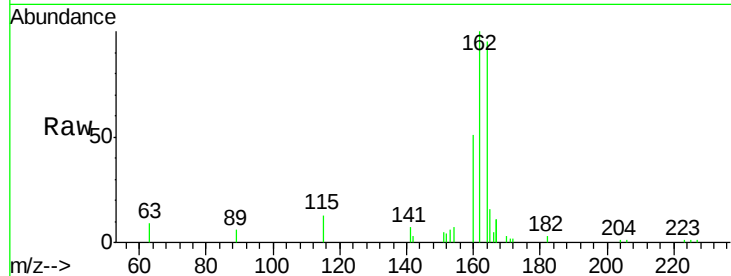
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.1	126.1
160	54.2	40.4	60.6

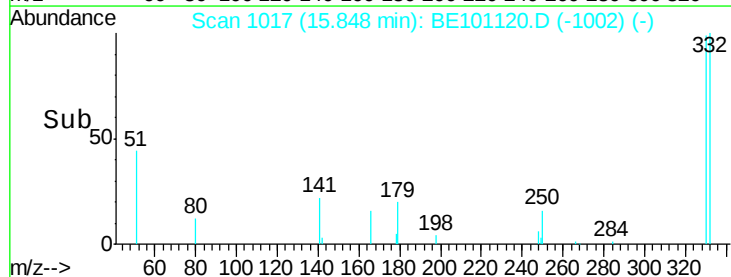
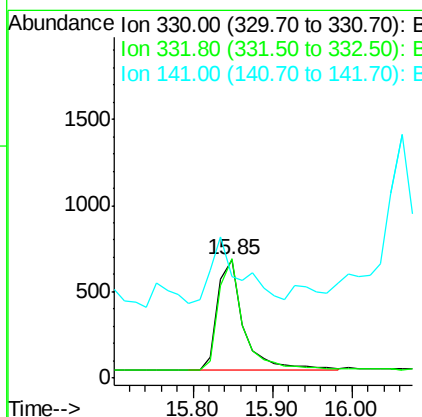
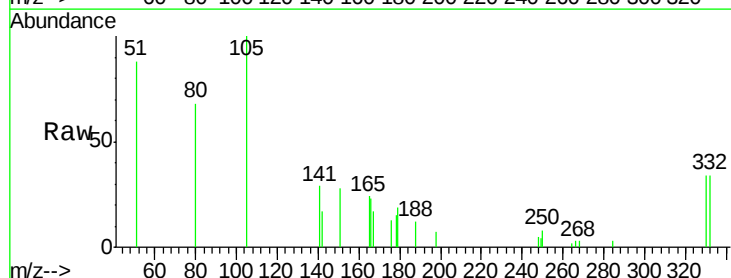
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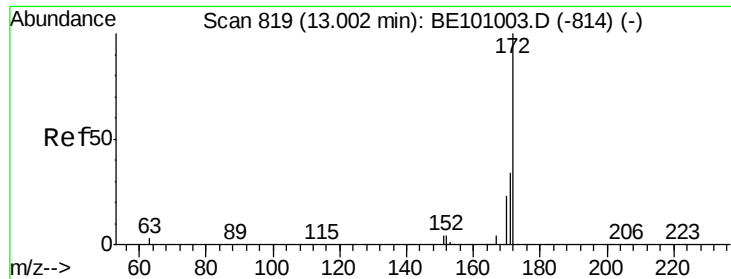
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#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	66.0	37.0	55.4





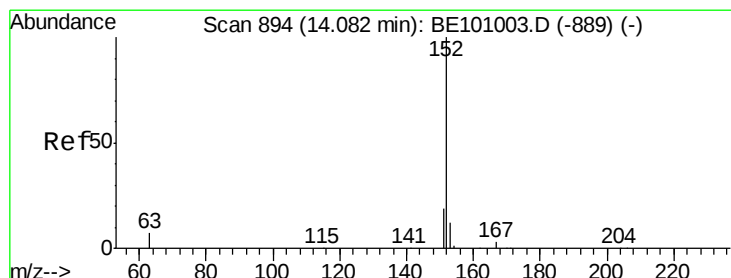
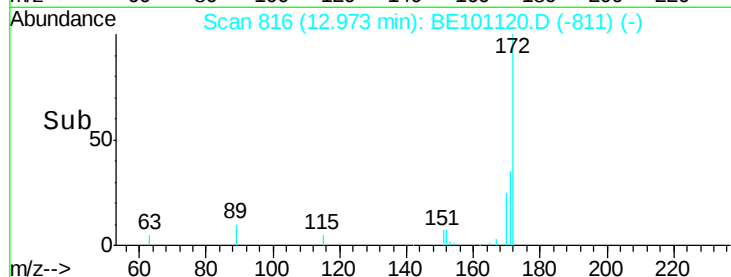
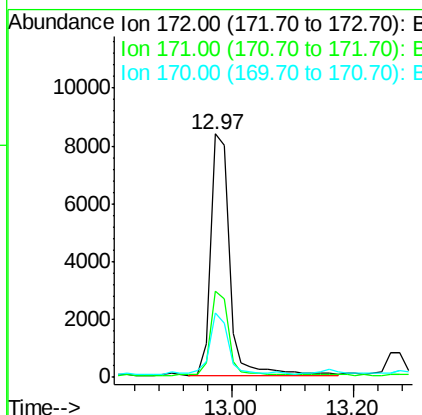
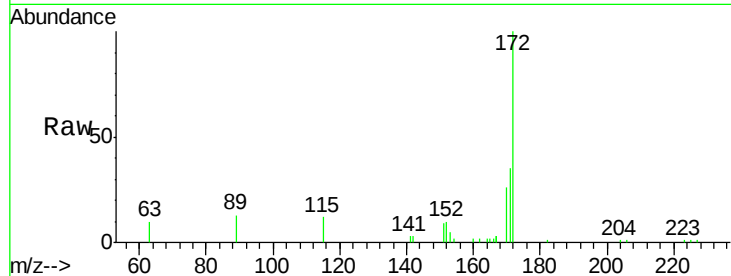
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.03 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	26.5	18.9	28.3

