Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
Data File : BE101119.D
Acq On : 22 Jan 2020 17:55
Operator : CG/JU
Sample : L1179-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-MW-16

Manual Integrations APPROVED
mohammad
1/23/2020 1:53:42 PM

Quant Time: Jan 23 10:09:55 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	2897	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	13371	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	14794	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	18046	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16004	0.40	ng	-0.01
34) Perylene-d12	23.70	264	17857	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	10314	1.58	ng	-0.02
5) Phenol-d6	6.91	99	3570	0.43	ng	0.00
8) Nitrobenzene-d5	8.86	82	5062m	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	10162	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1793	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	13473	0.24	ng	-0.02
25) Fluoranthene-d10	19.14	212	95172	0.38	ng	0.01
29) Terphenyl-d14	19.72	244	19629	0.50	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.55	128	49327139	332.243	ng	# 96
12) 2-Methylnaphthalene	12.17	142	326860	14.555	ng	97
16) Acenaphthylene	14.08	152	25332	0.420	ng	# 78
17) Acenaphthene	14.41	154	38521	0.893	ng	94
18) Fluorene	15.39	166	181604	3.331	ng	98
23) Phenanthrene	17.13	178	153369	3.112	ng	98
24) Anthracene	17.21	178	9906m	0.213	ng	
26) Fluoranthene	19.18	202	22361	0.362	ng	97
28) Pyrene	19.52	202	15849	0.266	ng	# 93
30) Benzo(a)anthracene	21.26	228	1511	0.033	ng	# 27
32) Bis(2-ethylhexyl)phthalate	21.20	149	69250	0.910	ng	# 97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
Data File : BE101119.D
Acq On : 22 Jan 2020 17:55
Operator : CG/JU
Sample : L1179-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 10:09:55 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

Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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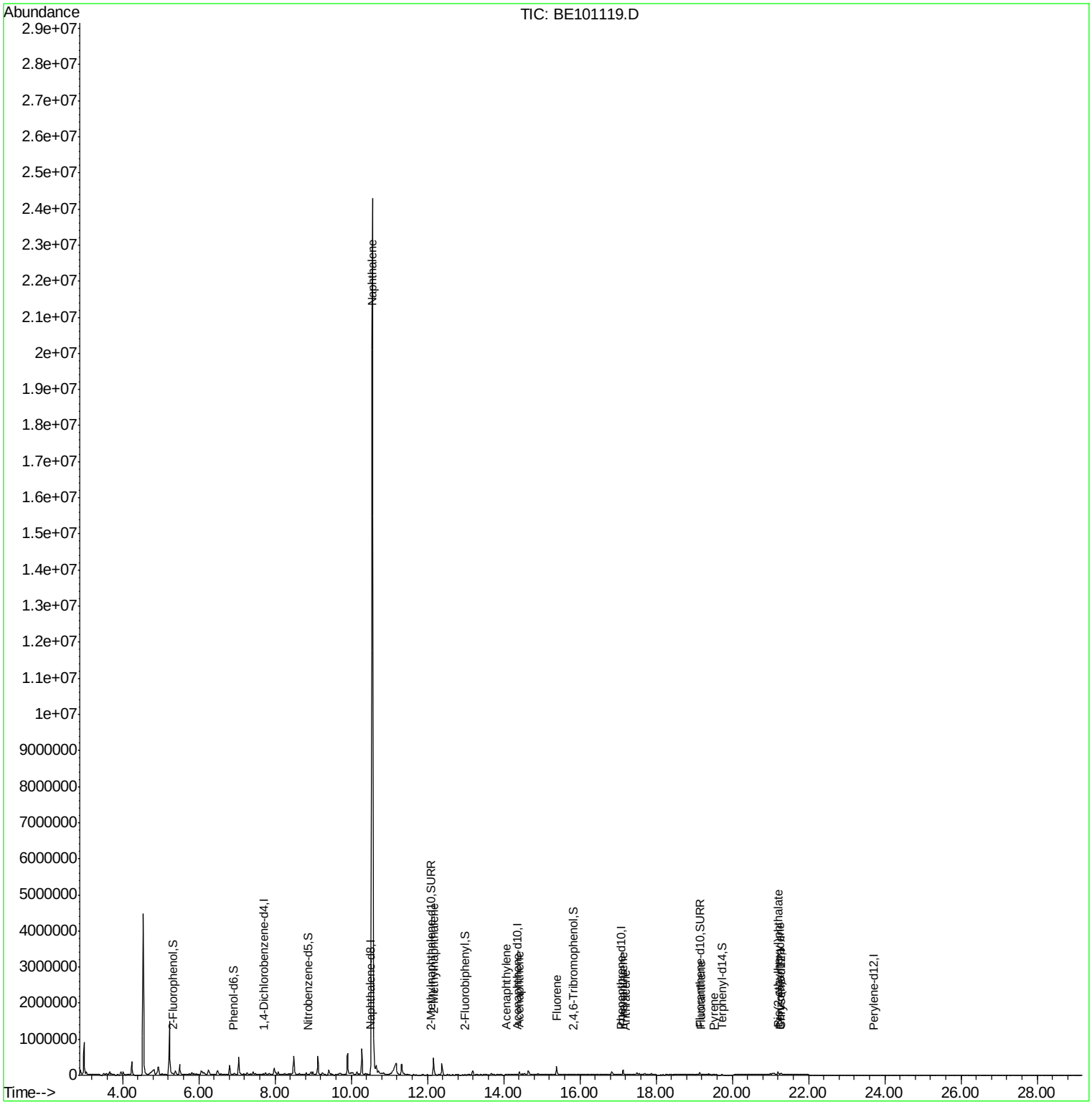
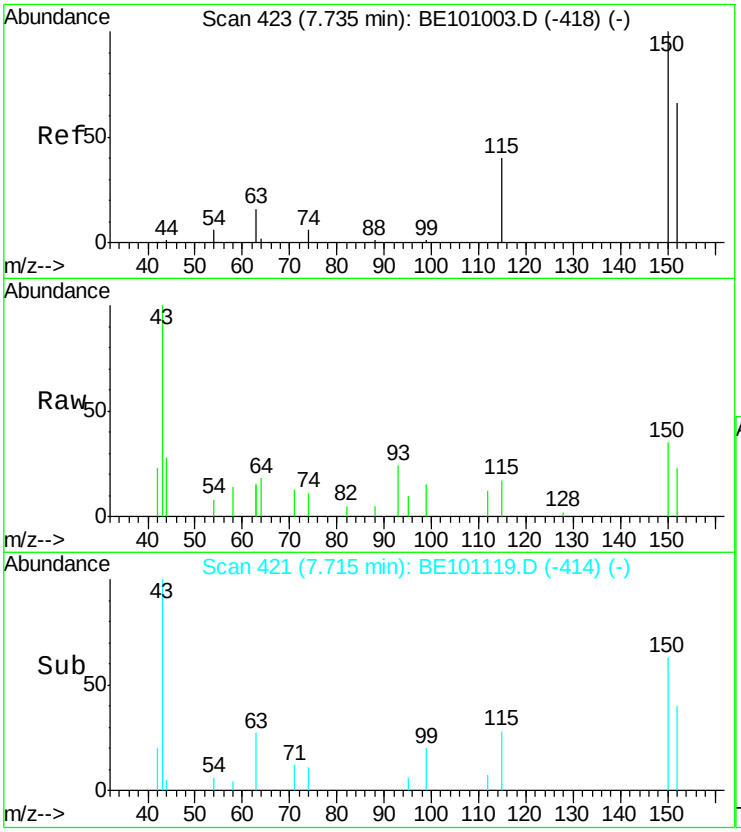
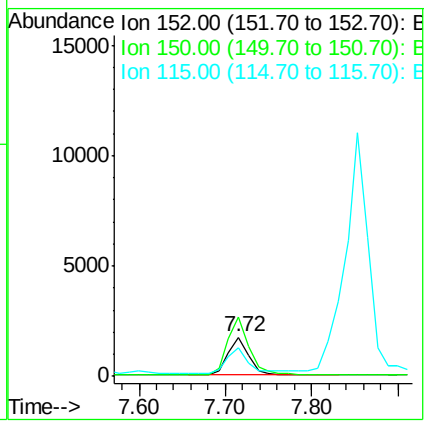




