Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
Data File : BE101107.D
Acq On : 21 Jan 2020 11:40
Operator : CG/JU
Sample : L1179-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-MW-16

Manual Integrations APPROVED
mohammad
1/22/2020 1:35:26 PM

Quant Time: Jan 22 10:22:49 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	1018	0.40	ng		-0.02
7) Naphthalene-d8	10.50	136	6707	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	16909	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	21043	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	24060	0.40	ng		-0.01
34) Perylene-d12	23.69	264	20097	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	3704	1.62	ng		-0.01
5) Phenol-d6	6.89	99	1695	0.58	ng		-0.02
8) Nitrobenzene-d5	8.85	82	1718	0.36	ng		-0.03
11) 2-Methylnaphthalene-d10	12.09	152	5420m	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	2005	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.97	172	8586	0.13	ng		-0.03
25) Fluoranthene-d10	19.14	212	131237	0.45	ng		0.01
29) Terphenyl-d14	19.72	244	28422	0.48	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	33540412	450.375	ng	#	97
12) 2-Methylnaphthalene	12.17	142	192109	17.054	ng		96
16) Acenaphthylene	14.07	152	27345	0.397	ng	#	91
17) Acenaphthene	14.41	154	33900	0.688	ng		91
18) Fluorene	15.39	166	174595	2.802	ng		99
22) Pentachlorophenol	16.75	266	74	0.269	ng	#	78
23) Phenanthrene	17.12	178	181814	3.164	ng		98
24) Anthracene	17.22	178	13485m	0.249	ng		
26) Fluoranthene	19.18	202	31637	0.440	ng		98
28) Pyrene	19.52	202	23270	0.260	ng	#	92
30) Benzo(a)anthracene	21.26	228	2667m	0.039	ng		
32) Bis(2-ethylhexyl)phthalate	21.20	149	108967	0.952	ng	#	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
Data File : BE101107.D
Acq On : 21 Jan 2020 11:40
Operator : CG/JU
Sample : L1179-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 10:22:49 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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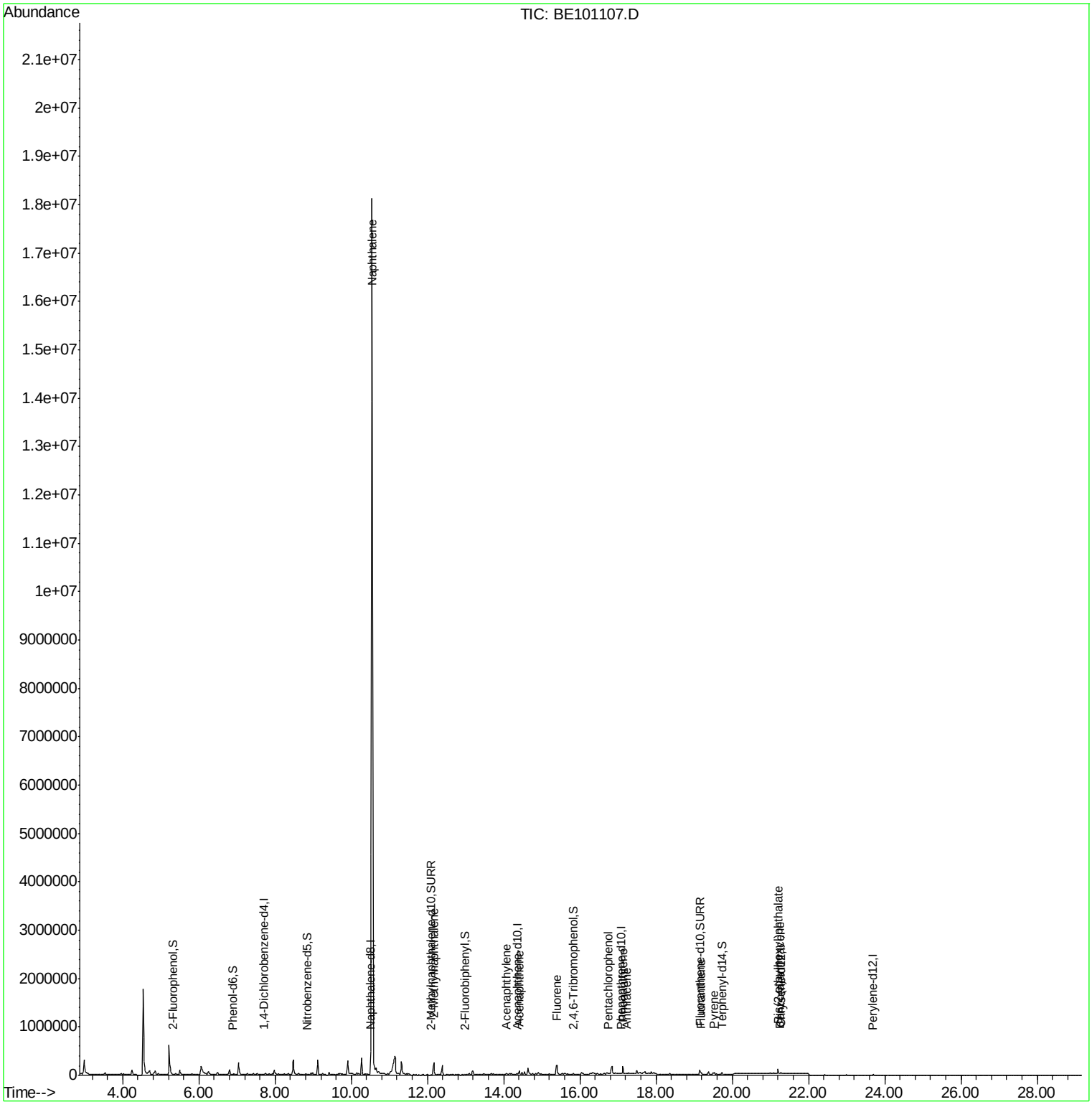
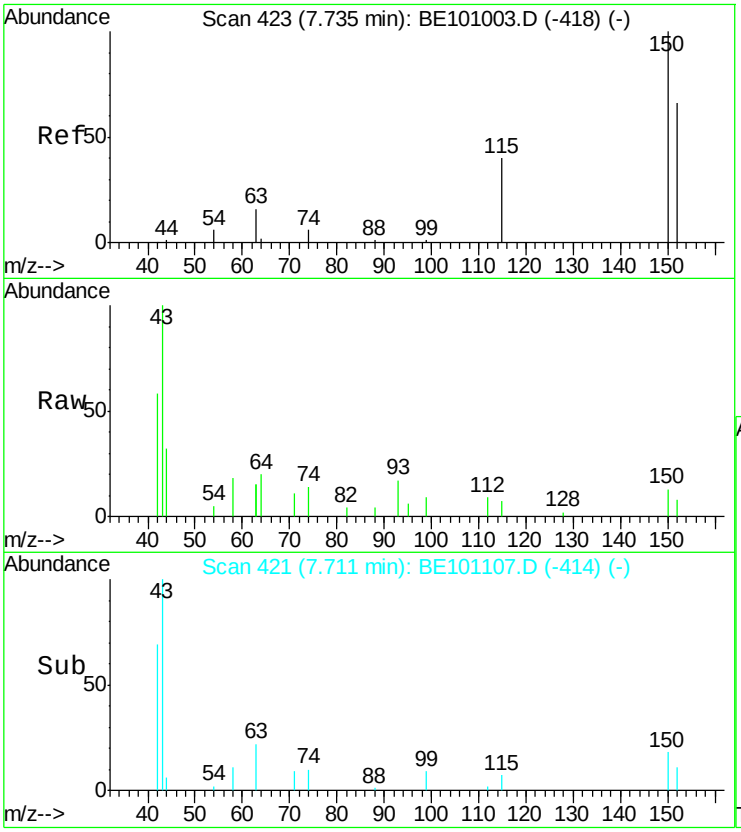
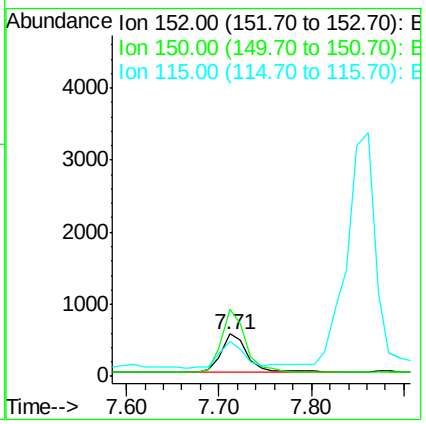