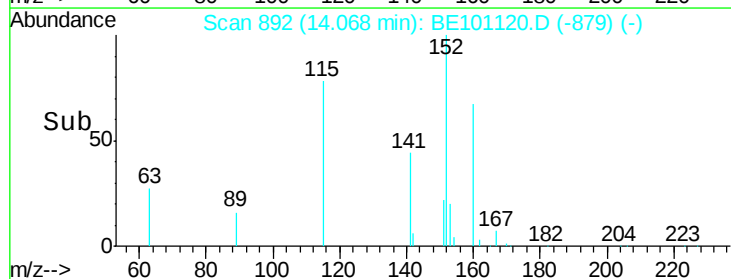
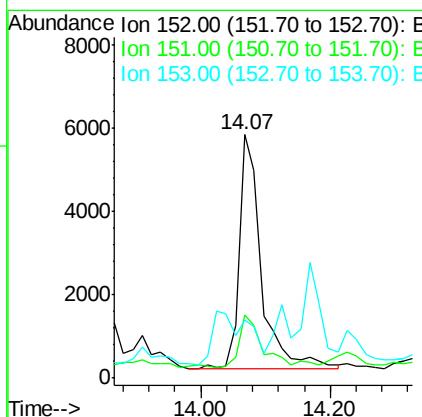
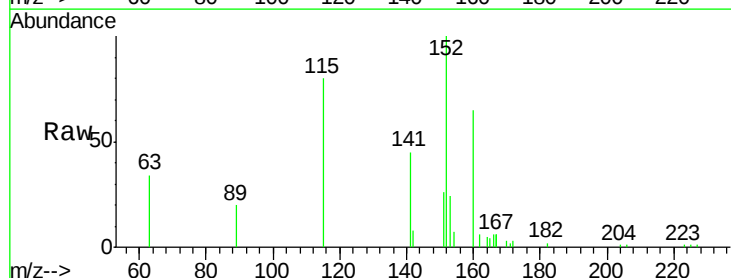
Manual Integrations
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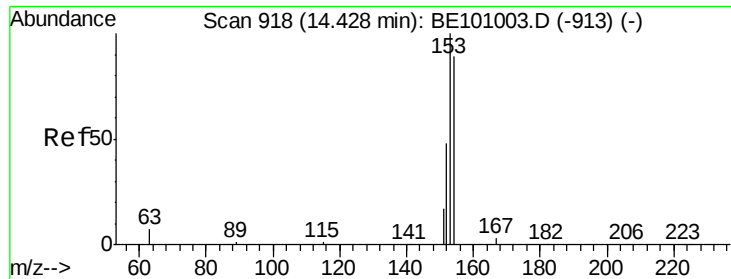
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#16
Acenaphthylene
Concen: 0.324 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.1	15.5	23.3#
153	0.0	10.4	15.6#