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:152 Resp: 2897

Ion	Ratio	Lower	Upper
152	100		
150	152.5	120.3	180.5
115	73.6	51.7	77.5



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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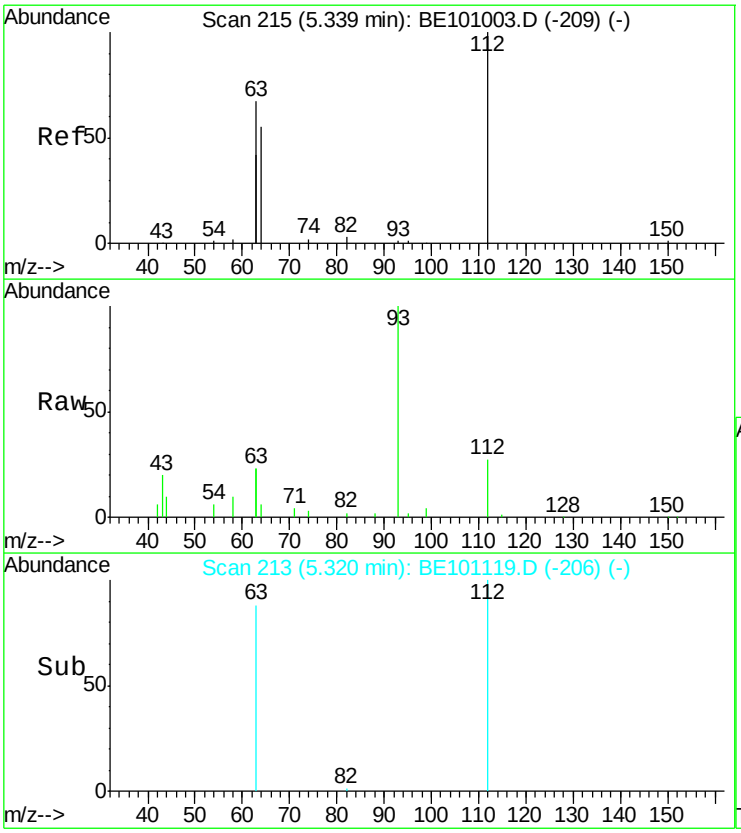
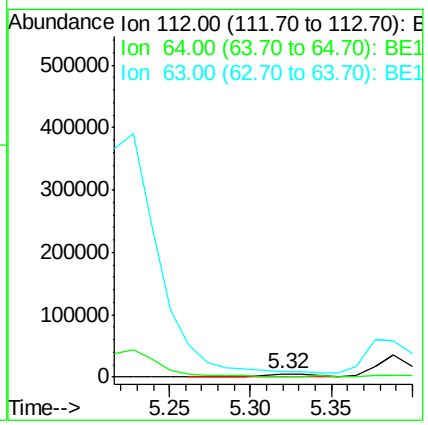
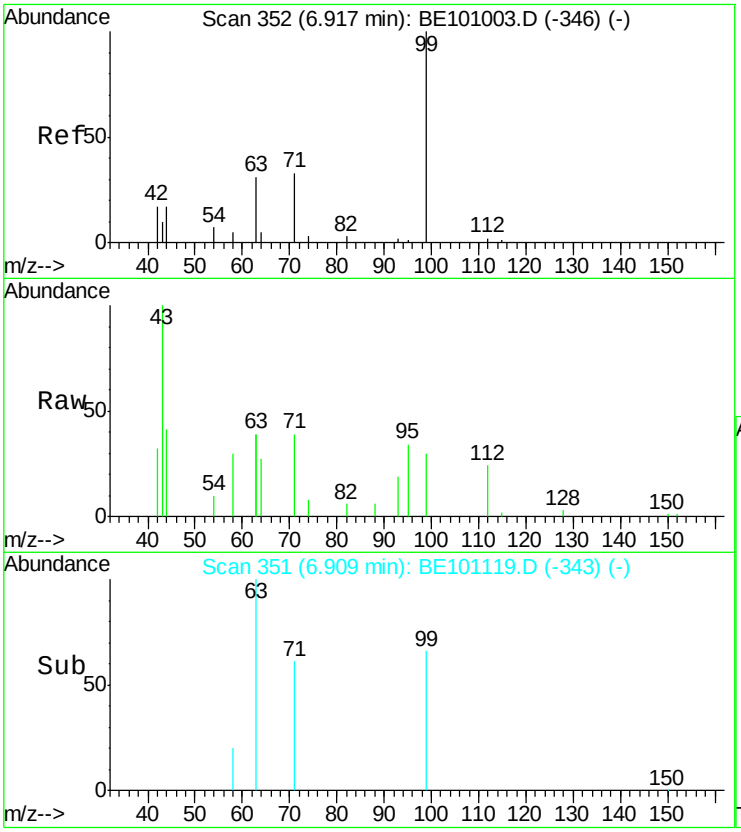


#4
2-Fluorophenol
Concen: 1.582 ng
RT: 5.32 min Scan# 213
Delta R.T. -0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:112 Resp: 10314

Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.6	80.4#
63	0.0	114.6	172.0#

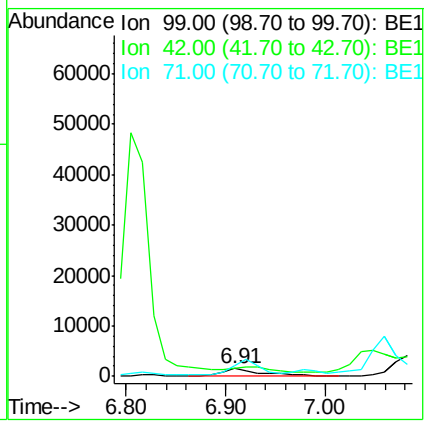




#5
Phenol-d6
Concen: 0.433 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion: 99 Resp: 3570

Ion	Ratio	Lower	Upper
99	100		
42	82.4	18.3	27.5#
71	167.5	28.0	42.0#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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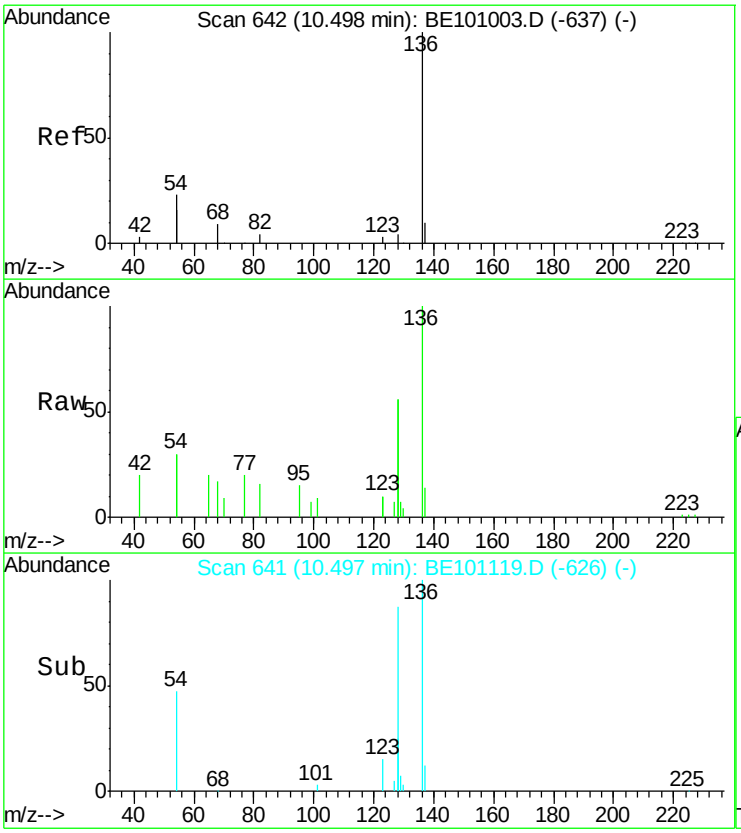
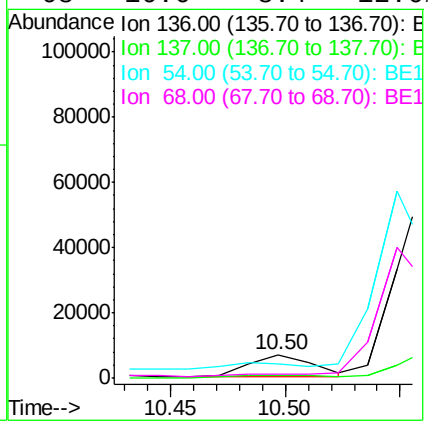
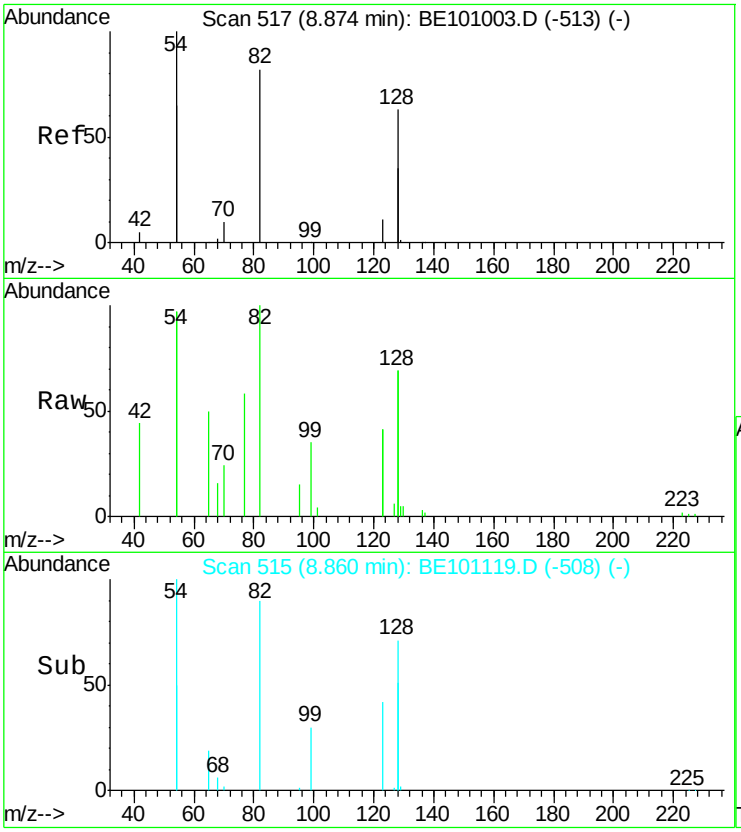


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:136 Resp: 13371

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.3	13.9
54	60.1	36.8	55.2#
68	16.6	8.4	12.6#

