Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100096.D
Acq On : 19 Jun 2019 23:28
Operator : JU/SJ
Sample : K3309-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF016MW001-190610

Manual Integrations APPROVED
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Quant Time: Jun 20 07:46:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	844	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2998	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	2425	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	7769	0.40	ng	0.00
27) Chrysene-d12	21.34	240	10724	0.40	ng	0.00
34) Perylene-d12	23.84	264	12369	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	311	0.18	ng	0.00
5) Phenol-d6	6.89	99	265	0.11	ng	-0.03
8) Nitrobenzene-d5	8.90	82	1065	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1527	0.27	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	647	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3146	0.33	ng	-0.01
25) Fluoranthene-d10	19.20	212	31267	0.28	ng	0.00
29) Terphenyl-d14	19.79	244	8311	0.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	193	0.143	ng	# 41
9) Naphthalene	10.58	128	684	0.021	ng	# 77
22) Pentachlorophenol	16.81	266	82m	0.292	ng	
23) Phenanthrene	17.20	178	848	0.046	ng	# 86
26) Fluoranthene	19.22	202	698	0.023	ng	# 59
28) Pyrene	19.59	202	769	0.028	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.25	149	8881	0.295	ng	100

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

Quantitation Report (QT Reviewed)

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QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
LF016MW001-190610