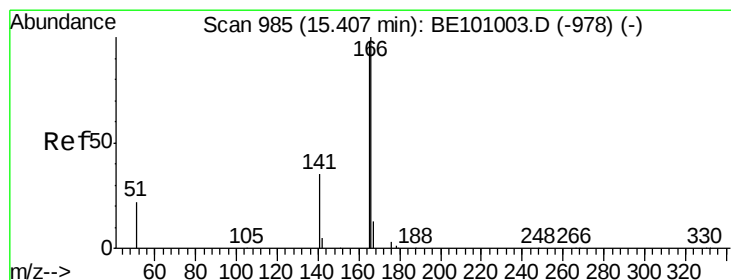
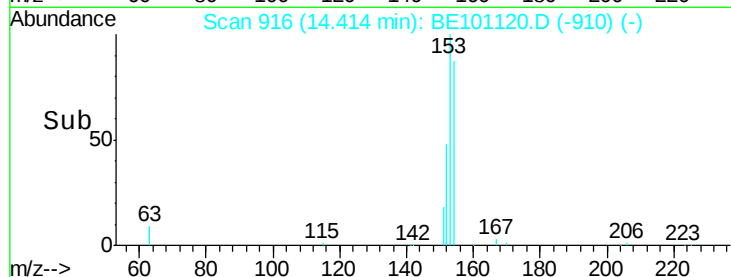
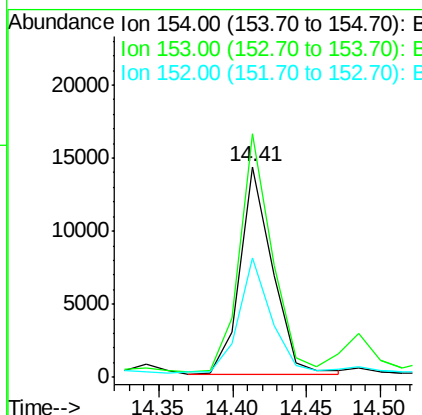
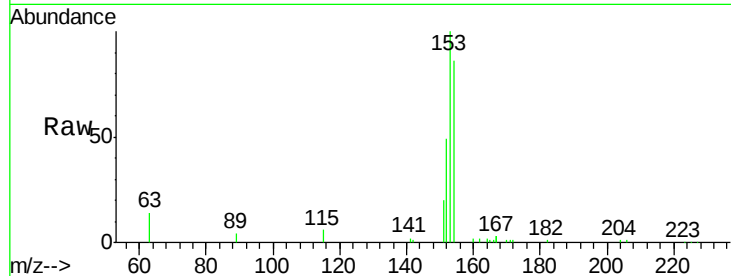
#17
Acenaphthene
Concen: 0.734 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	93.6	140.4
152	59.1	46.3	69.5

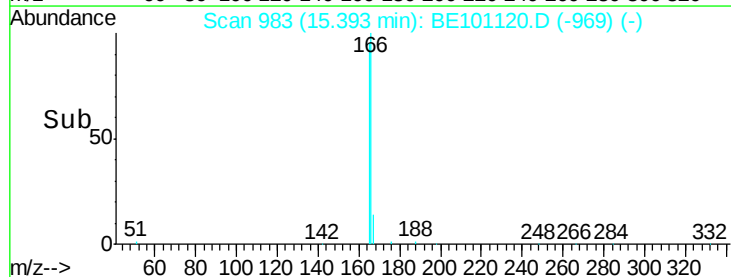
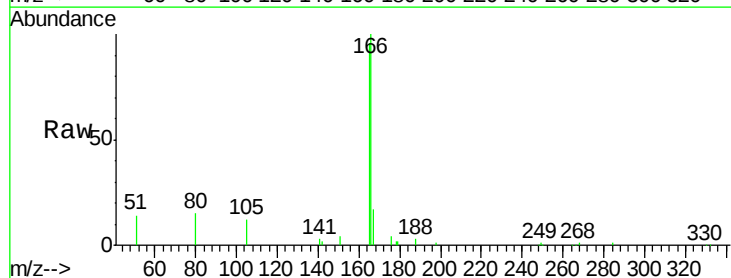
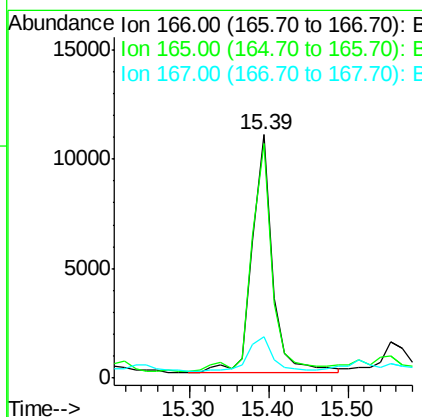
Manual Integrations
APPROVED

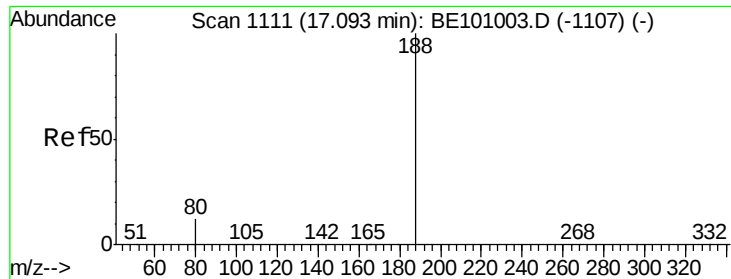
mohammad
1/23/2020 1:53:44 PM



#18
Fluorene
Concen: 0.516 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.8
167	19.2	11.0	16.6