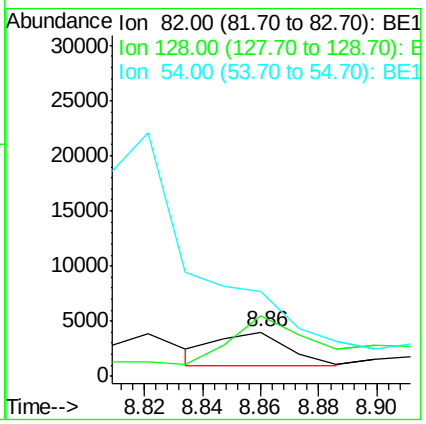




#8
Nitrobenzene-d5
Concen: 0.529 ng m
RT: 8.86 min Scan# 515
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion: 82 Resp: 5062

Ion	Ratio	Lower	Upper
82	100		
128	68.6	109.8	164.6#
54	96.7	174.5	261.7#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

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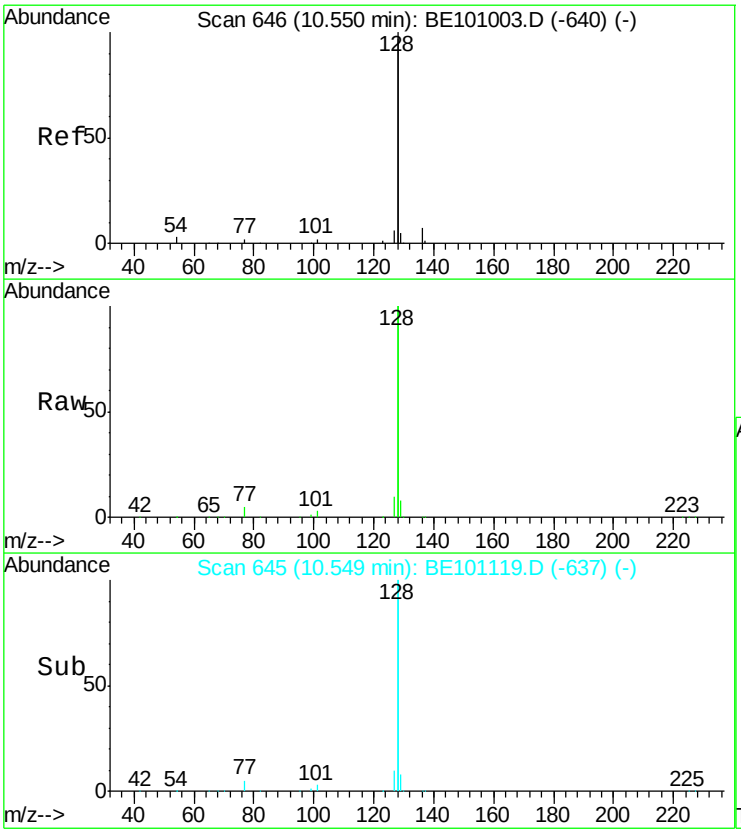
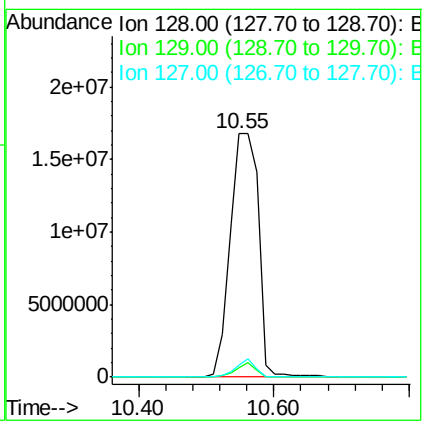
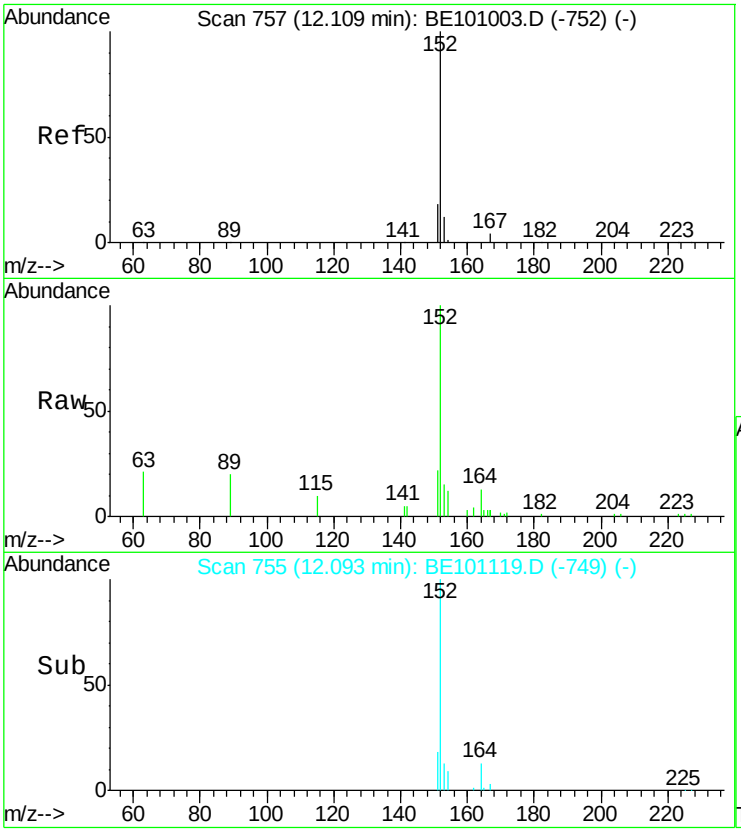


#9
Naphthalene
Concen: 332.243 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:128 Resp:49327139

Ion	Ratio	Lower	Upper
128	100		
129	4.0	2.3	3.5#
127	5.1	2.7	4.1#





#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:152 Resp: 10162

Ion	Ratio	Lower	Upper
152	100		
151	23.5	15.0	22.6#

Instrument :
BNA_E
ClientSampleId :
SB-MW-16

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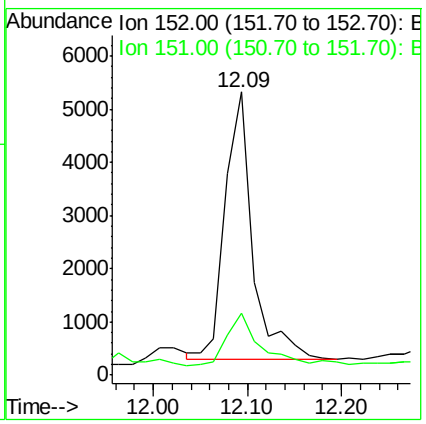
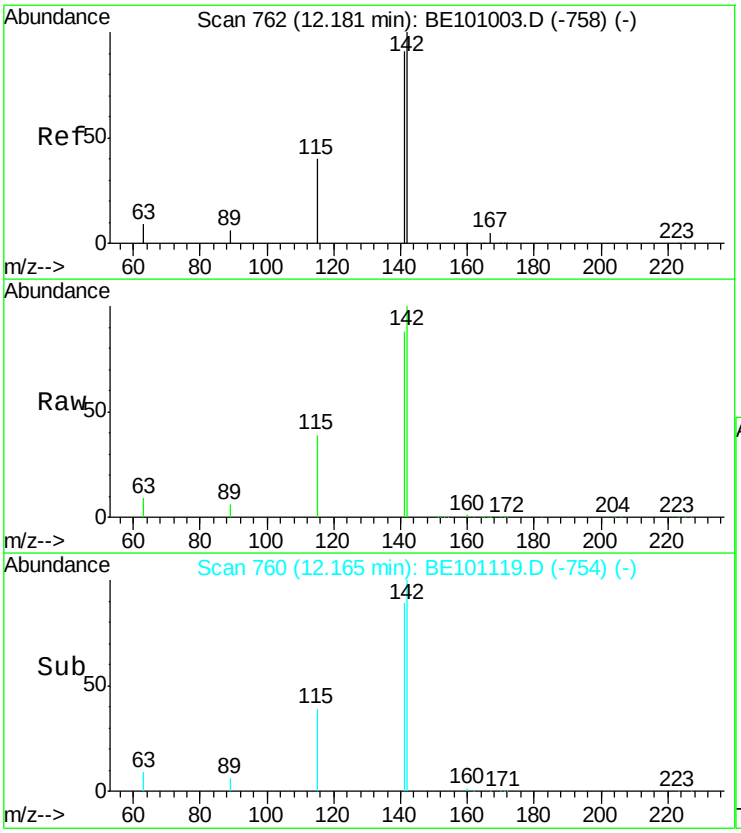
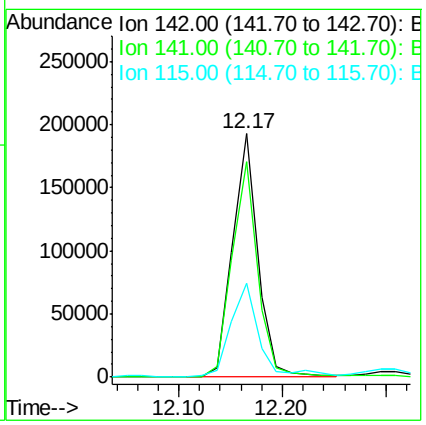