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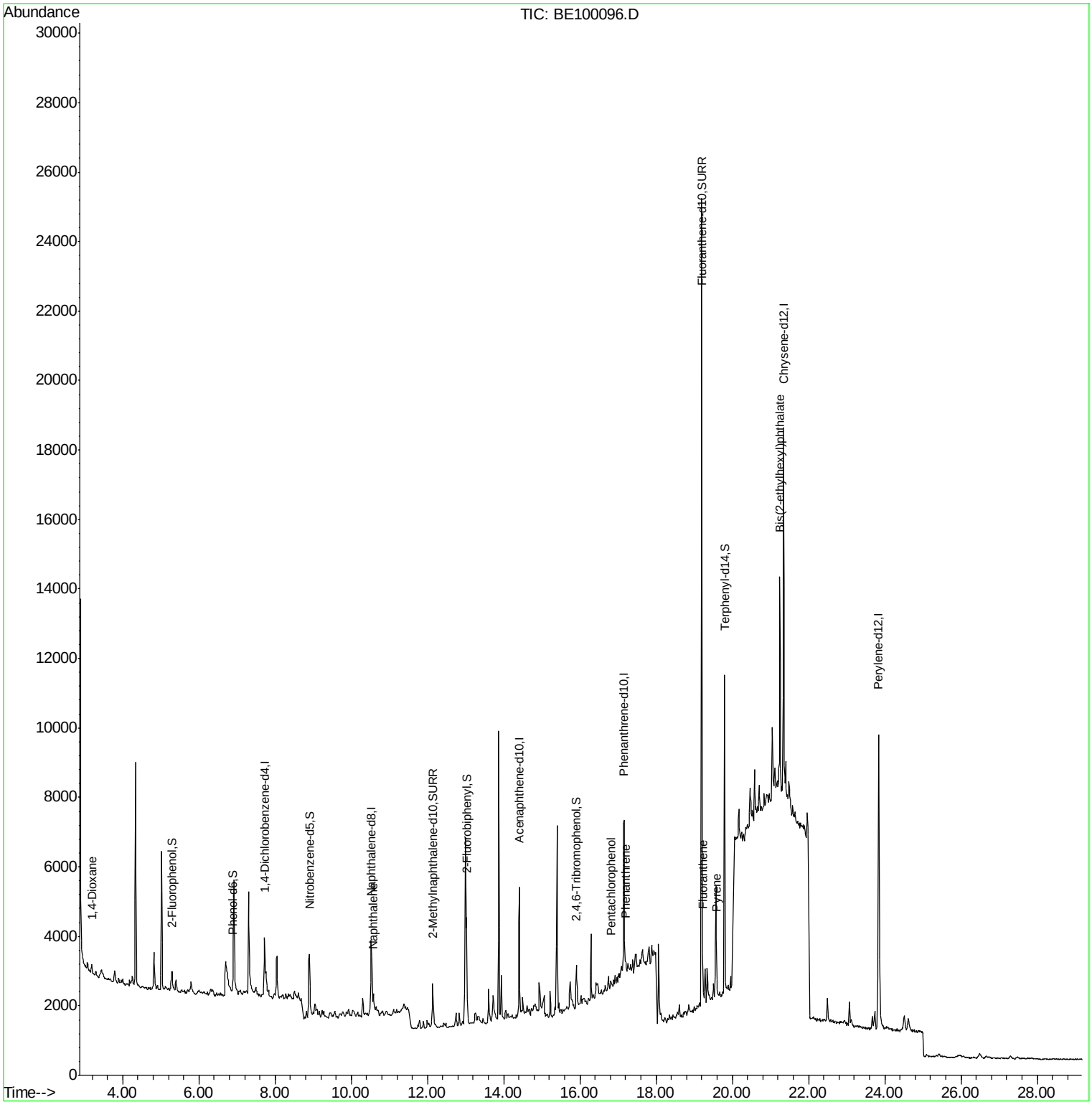
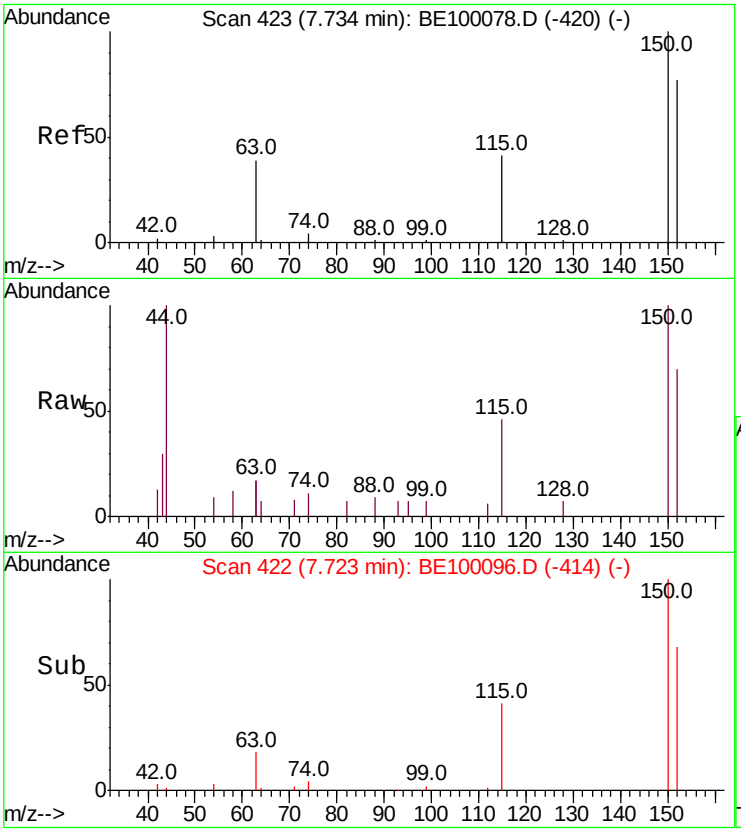
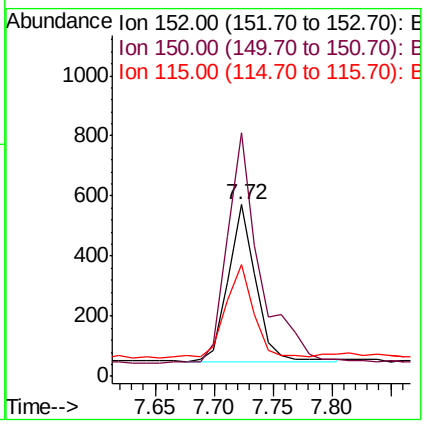