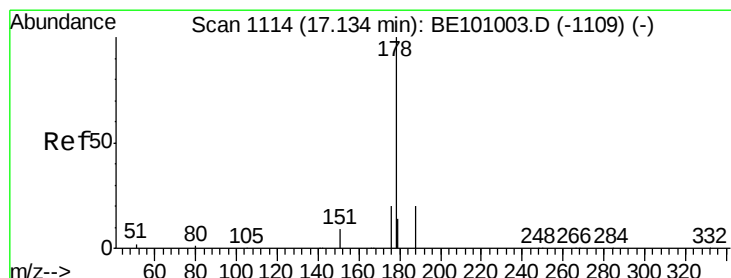
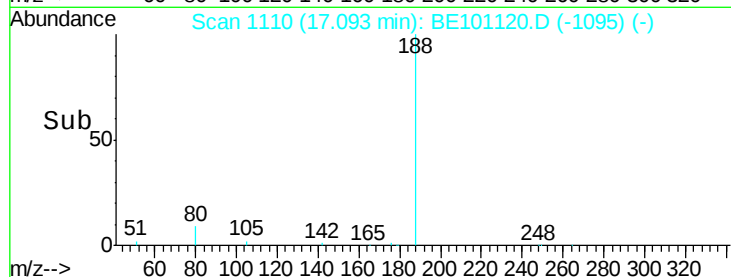
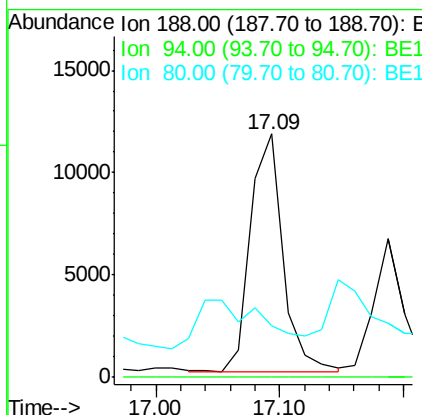
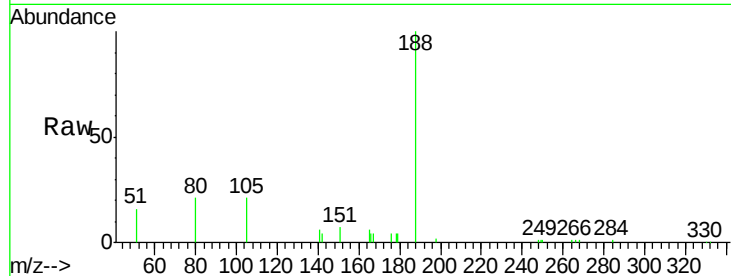
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Resp	Lower	Upper
188	100	21224		
94	0.0	0.0	0.0	0.0
80	21.3	10.8	16.2	

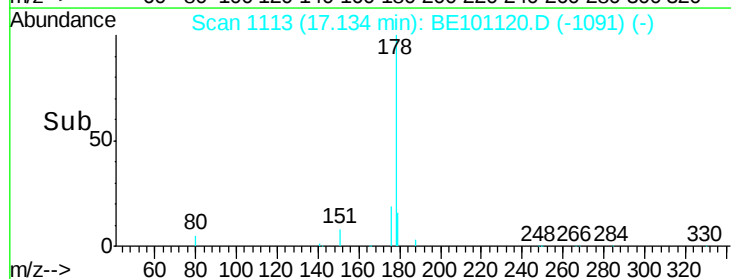
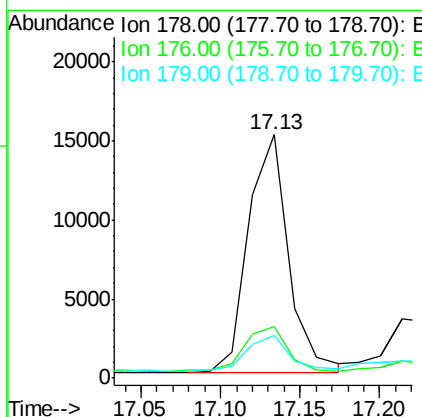
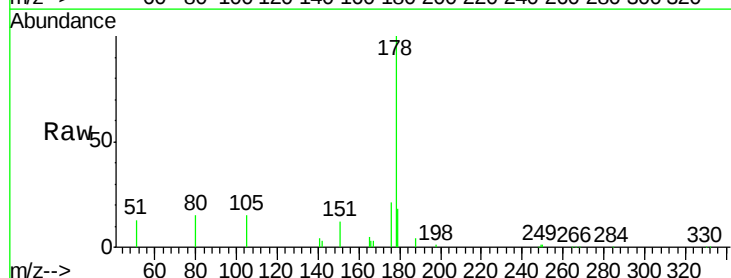
Manual Integrations
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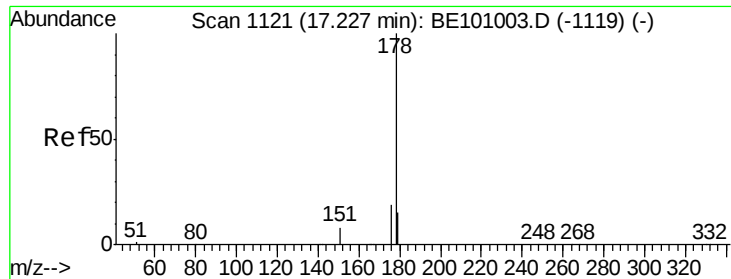
mohammad
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#23
Phenanthrene
Concen: 0.463 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	26818		
176	20.0	15.7	23.5	
179	18.3	12.0	18.0	