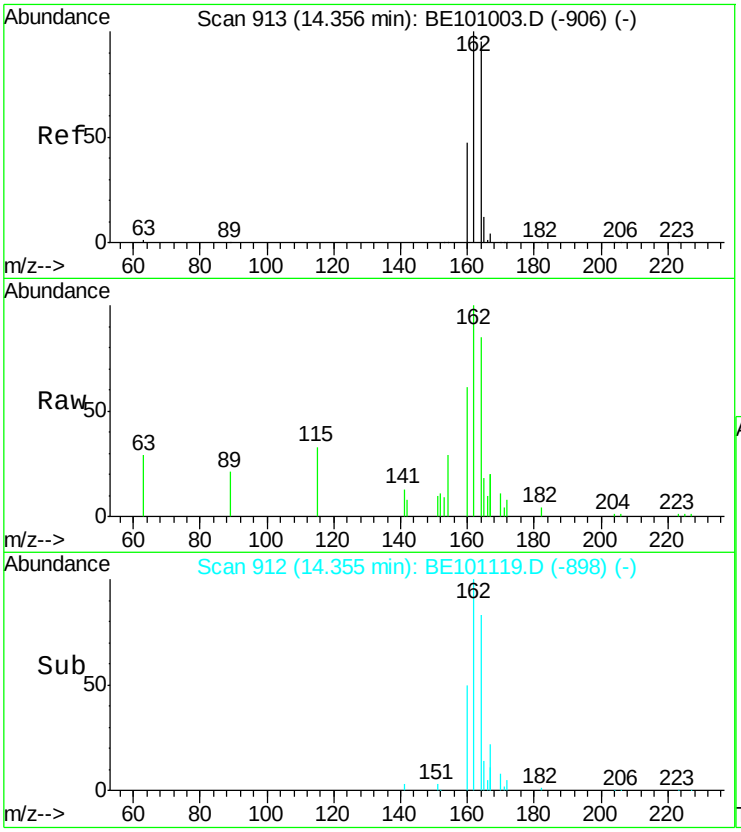


#12
2-Methylnaphthalene
Concen: 14.555 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:142 Resp: 326860

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.5	108.7
115	38.8	33.0	49.6

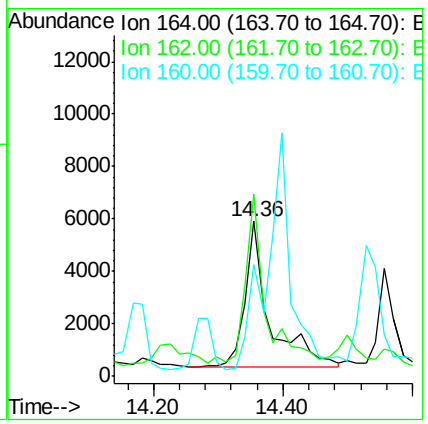




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:164 Resp: 14794

Ion	Ratio	Lower	Upper
164	100		
162	117.6	84.1	126.1
160	71.9	40.4	60.6#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

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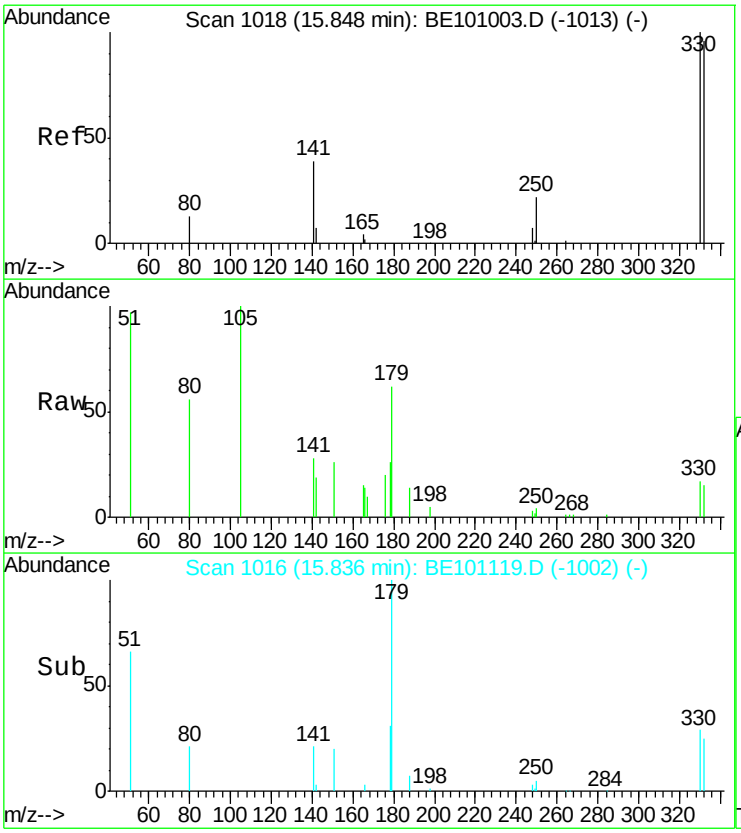
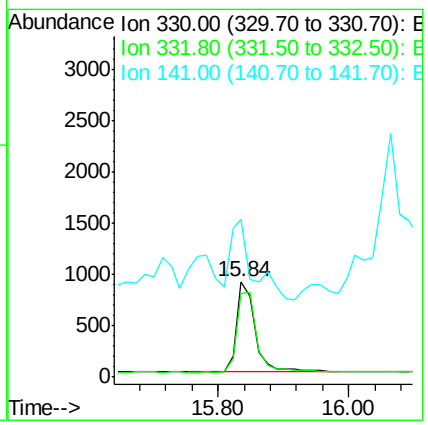
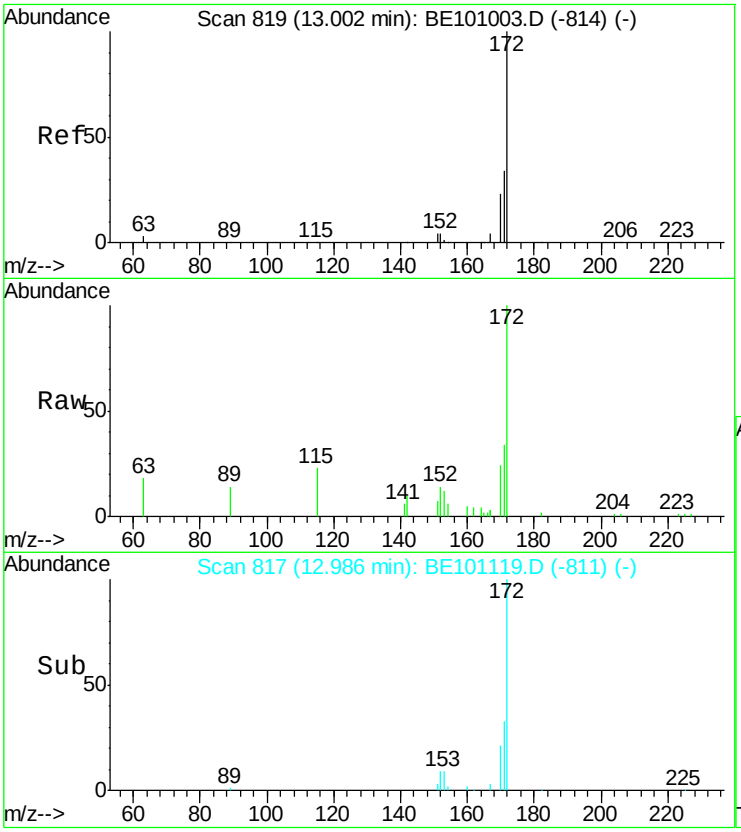


#14
2,4,6-Tribromophenol
Concen: 0.429 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:330 Resp: 1793