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:152 Resp: 1018

Ion	Ratio	Lower	Upper
152	100		
150	159.4	120.3	180.5
115	82.9	51.7	77.5#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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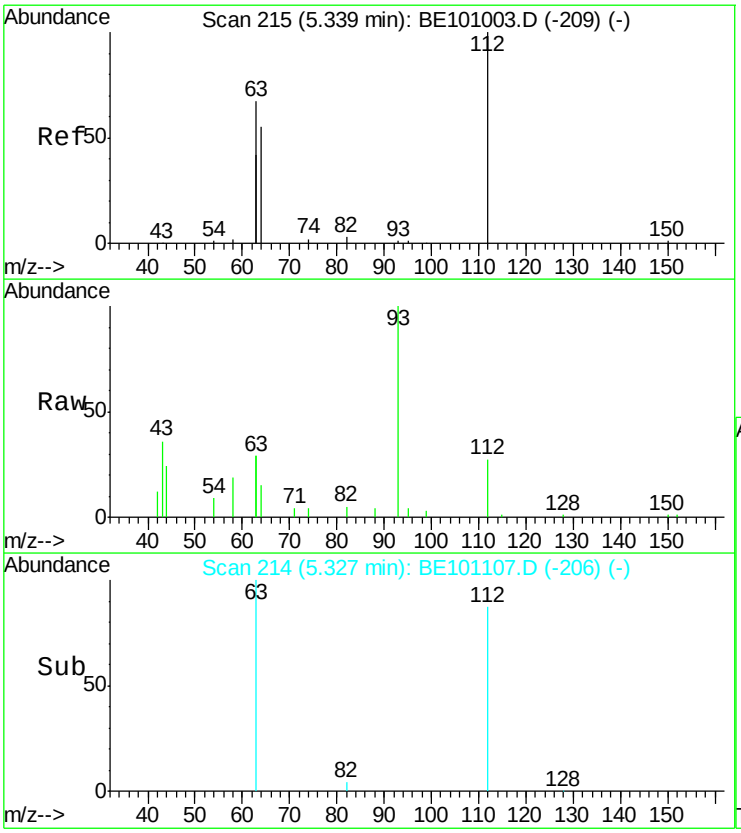
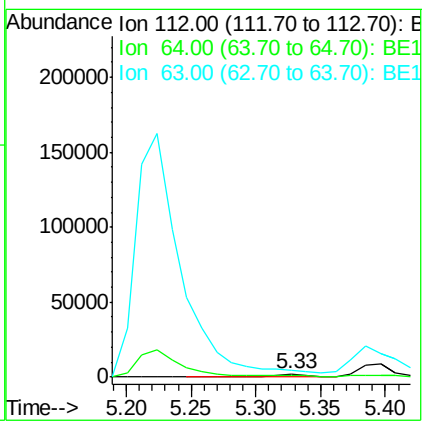
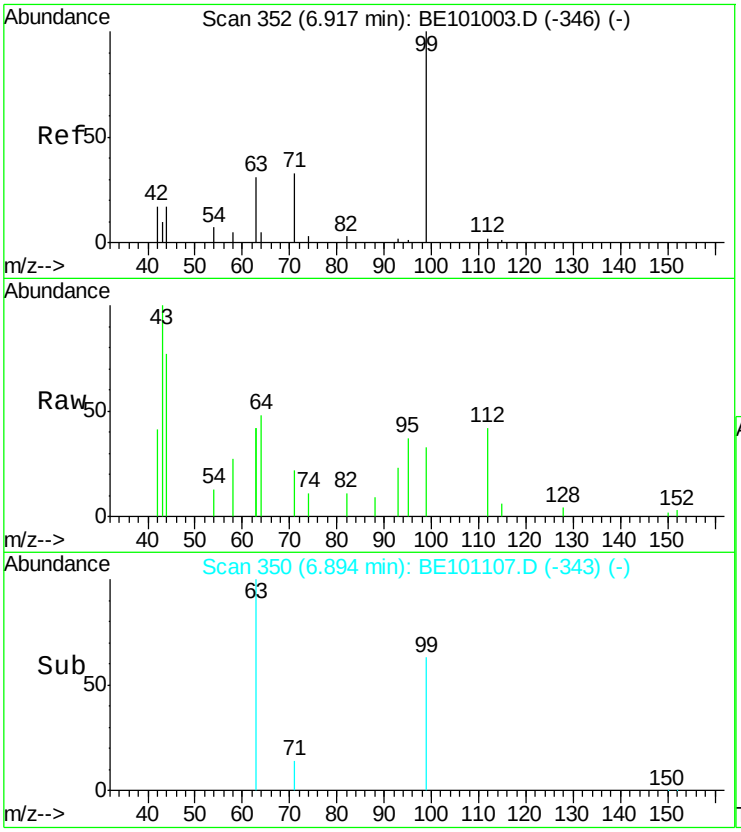


#4
2-Fluorophenol
Concen: 1.617 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:112 Resp: 3704

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

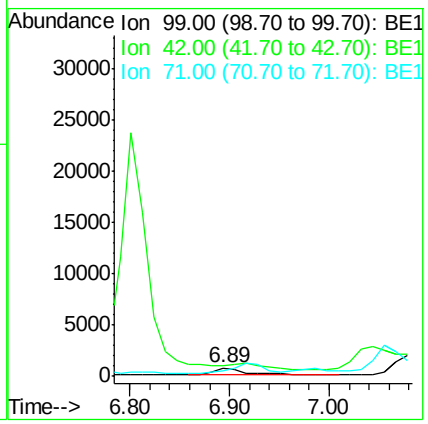




#5
Phenol-d6
Concen: 0.585 ng
RT: 6.89 min Scan# 350
Delta R.T. -0.02 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion: 99 Resp: 1695

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.3	27.5#
71	0.0	28.0	42.0#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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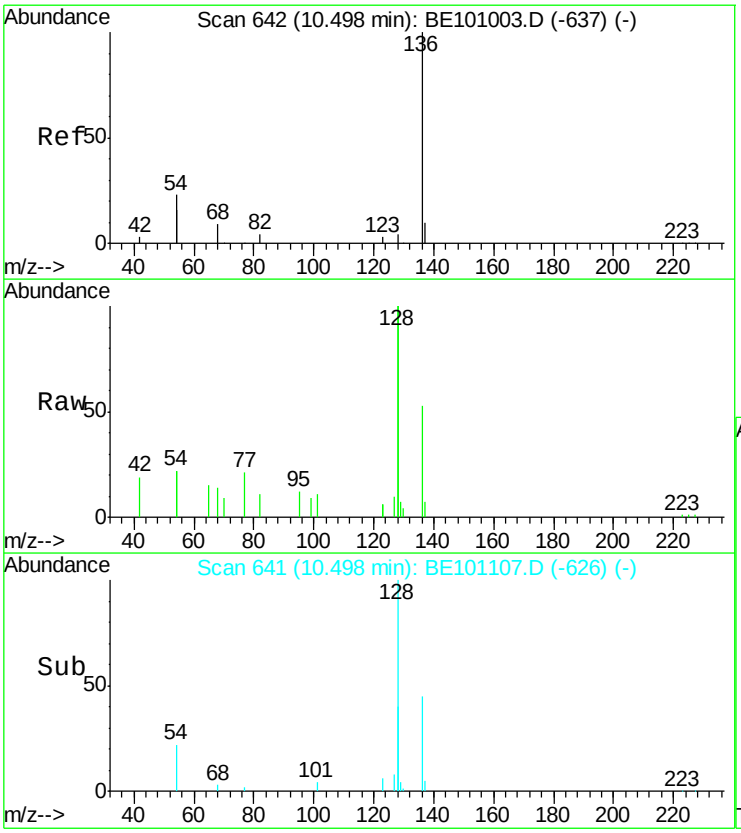
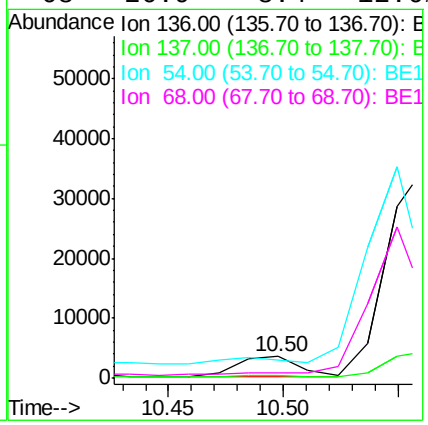
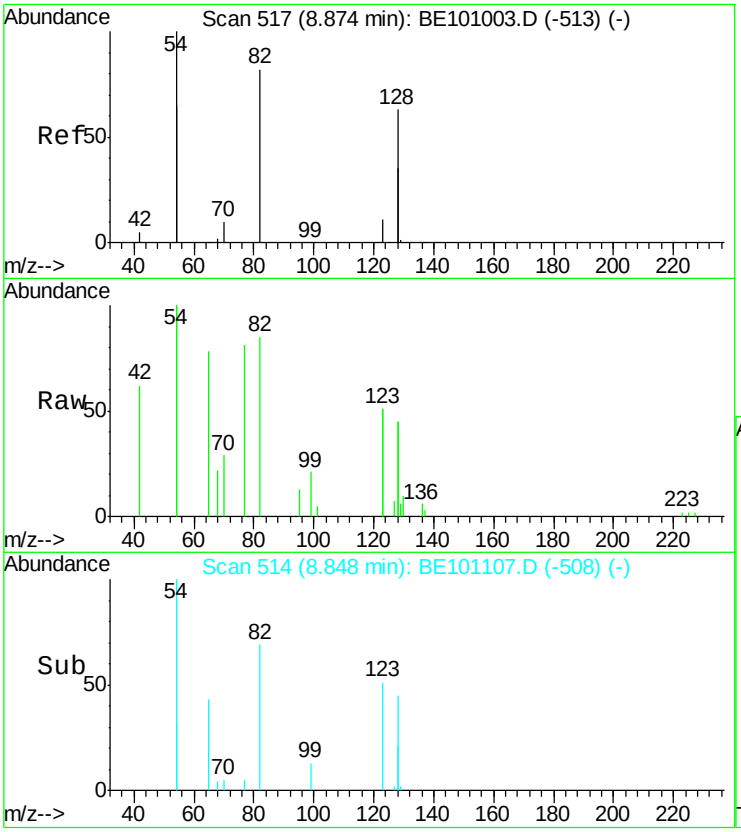


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:136 Resp: 6707

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.3	13.9
54	83.0	36.8	55.2#
68	26.9	8.4	12.6#

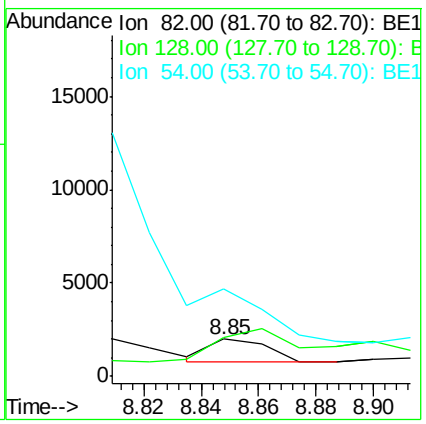




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.85 min Scan# 514
Delta R.T. -0.03 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion: 82 Resp: 1718