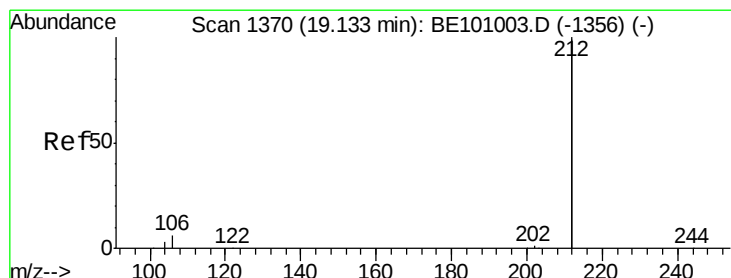
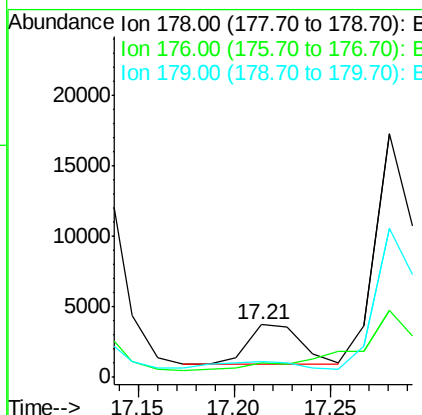
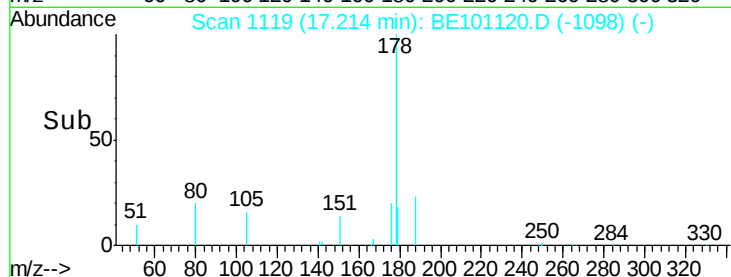
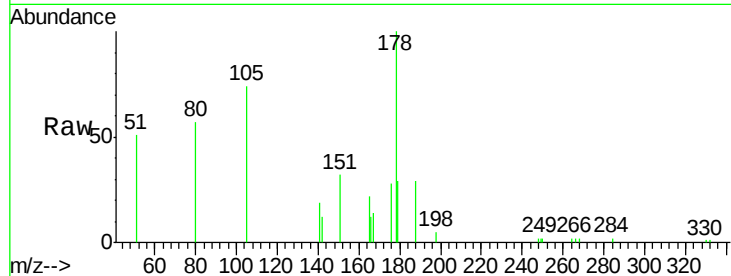
#24
 Anthracene
 Concen: 0.101 ng m
 RT: 17.21 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

Tot Ion	Ratio	Lower	Upper
178	100		
176	98.6	14.8	22.2#
179	88.9	12.4	18.6#

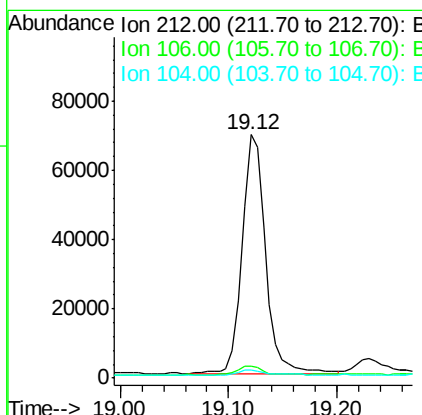
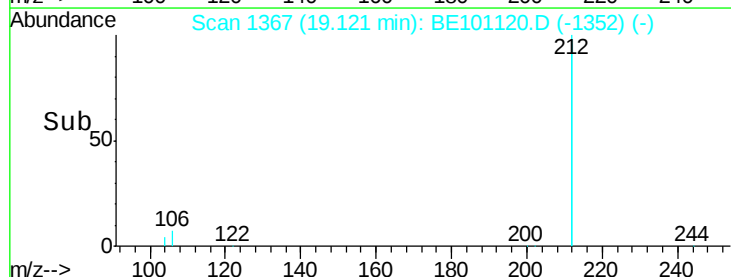
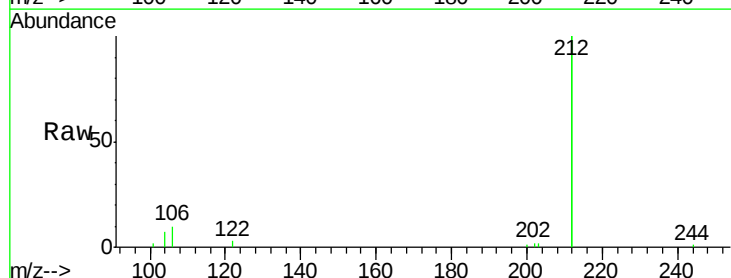
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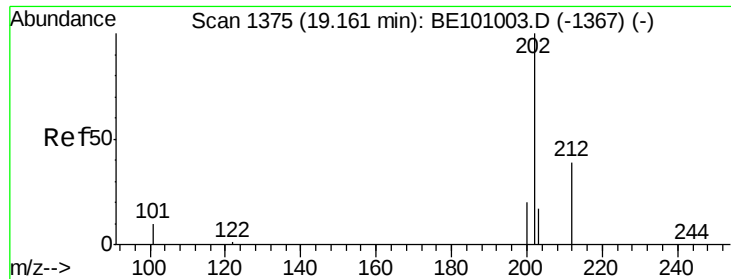
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#25
 Fluoranthene-d10
 Concen: 0.347 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	3.8
104	2.0	1.4	2.0