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	101.1	37.0	55.4#

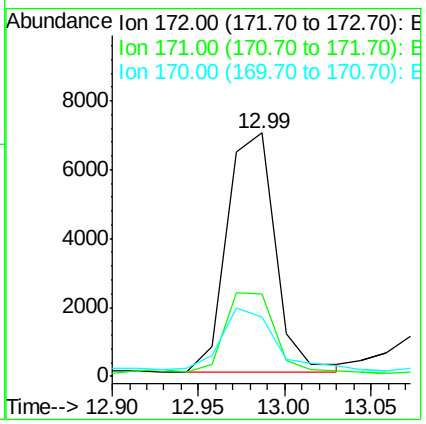




#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:172 Resp: 13473

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.2
170	24.1	18.9	28.3



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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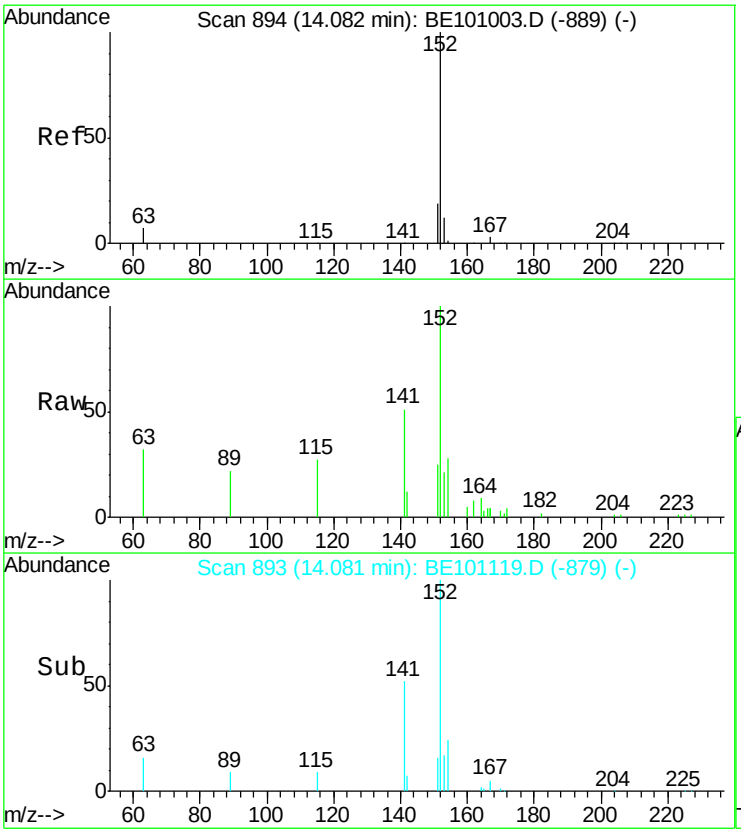
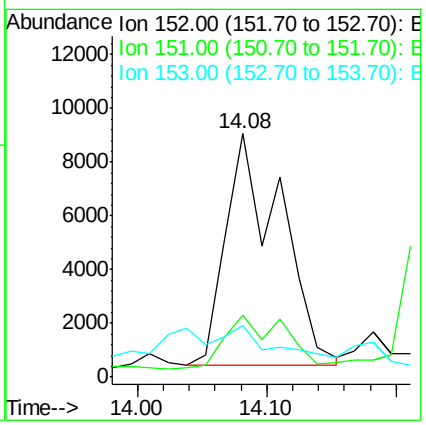
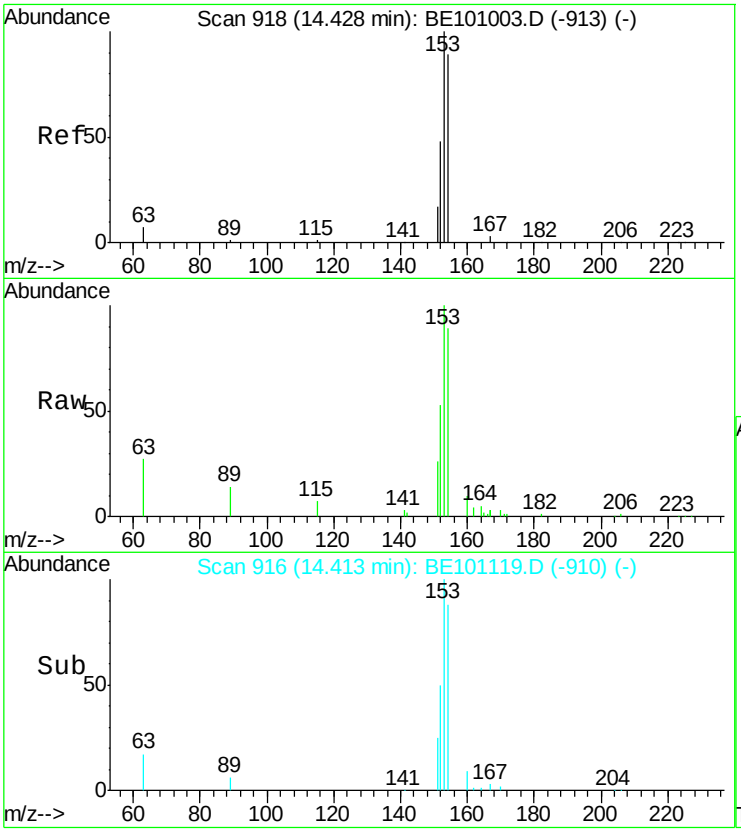


#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:152 Resp: 25332

Ion	Ratio	Lower	Upper
152	100		
151	26.0	15.5	23.3#
153	0.0	10.4	15.6#

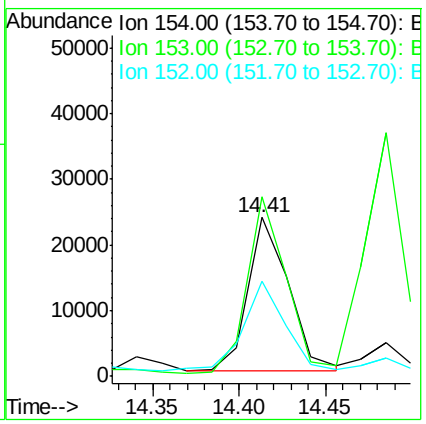




#17
Acenaphthene
Concen: 0.893 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:154 Resp: 38521

Ion	Ratio	Lower	Upper
154	100		
153	109.8	93.6	140.4
152	61.0	46.3	69.5



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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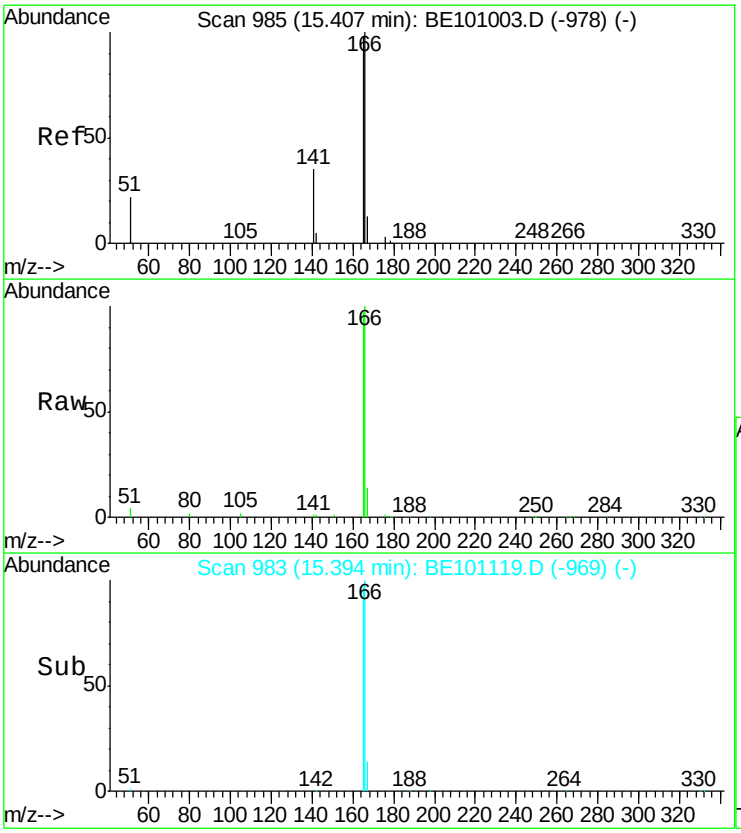
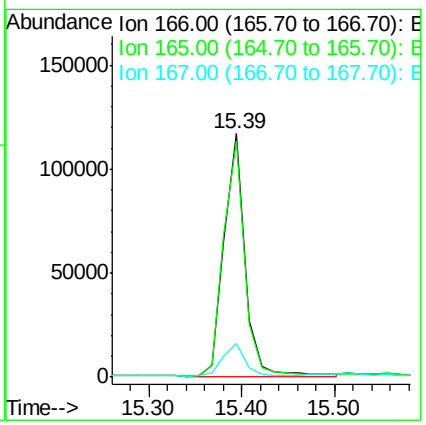
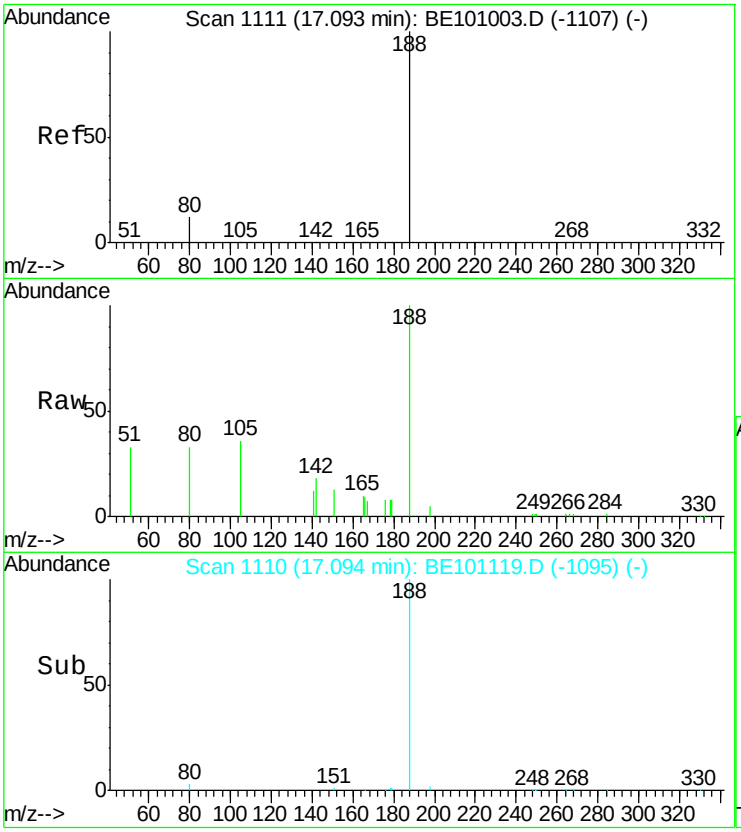


#18
Fluorene
Concen: 3.331 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:166 Resp: 181604

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	14.2	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: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:188 Resp: 18046