Ion	Ratio	Lower	Upper
82	100		
128	105.1	109.8	164.6#
54	235.5	174.5	261.7



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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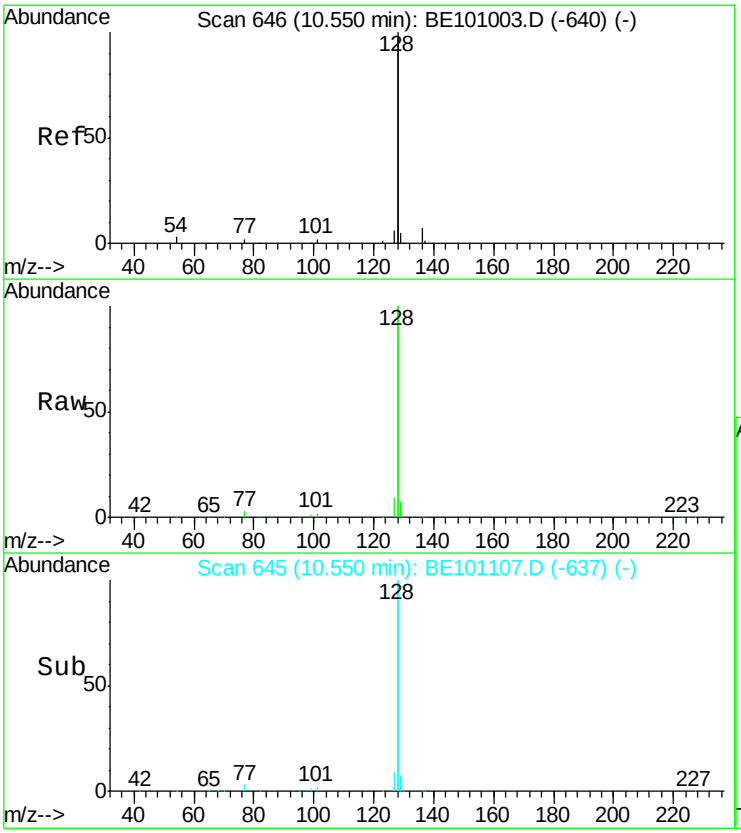
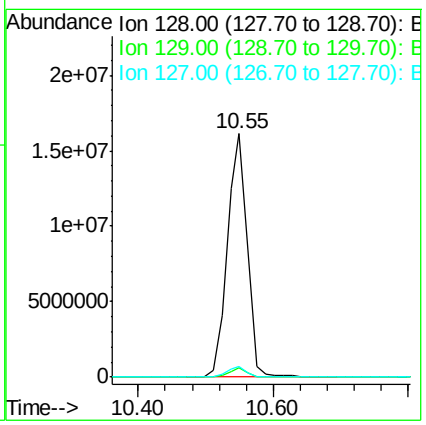
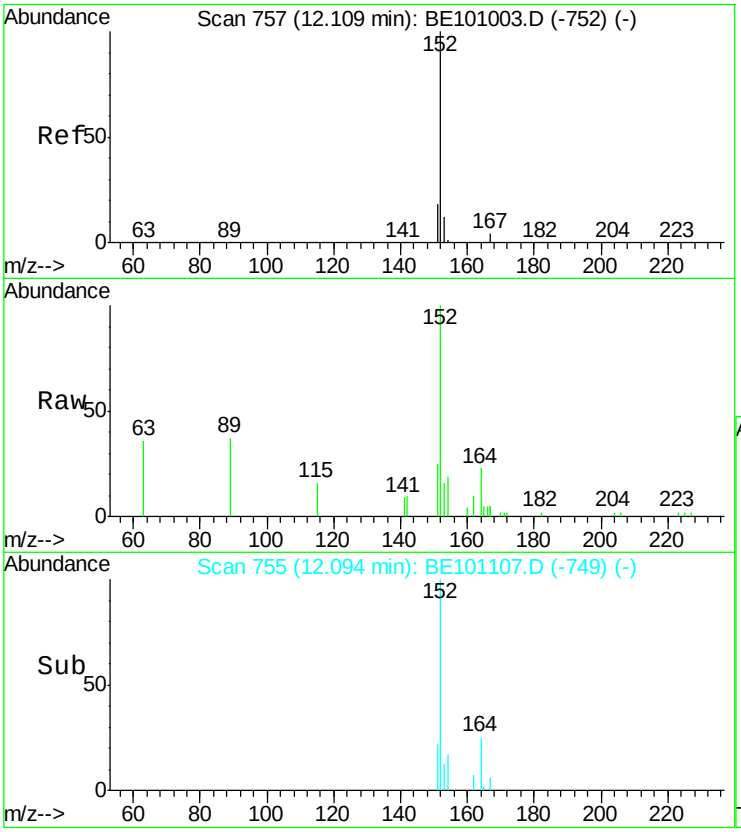


#9
Naphthalene
Concen: 450.375 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:128 Resp:33540412

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.3	3.5#
127	4.4	2.7	4.1#

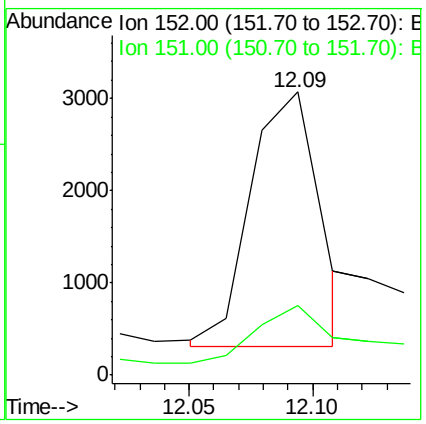




#11
2-Methylnaphthalene-d10
Concen: 0.423 ng m
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:152 Resp: 5420

Ion	Ratio	Lower	Upper
152	100		
151	33.0	15.0	22.6#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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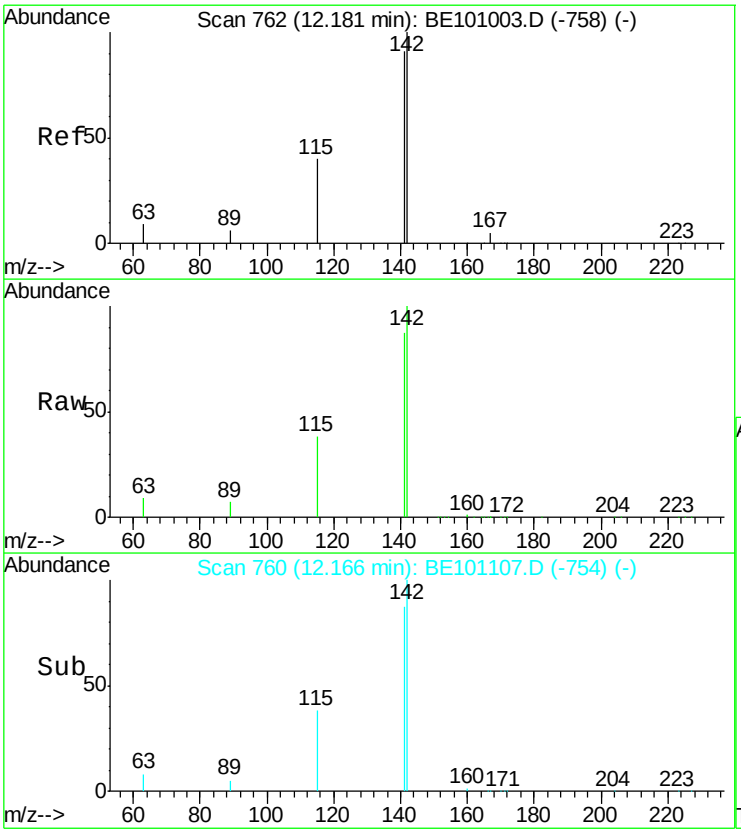
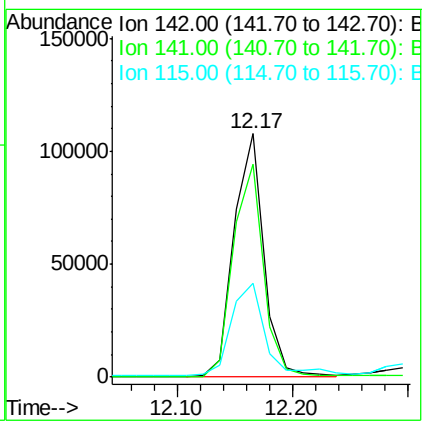
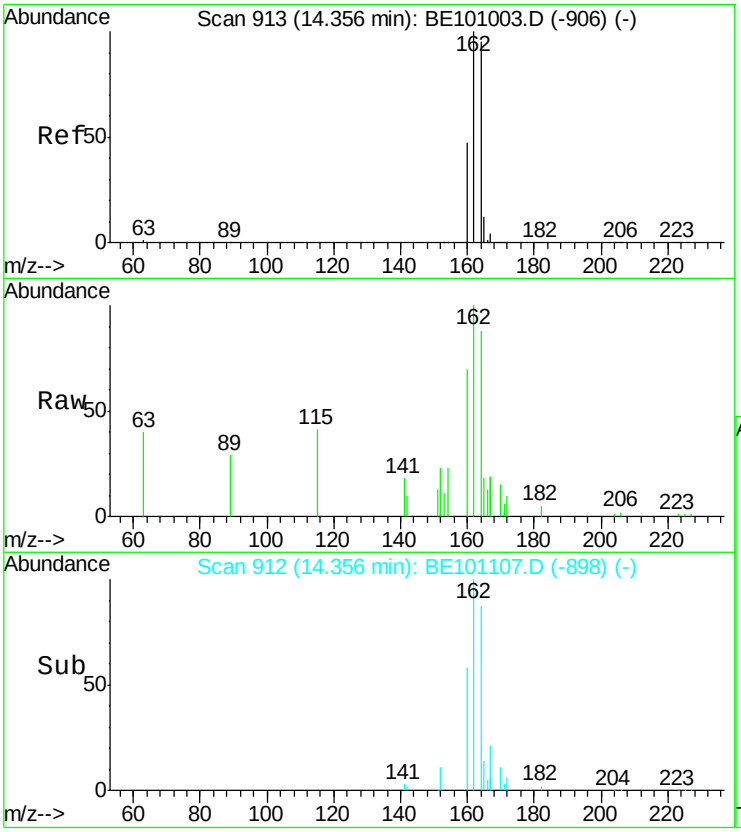