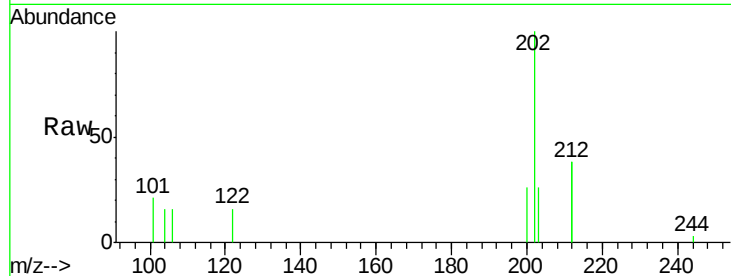
#26
Fluoranthene
Concen: 0.145 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

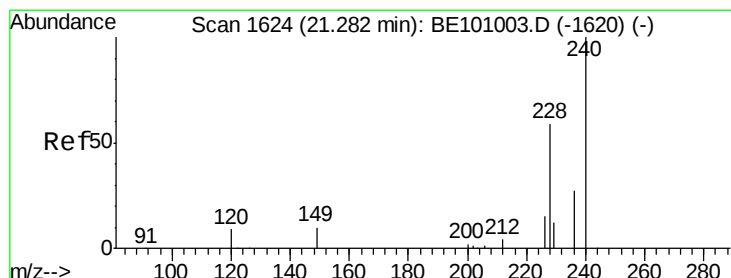
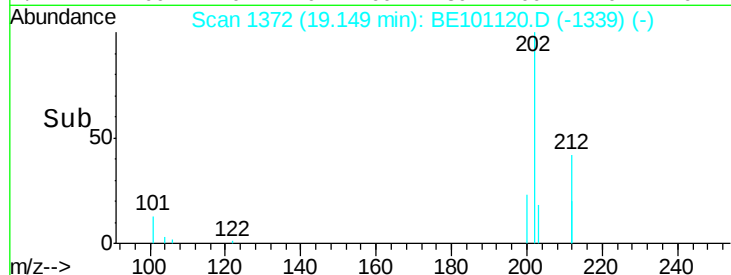
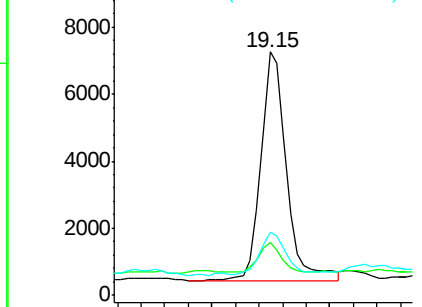
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.7	9.6	14.4	
203	20.2	13.8	20.6	

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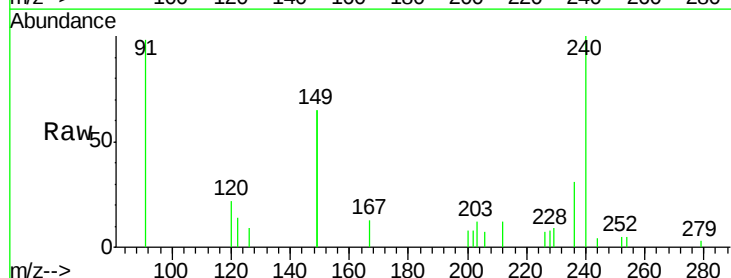