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	33.2	10.8	16.2#

Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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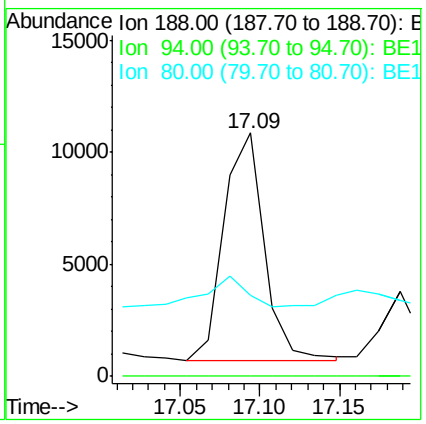
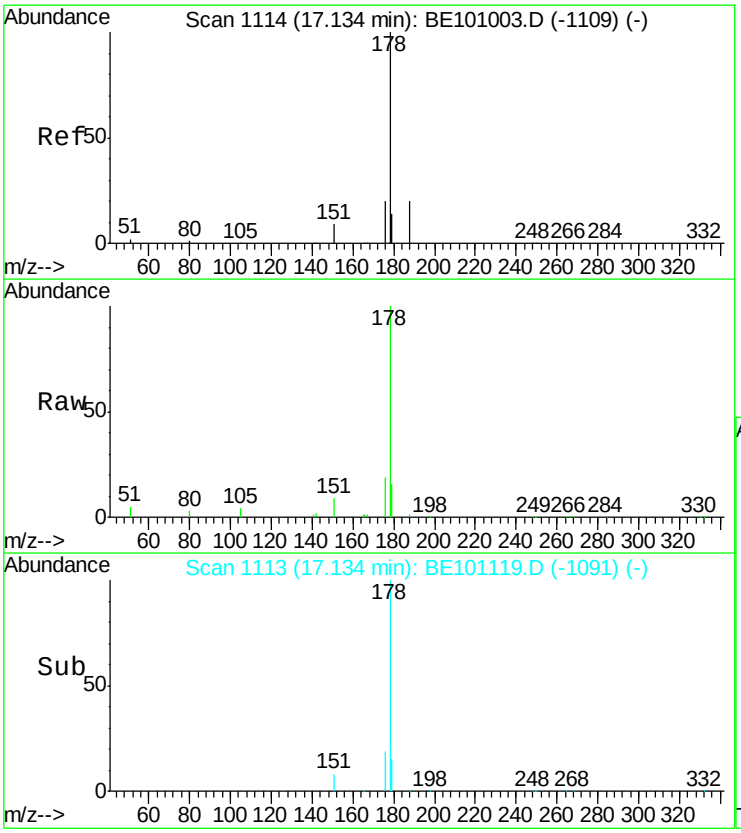
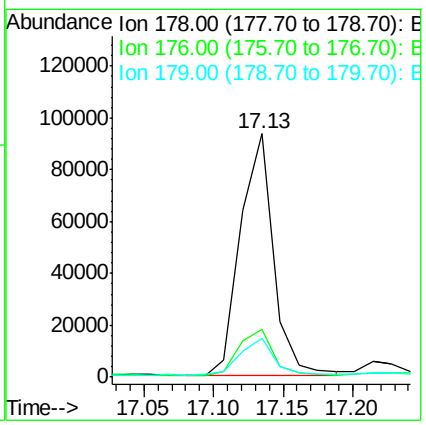


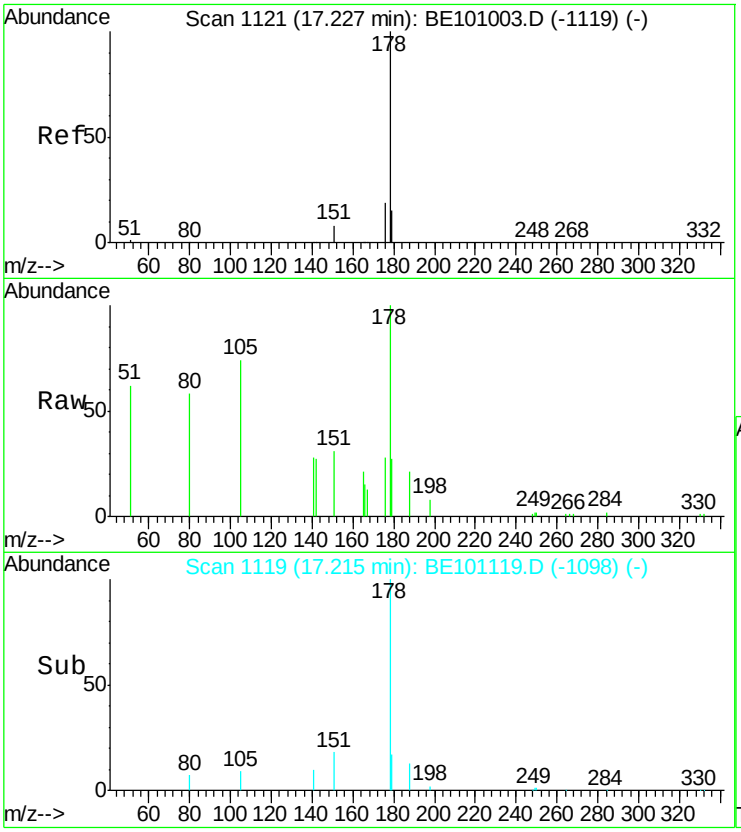


#23
Phenanthrene
Concen: 3.112 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:178 Resp: 153369

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.8	12.0	18.0





#24
Anthracene
Concen: 0.213 ng m
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:178 Resp: 9906

Ion	Ratio	Lower	Upper
178	100		
176	300.7	14.8	22.2#
179	259.9	12.4	18.6#

Instrument :
BNA_E
ClientSampleId :
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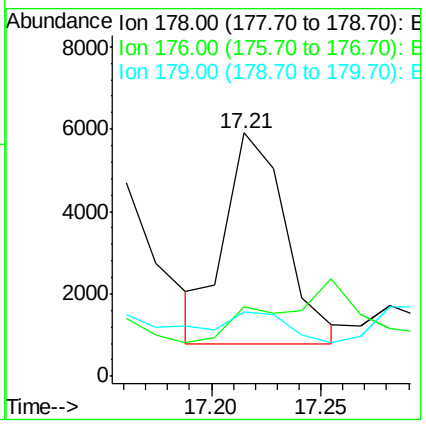
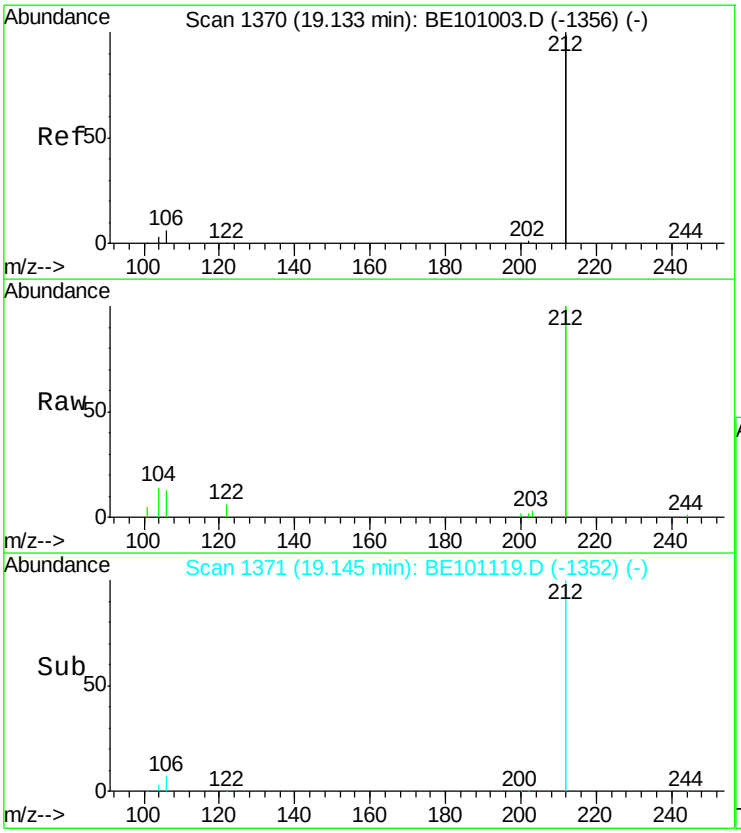
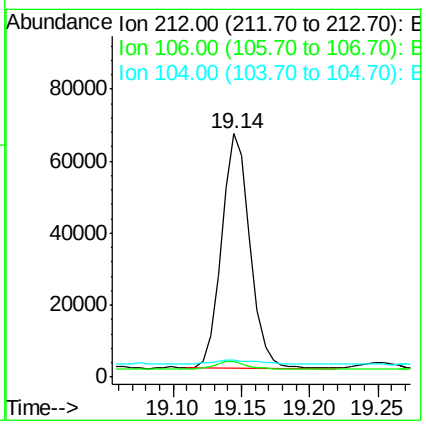