#12
2-Methylnaphthalene
Concen: 17.054 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:142 Resp: 192109

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.5	108.7
115	38.4	33.0	49.6

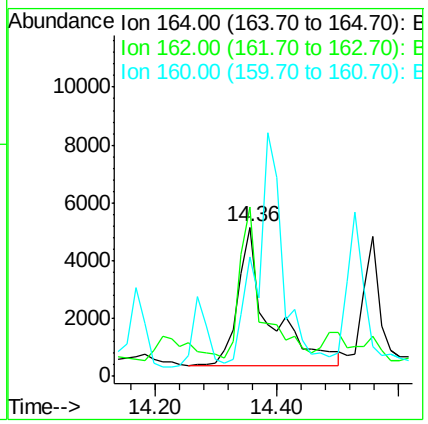




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:164 Resp: 16909

Ion	Ratio	Lower	Upper
164	100		
162	113.8	84.1	126.1
160	80.2	40.4	60.6#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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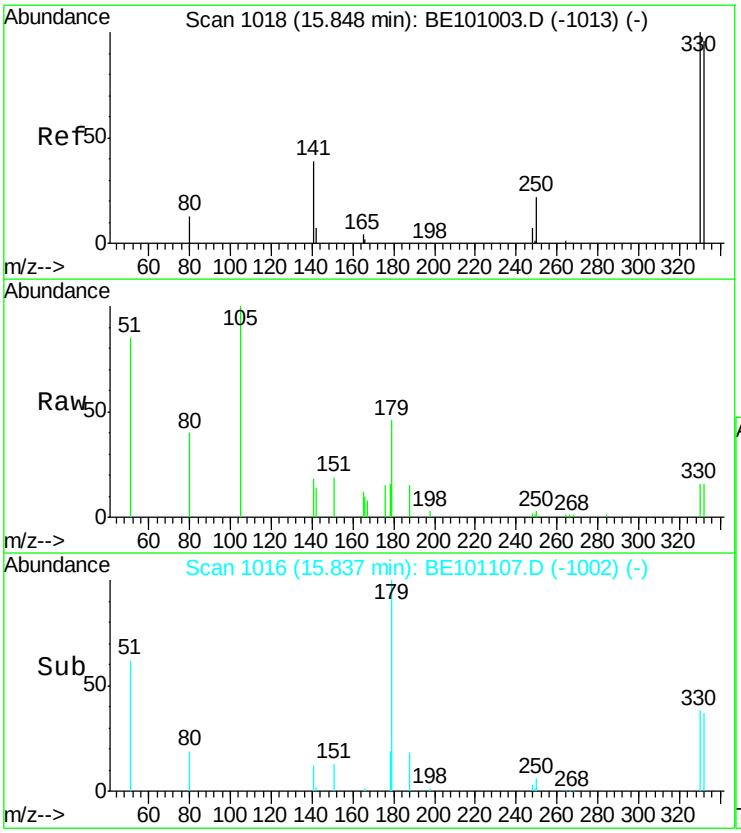
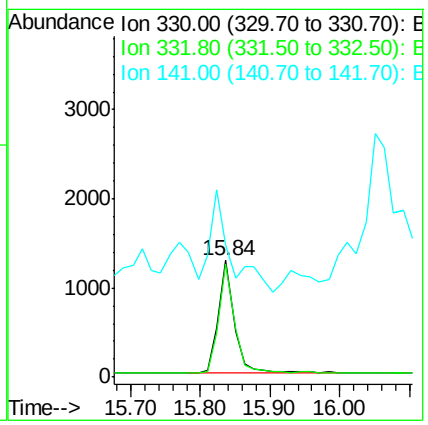
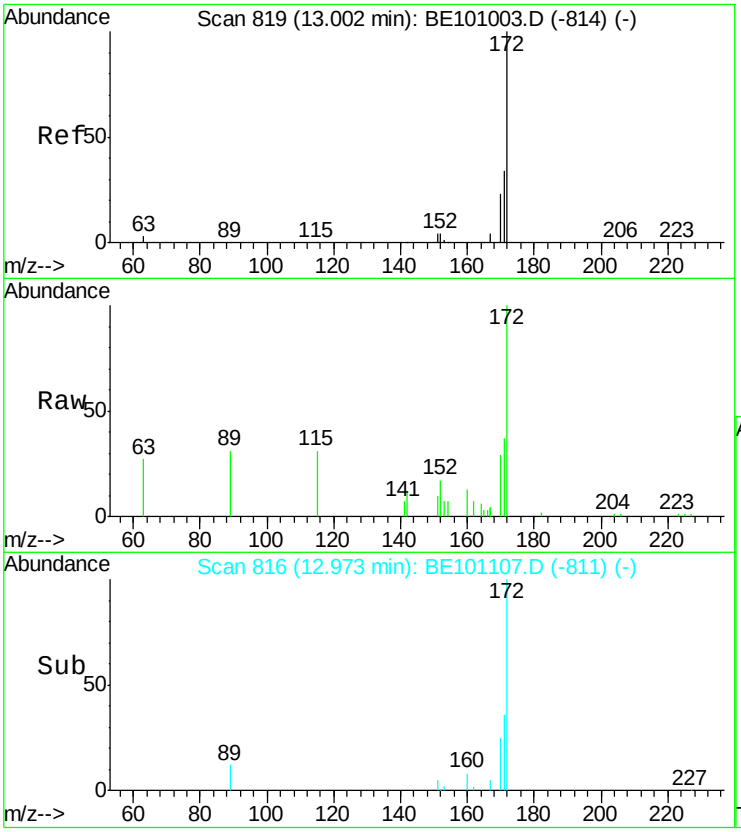


#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:330 Resp: 2005

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	116.2	37.0	55.4#

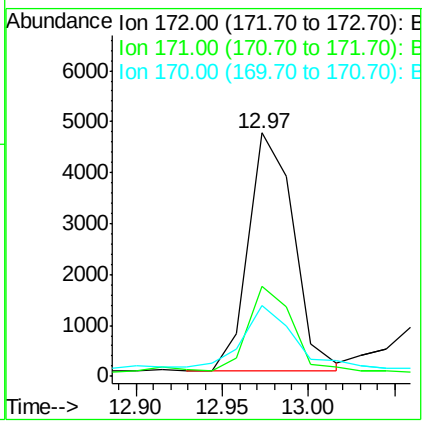




#15
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.03 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:172 Resp: 8586

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.2	42.2
170	28.9	18.9	28.3#



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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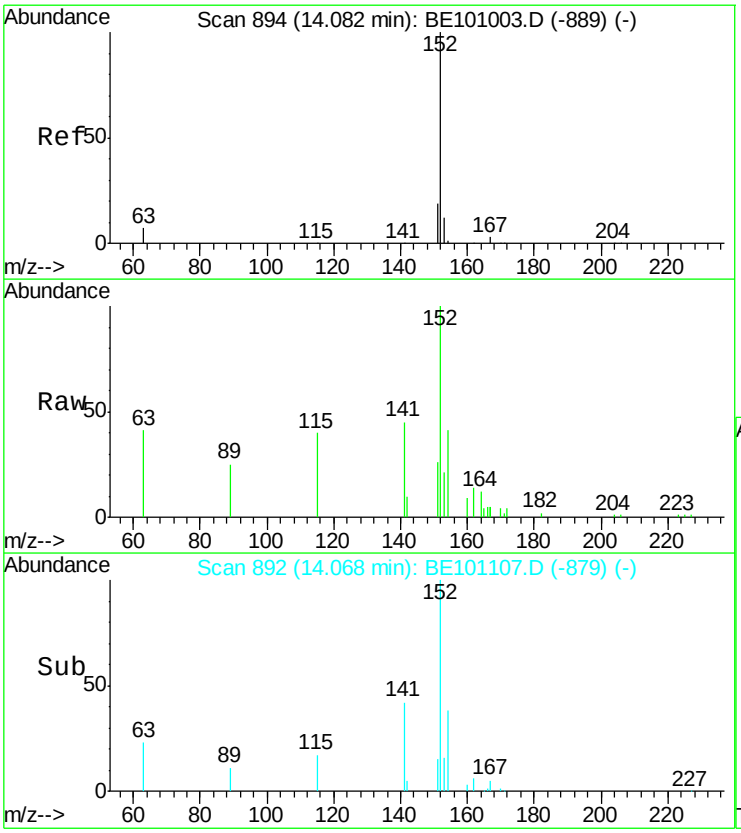
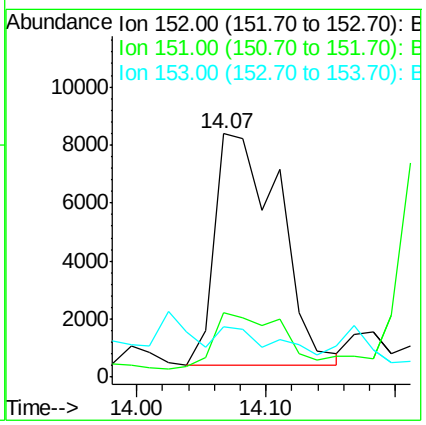
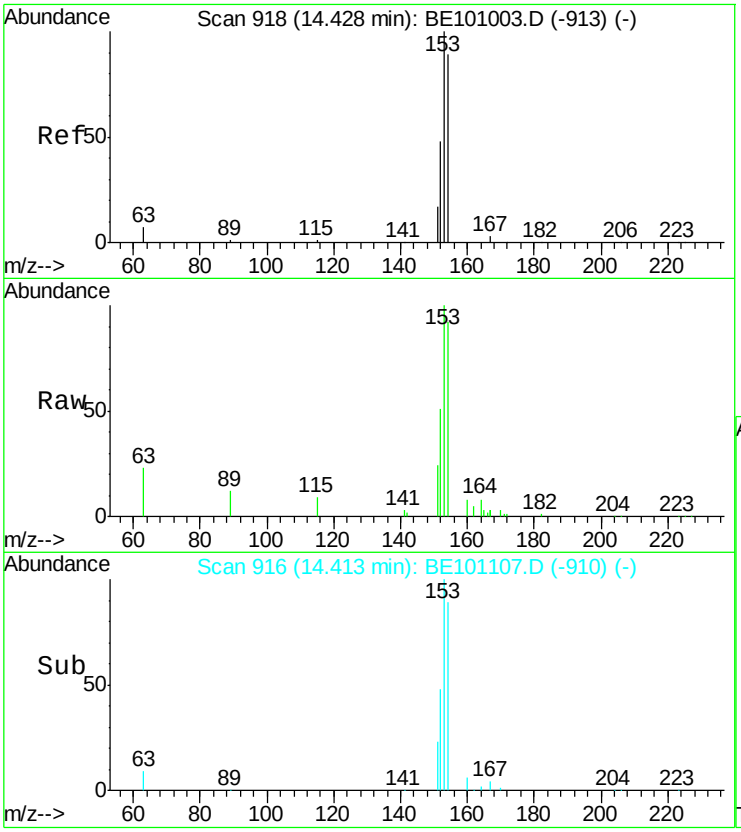