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:152 Resp: 844

Ion	Ratio	Lower	Upper
152	100		
150	141.9	99.8	149.8
115	65.1	51.3	76.9



Instrument :
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ClientSampleId :
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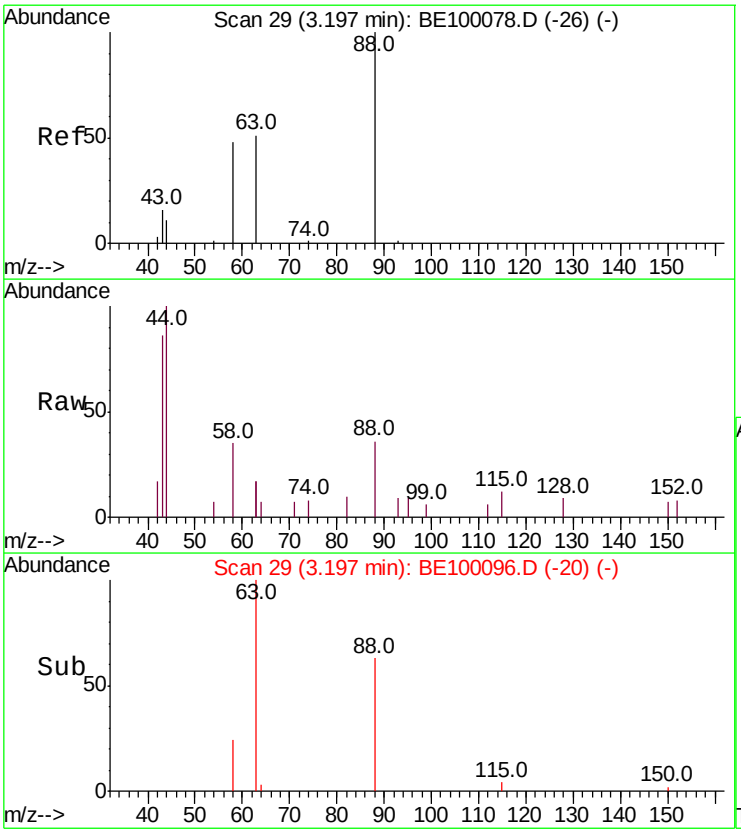
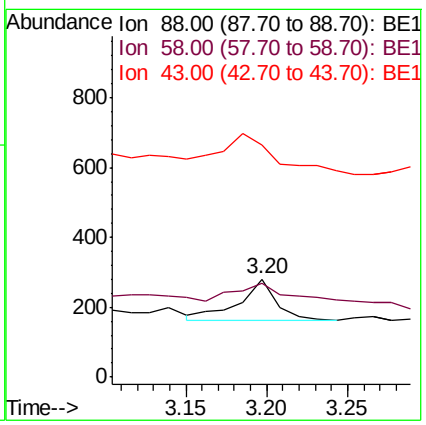
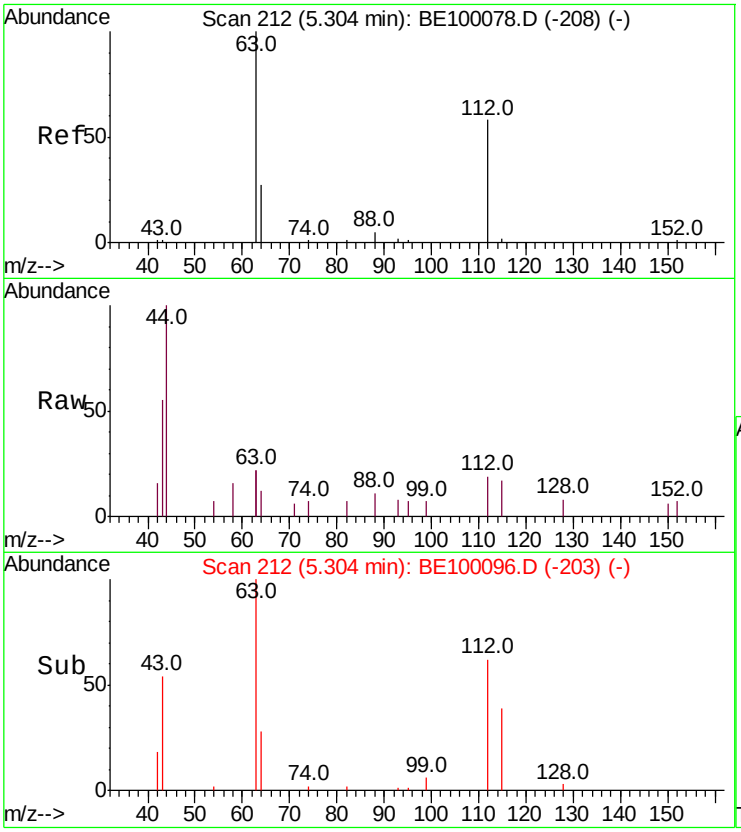