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

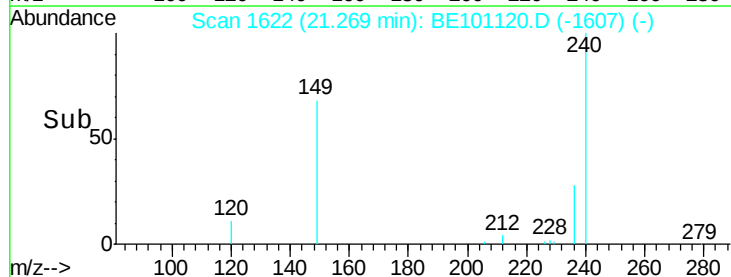
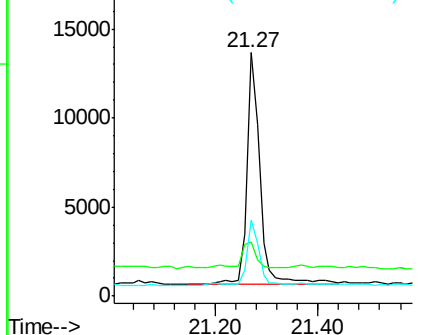


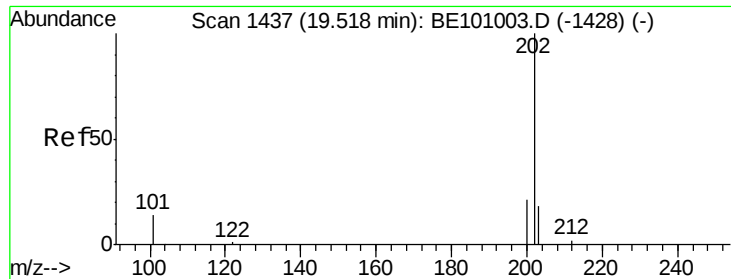
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	22.4	8.6	13.0	#
236	31.1	22.2	33.4	



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





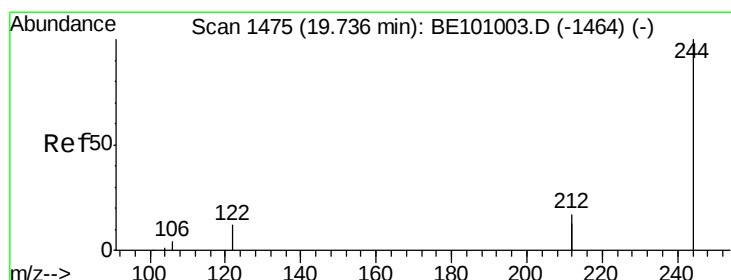
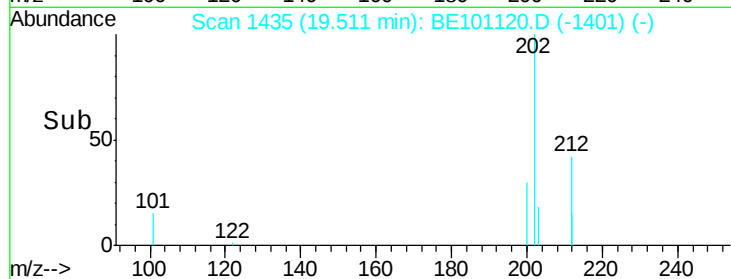
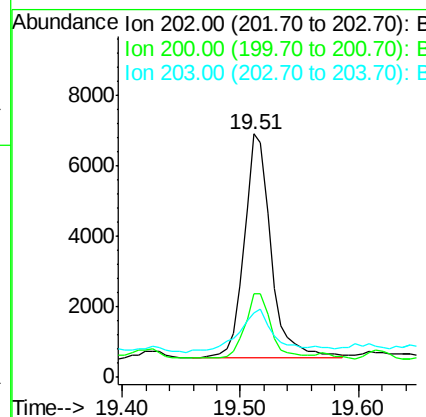
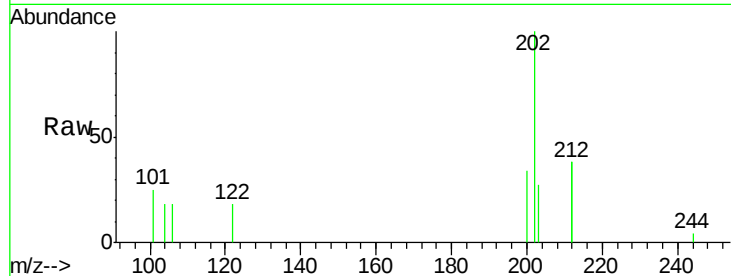
#28
Pvrene
Concen: 0.115 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Tot Ion	Ratio	Lower	Upper
202	100		
200	29.2	17.0	25.4#
203	24.6	13.8	20.6#