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:152 Resp: 27345

Ion	Ratio	Lower	Upper
152	100		
151	25.4	15.5	23.3#
153	11.8	10.4	15.6

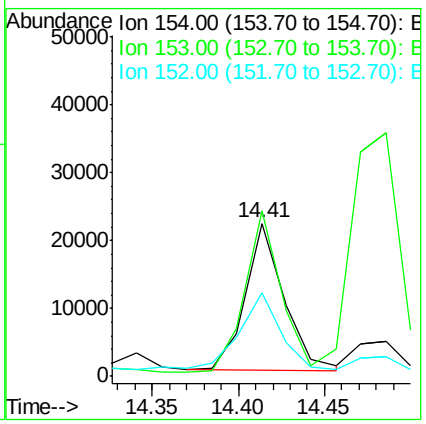




#17
Acenaphthene
Concen: 0.688 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:154 Resp: 33900

Ion	Ratio	Lower	Upper
154	100		
153	103.3	93.6	140.4
152	56.1	46.3	69.5



Instrument :
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ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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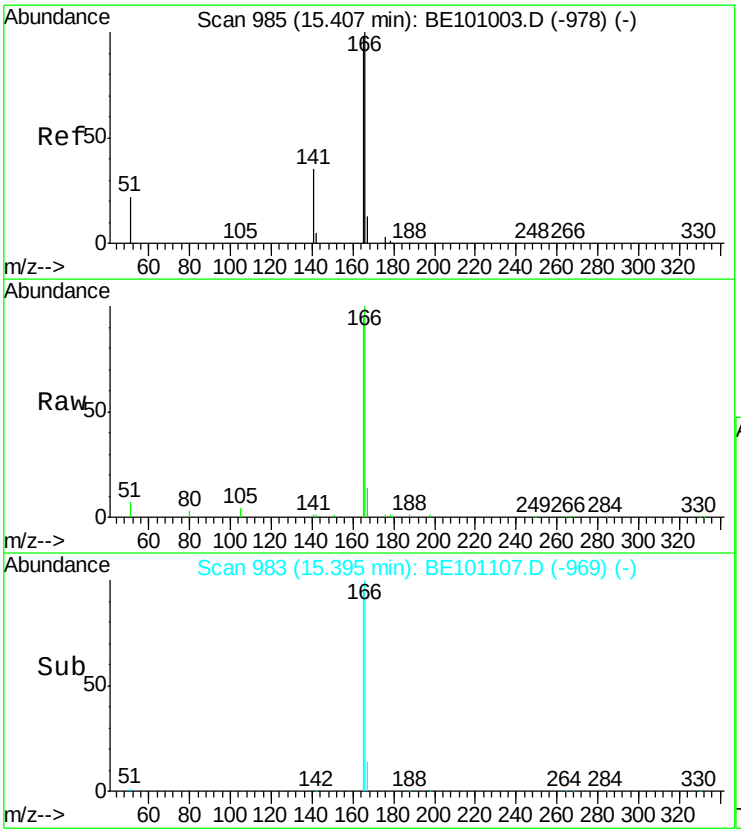
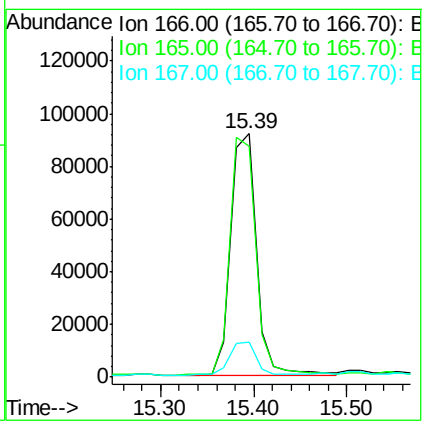
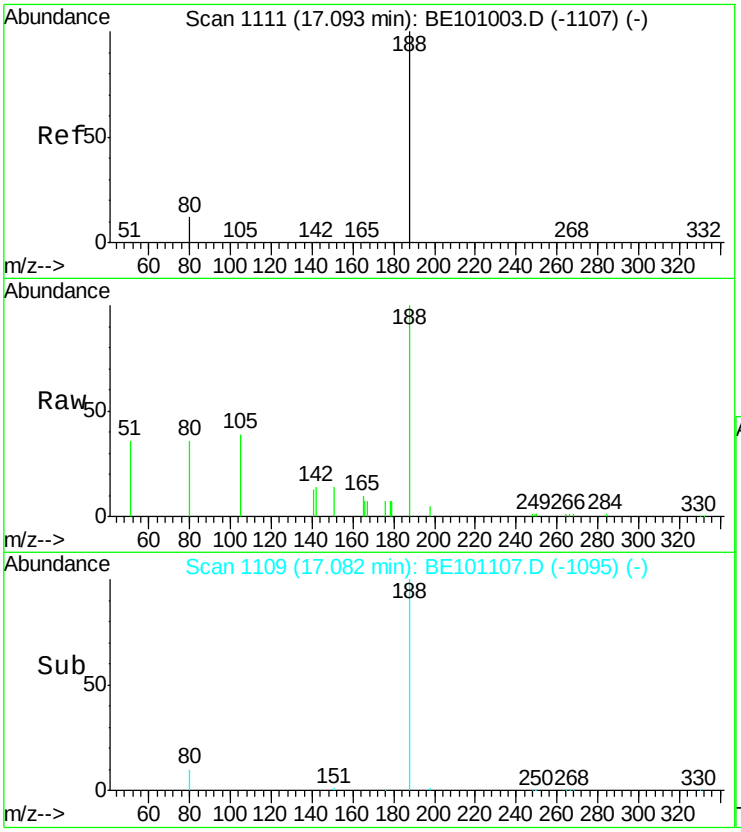


#18
Fluorene
Concen: 2.802 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:166 Resp: 174595

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.7	11.0	16.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:188 Resp: 21043

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	35.6	10.8	16.2#

Instrument :
BNA_E
ClientSampleId :
SB-MW-16

Manual Integrations APPROVED
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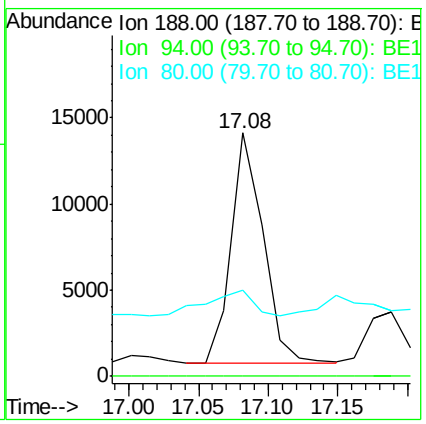
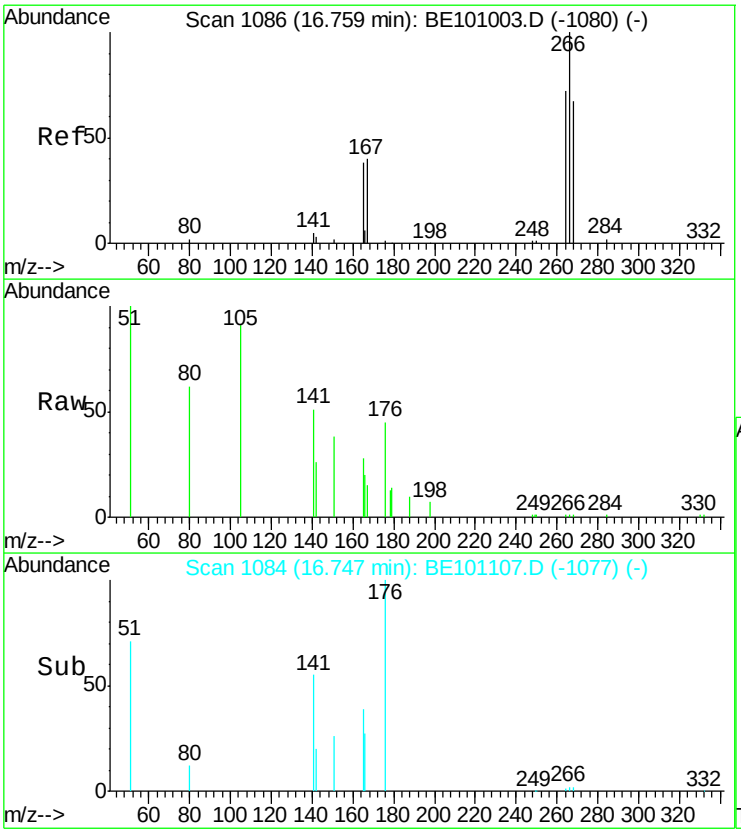
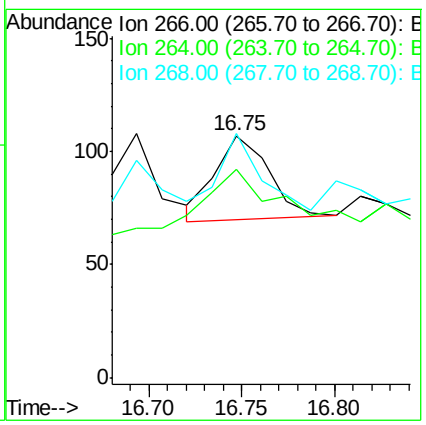