#2
1,4-Dioxane
Concen: 0.143 ng
RT: 3.20 min Scan# 29
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion: 88 Resp: 193

Ion	Ratio	Lower	Upper
88	100		
58	55.4	51.1	76.7
43	116.6	21.7	32.5#





#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.30 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:112 Resp: 311

Ion	Ratio	Lower	Upper
112	100		
64	56.3	22.0	33.0#
63	118.6	121.8	182.6#

Instrument :
BNA_E
ClientSampleId :
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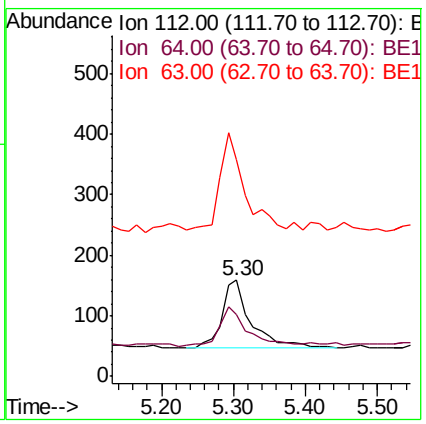
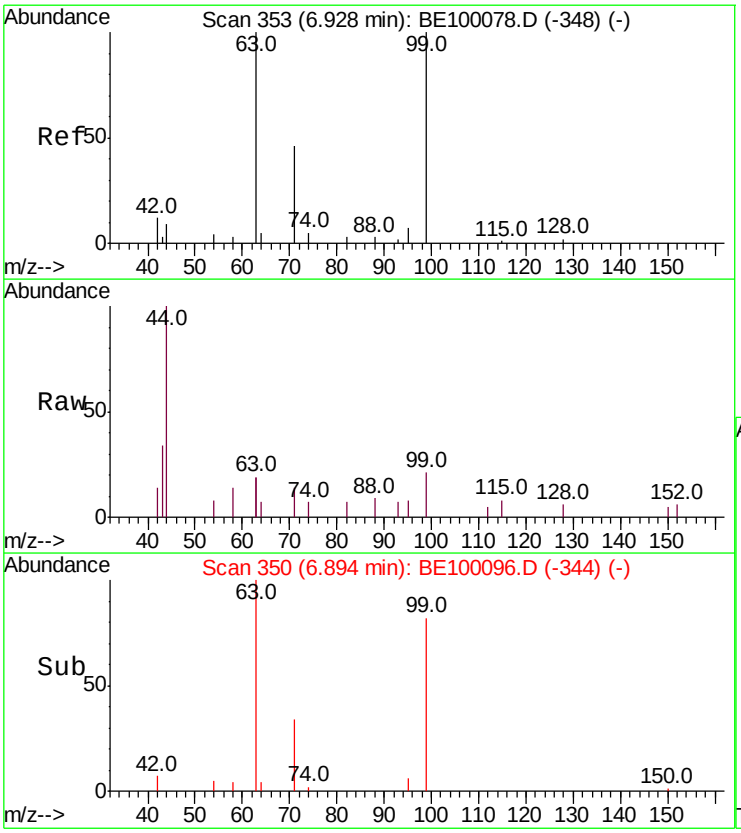
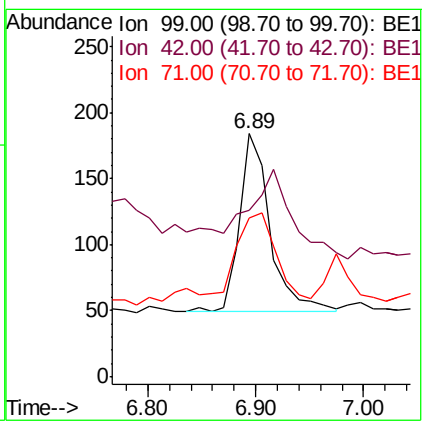