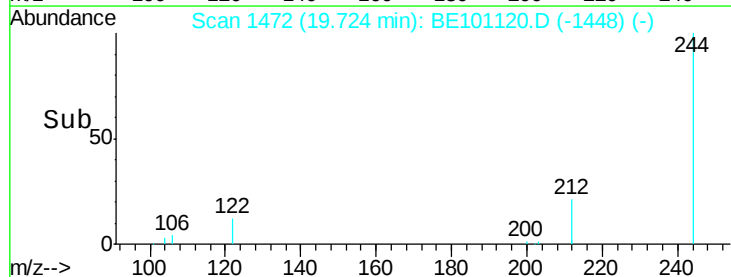
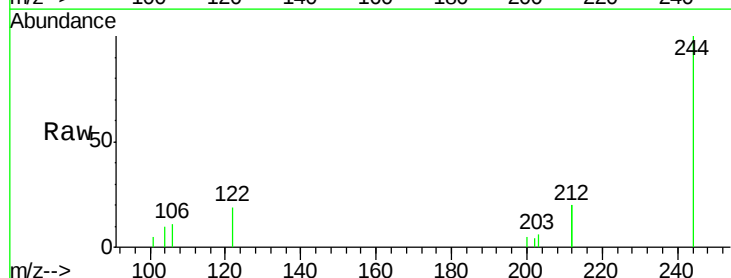
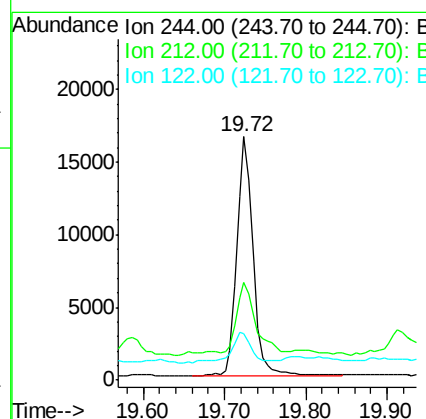
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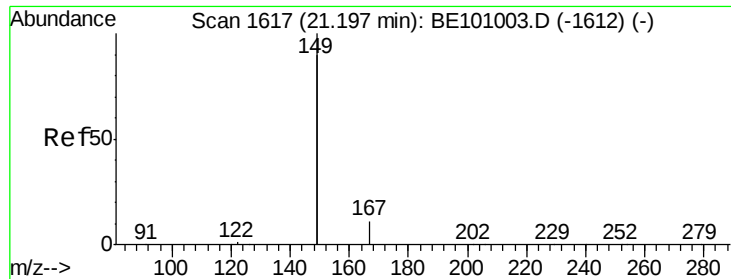
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#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	40.2	27.2	40.8
122	19.2	9.8	14.8#





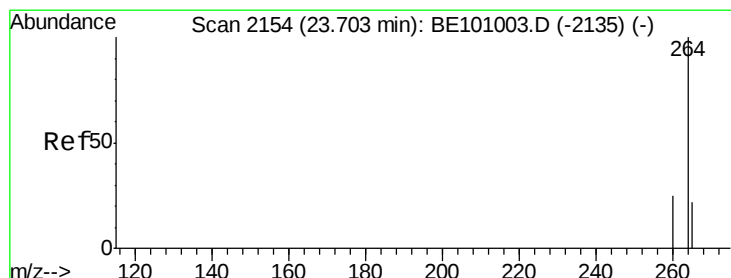
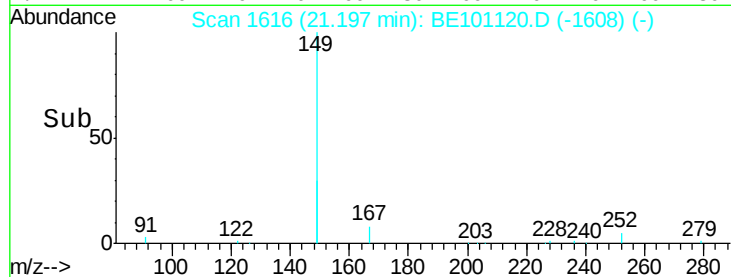
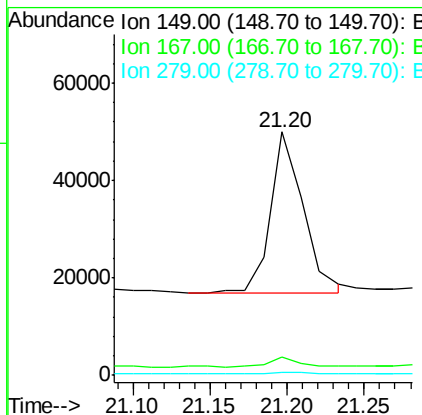
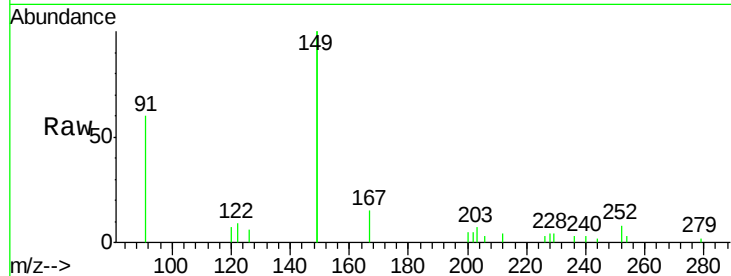
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.443 ng
 RT: 21.20 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

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

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	29.8	27.0	40.4