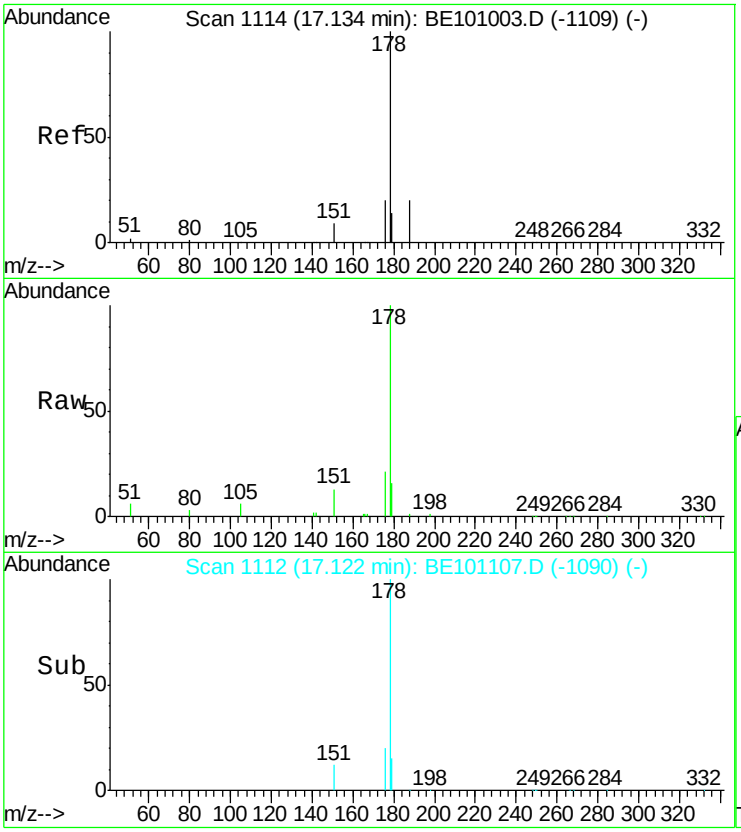


#22
Pentachlorophenol
Concen: 0.269 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:266 Resp: 74

Ion	Ratio	Lower	Upper
266	100		
264	86.0	61.0	91.4
268	100.9	58.5	87.7#

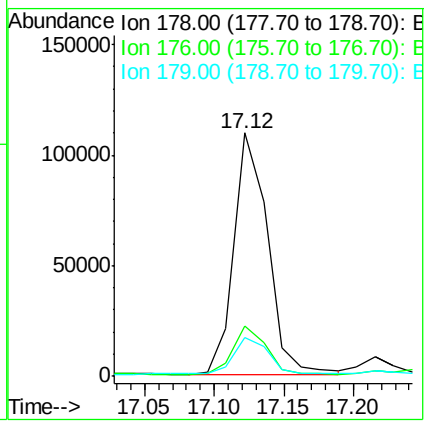




#23
Phenanthrene
Concen: 3.164 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:178 Resp: 181814

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	16.6	12.0	18.0



Instrument :
BNA_E
ClientSampleId :
SB-MW-16

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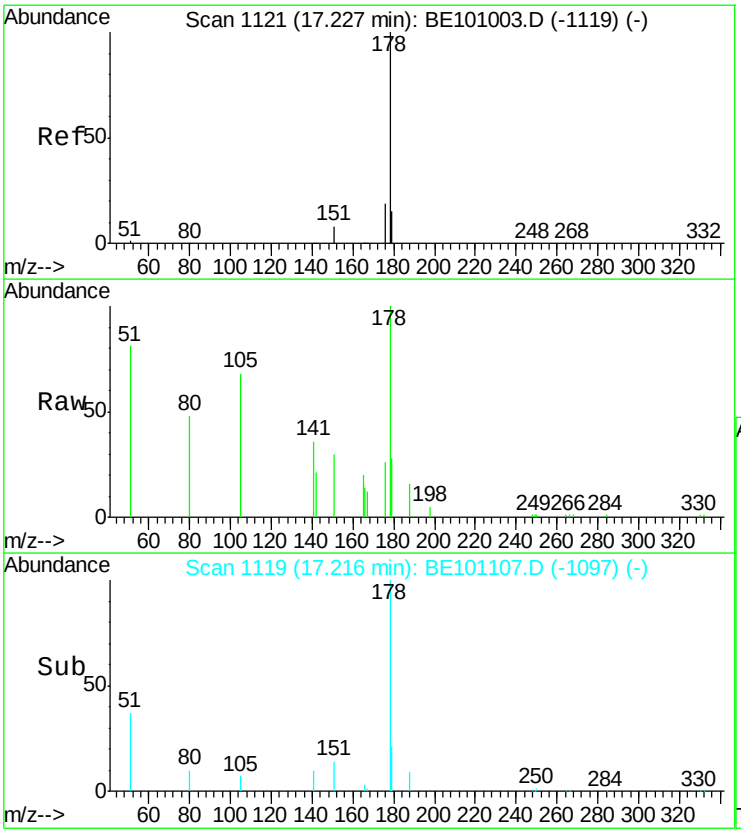
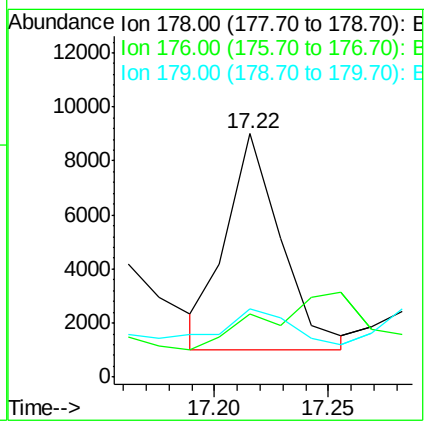
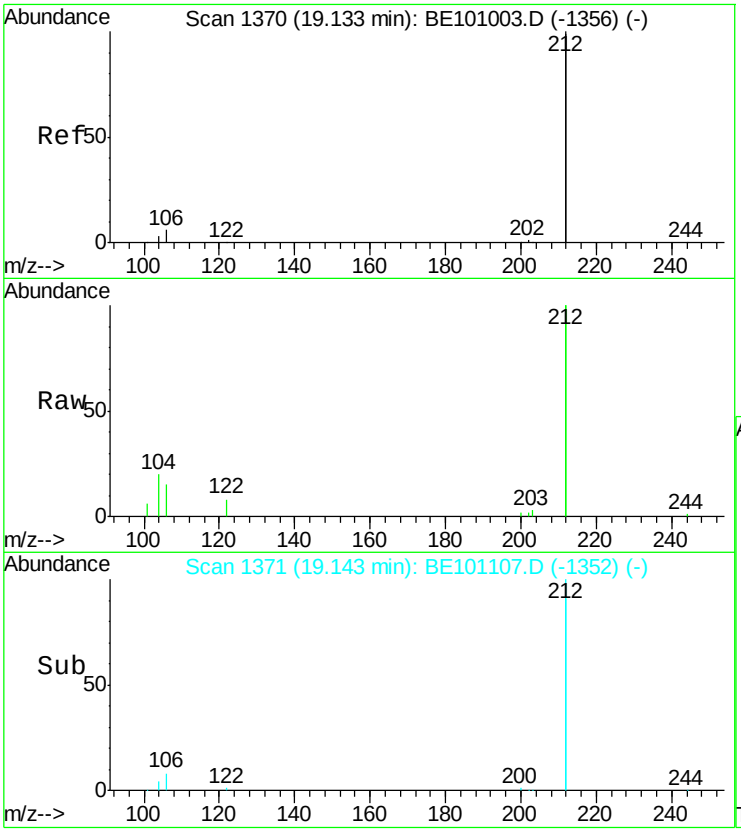


#24
Anthracene
Concen: 0.249 ng m
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:178 Resp: 13485