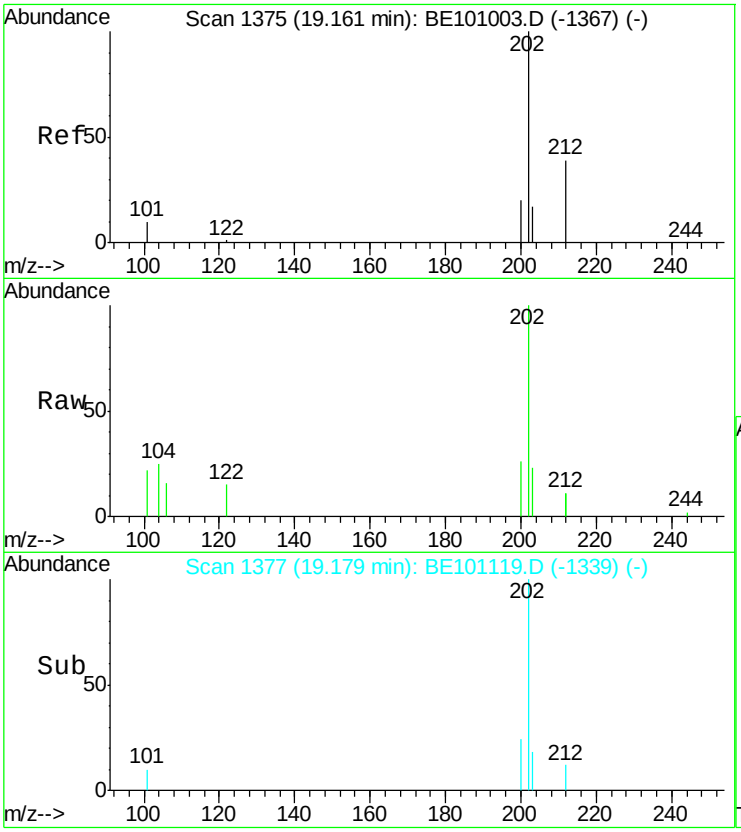


#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:212 Resp: 95172

Ion	Ratio	Lower	Upper
212	100		
106	3.9	2.6	3.8#
104	3.2	1.4	2.0#

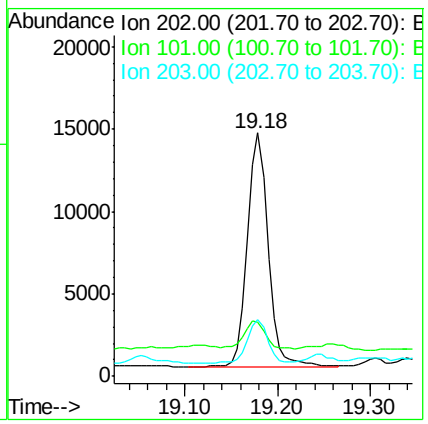




#26
Fluoranthene
Concen: 0.362 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:202 Resp: 22361

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
203	18.7	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
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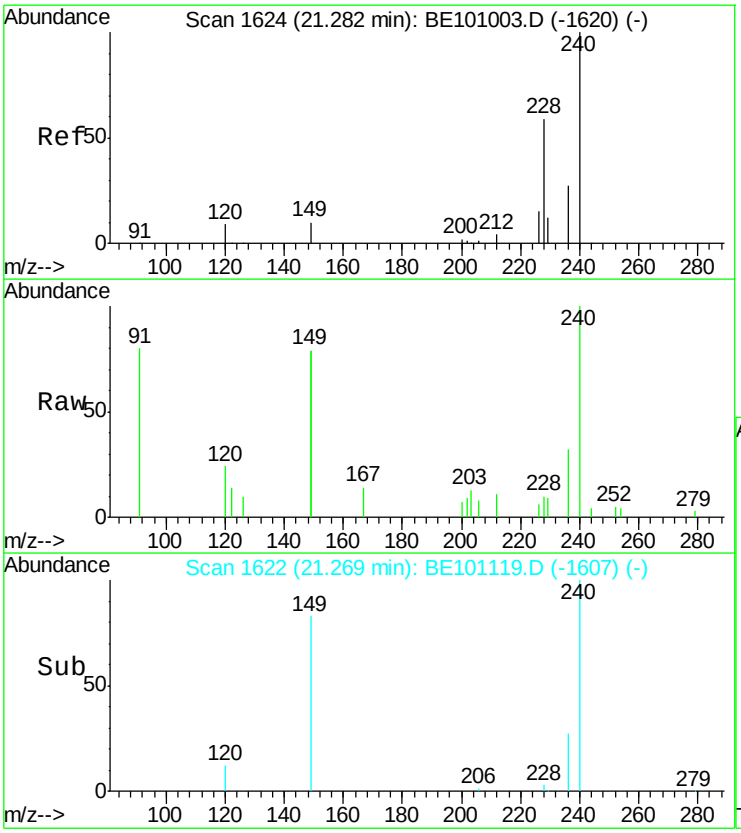
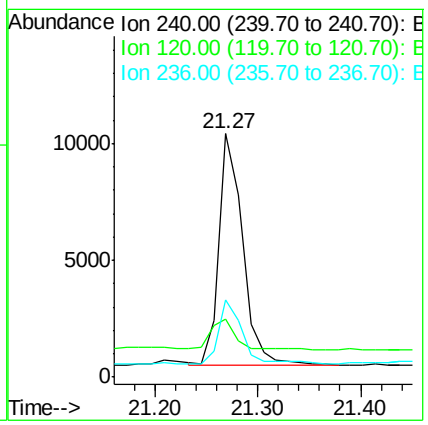
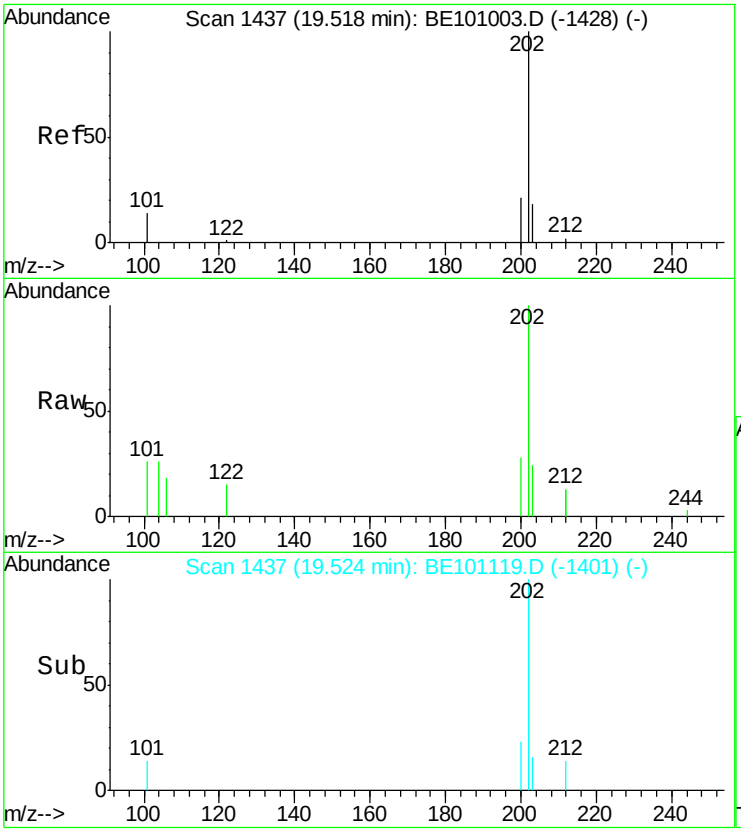


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:240 Resp: 16004

Ion	Ratio	Lower	Upper
240	100		
120	24.0	8.6	13.0#
236	31.9	22.2	33.4





#28
Pyrene
Concen: 0.266 ng
RT: 19.52 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:202 Resp: 15849

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.0	25.4
203	22.8	13.8	20.6#

Instrument :
BNA_E
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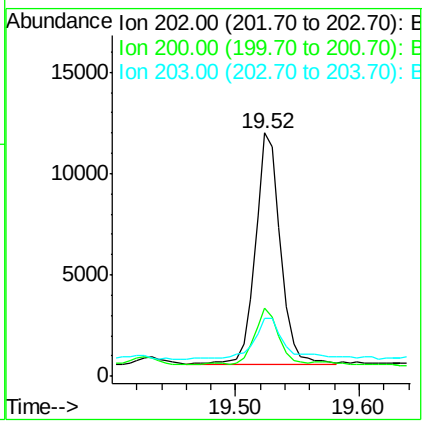
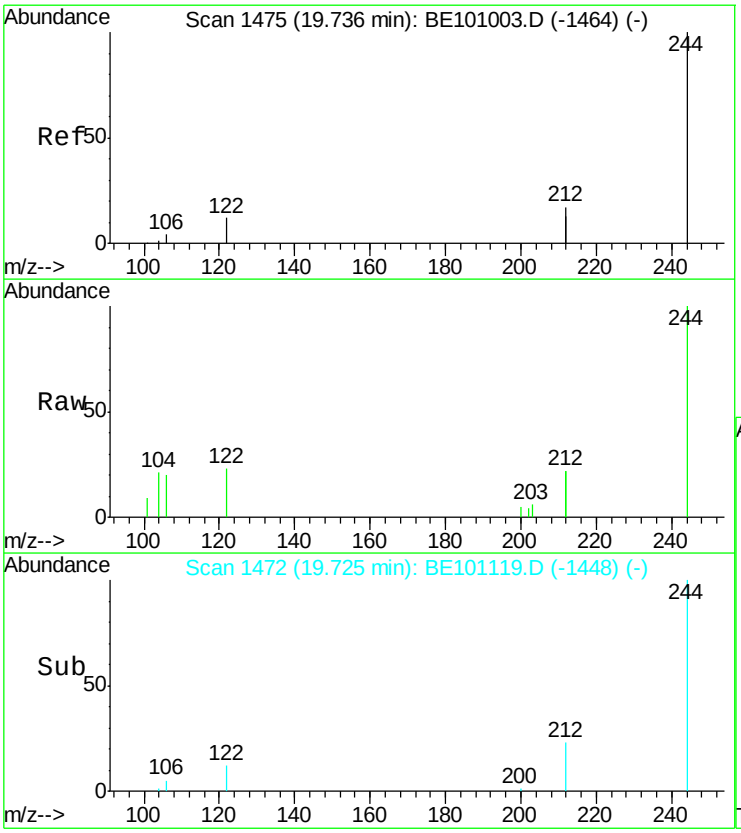
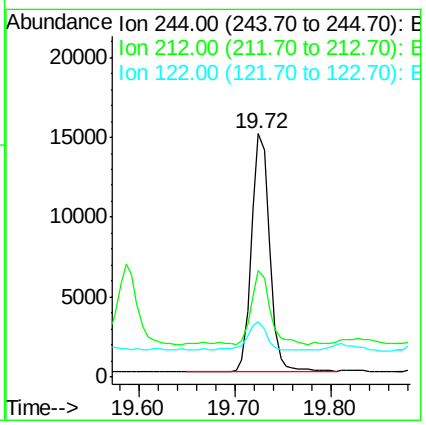