Ion	Ratio	Lower	Upper
178	100		
176	260.7	14.8	22.2#
179	223.3	12.4	18.6#





#25
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:212 Resp: 131237

Ion	Ratio	Lower	Upper
212	100		
106	5.8	2.6	3.8#
104	3.6	1.4	2.0#

Instrument :
BNA_E
ClientSampleId :
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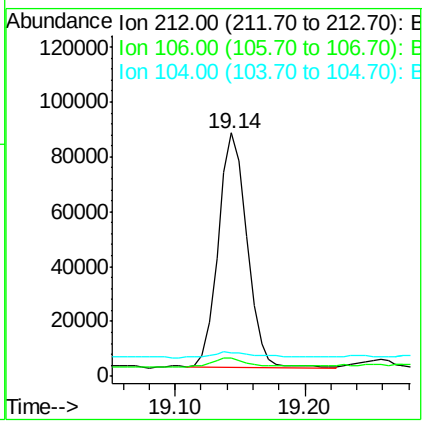
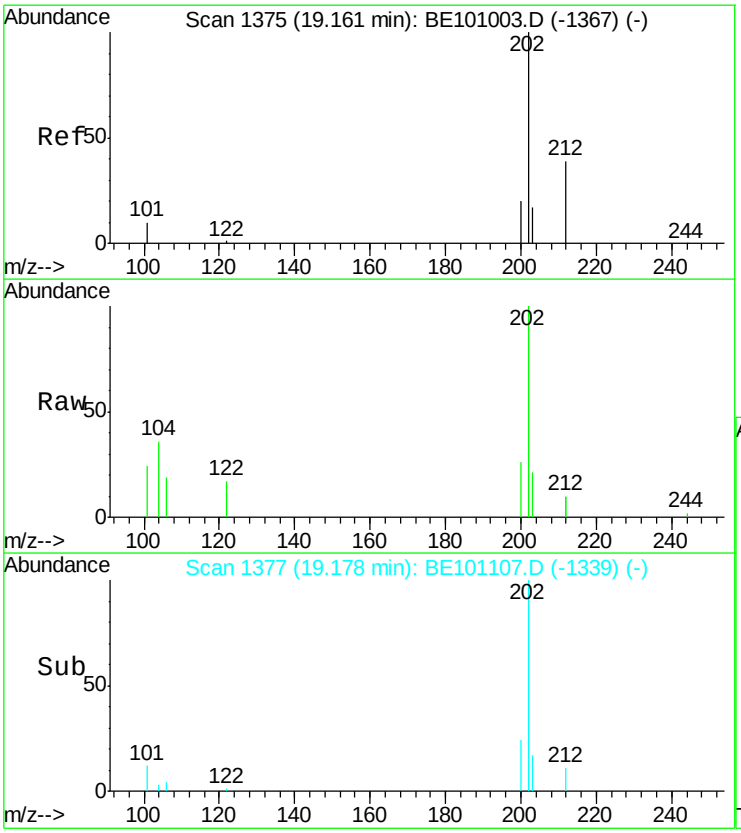
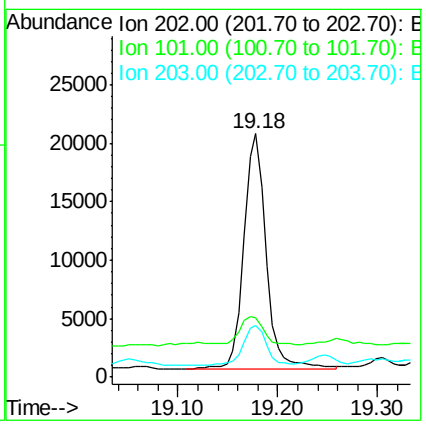


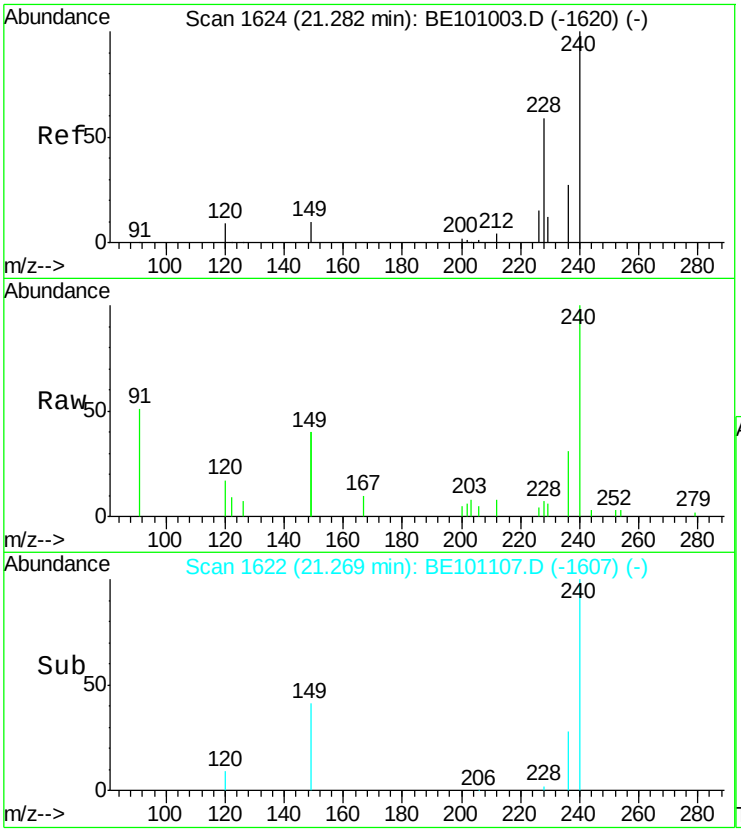


#26
Fluoranthene
Concen: 0.440 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:202 Resp: 31637

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
203	18.1	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: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:240 Resp: 24060

Ion	Ratio	Lower	Upper
240	100		
120	17.1	8.6	13.0#
236	30.6	22.2	33.4

Instrument :
BNA_E
ClientSampleId :
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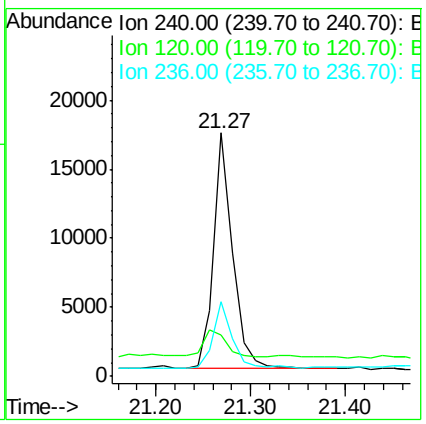
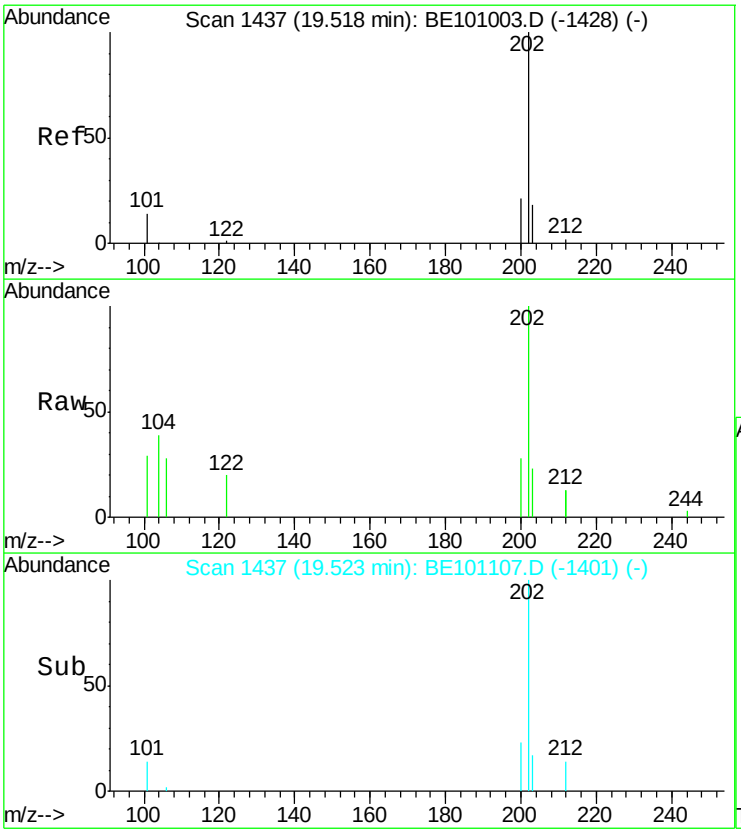
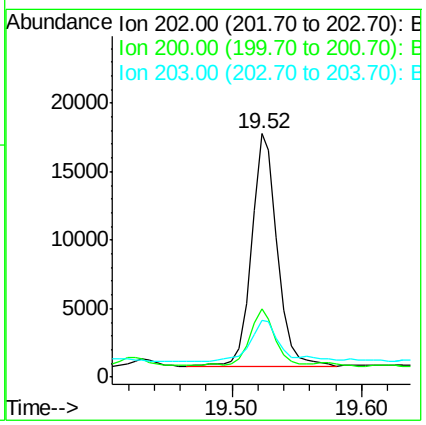


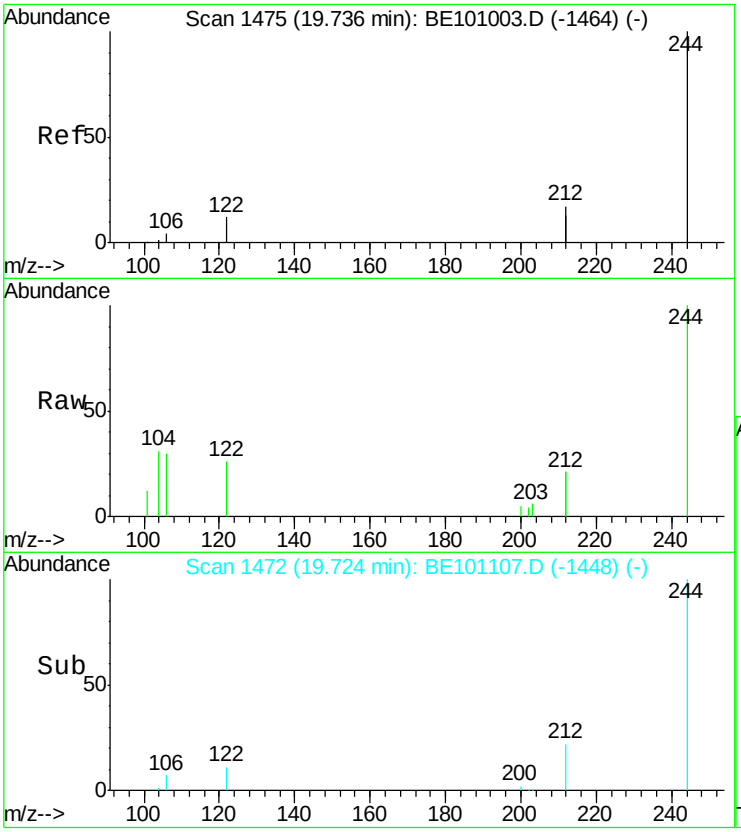


#28
Pyrene
Concen: 0.260 ng
RT: 19.52 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:202 Resp: 23270