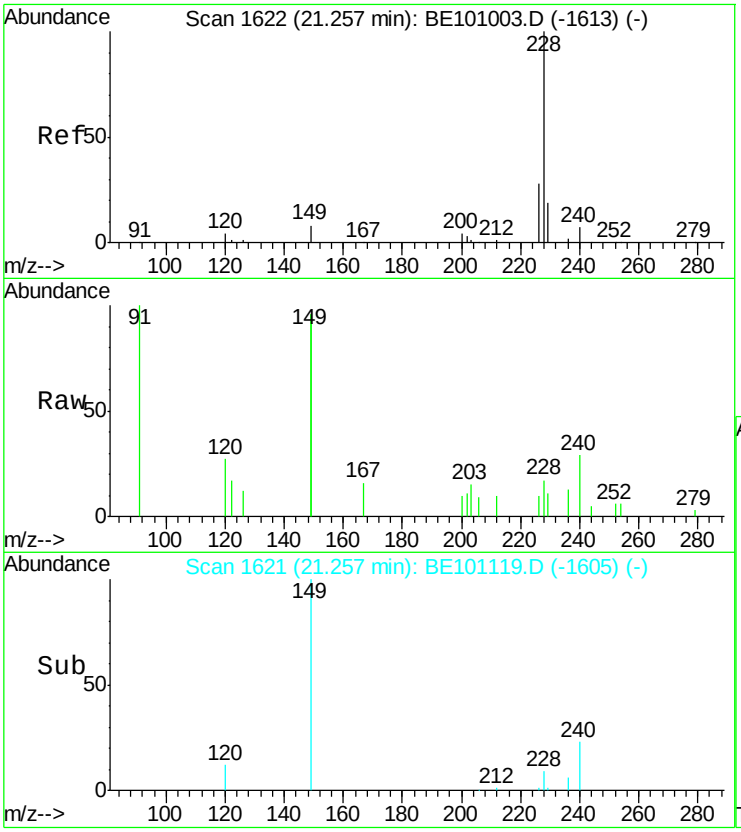


#29
Terphenyl-d14
Concen: 0.500 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:244 Resp: 19629

Ion	Ratio	Lower	Upper
244	100		
212	44.0	27.2	40.8#
122	23.0	9.8	14.8#





#30
Benzo(a)anthracene
Concen: 0.033 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:228 Resp: 1511

Ion	Ratio	Lower	Upper
228	100		
226	55.7	22.7	34.1#
229	66.6	15.5	23.3#

Instrument :
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ClientSampleId :
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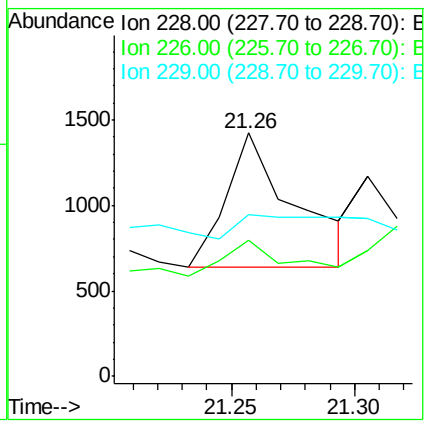
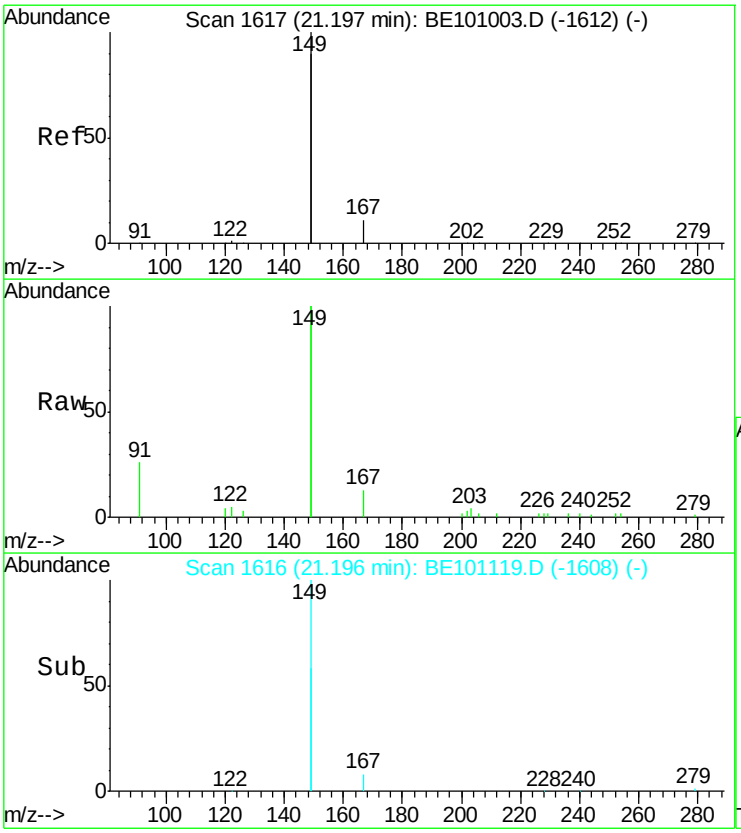
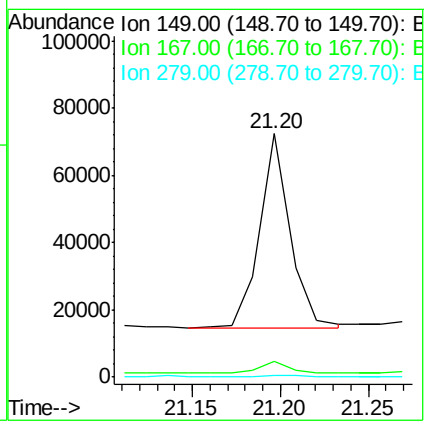


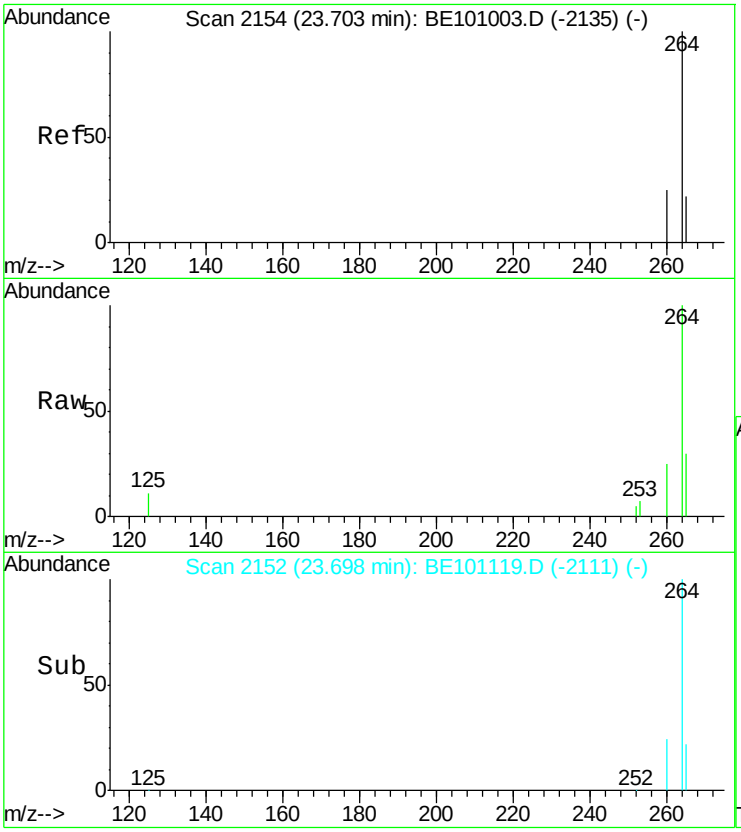


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.910 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:149 Resp: 69250

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

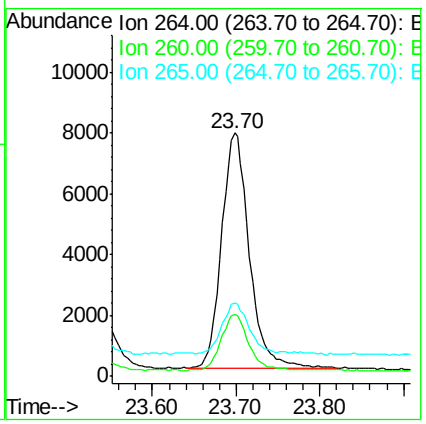




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101119.D
Acq: 22 Jan 2020 17:55

Tgt Ion:264 Resp: 17857

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.3	30.5
265	30.2	27.0	40.4



Instrument :
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ClientSampleId :
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