Ion	Ratio	Lower	Upper
202	100		
200	24.2	17.0	25.4
203	21.9	13.8	20.6#





#29
Terphenyl-d14
Concen: 0.481 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:244 Resp: 28422

Ion	Ratio	Lower	Upper
244	100		
212	42.5	27.2	40.8#
122	25.8	9.8	14.8#

Instrument :
BNA_E
ClientSampleId :
SB-MW-16

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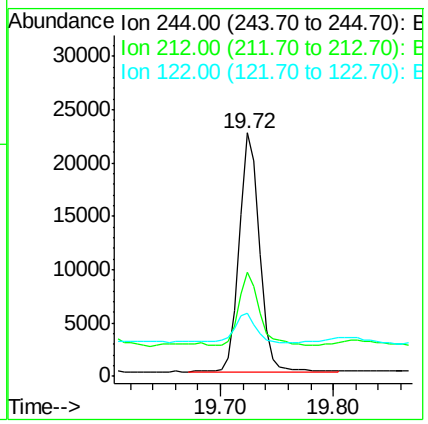
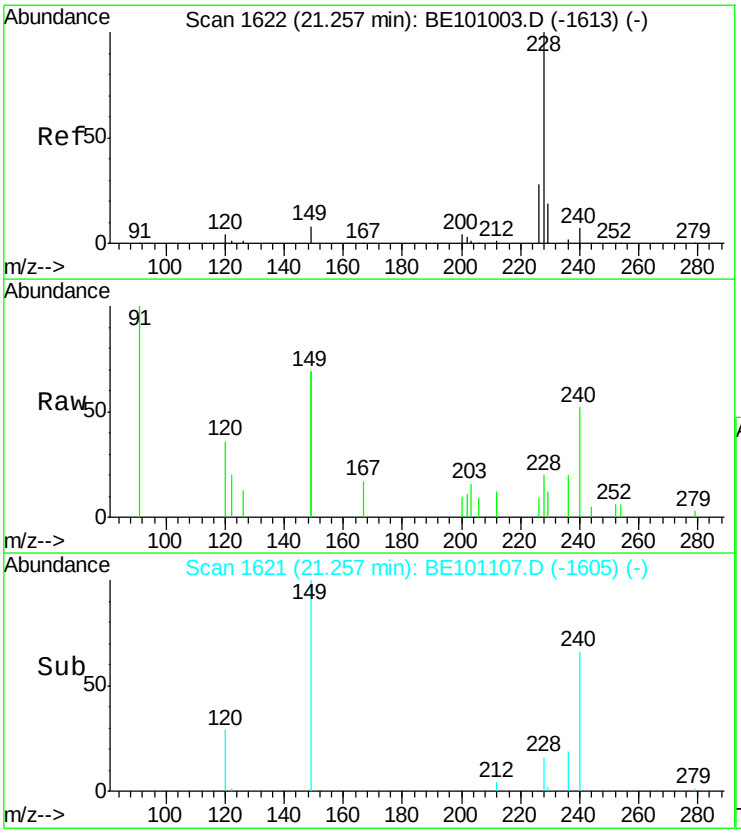
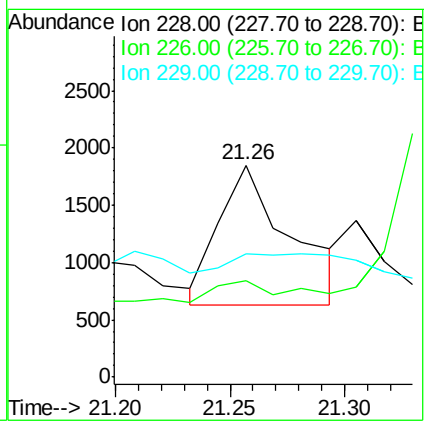


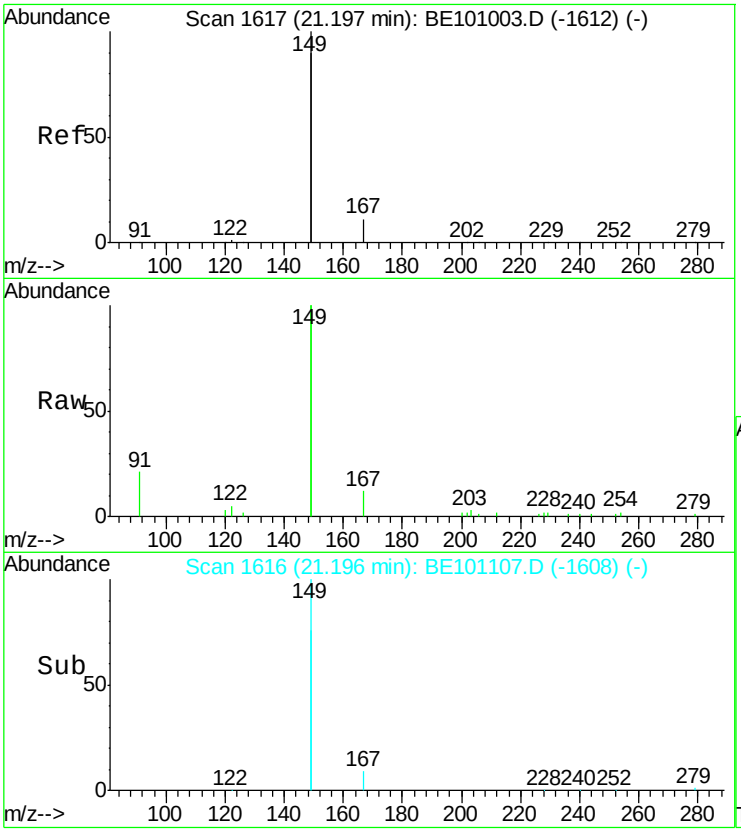


#30
Benzo(a)anthracene
Concen: 0.039 ng m
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:228 Resp: 2667

Ion	Ratio	Lower	Upper
228	100		
226	45.5	22.7	34.1#
229	58.1	15.5	23.3#





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.952 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:149 Resp: 108967

Ion	Ratio	Lower	Upper
149	100		
167	5.0	5.2	7.8#
279	0.7	0.8	1.2#

Instrument :
BNA_E
ClientSampleId :
SB-MW-16

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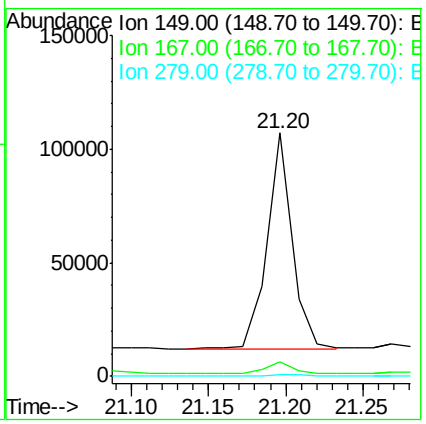

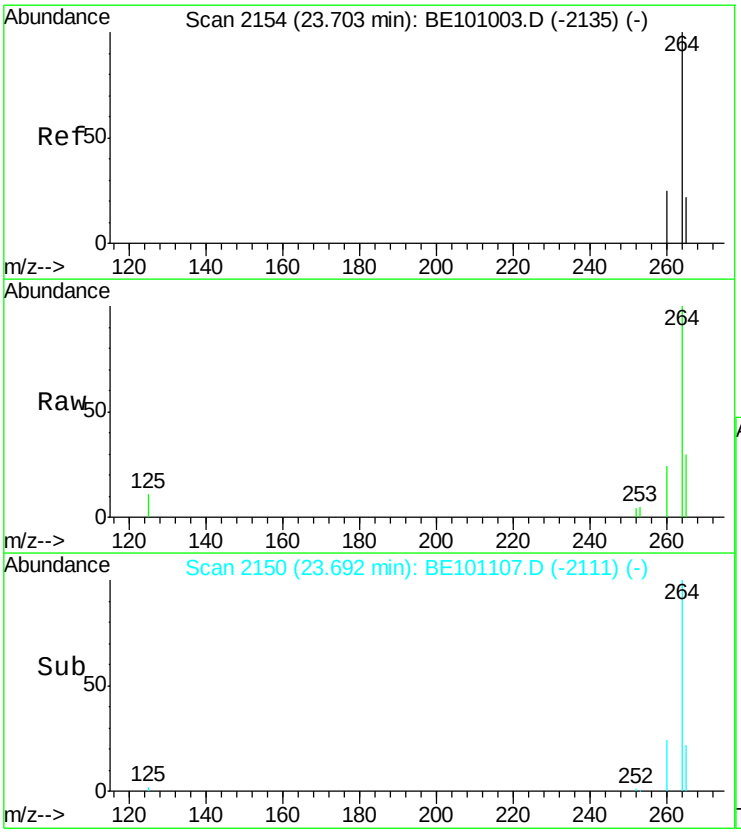

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101107.D
Acq: 21 Jan 2020 11:40

Tgt Ion:264 Resp: 20097

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	29.5	27.0	40.4