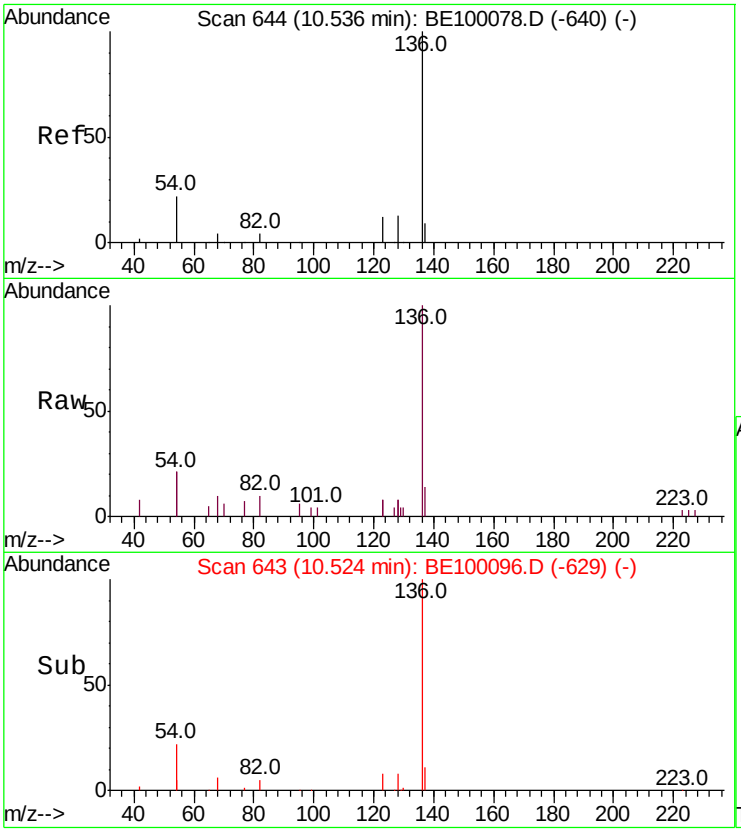


#5
Phenol-d6
Concen: 0.110 ng
RT: 6.89 min Scan# 350
Delta R.T. -0.03 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion: 99 Resp: 265

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	60.4	37.6	56.4#

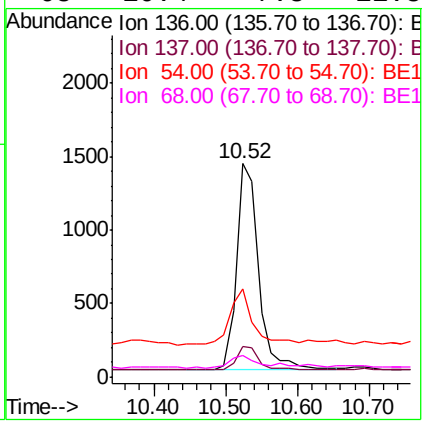




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:136 Resp: 2998

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.6	17.4
54	41.6	33.9	50.9
68	10.4	7.8	11.8



Instrument :
BNA_E
ClientSampleId :
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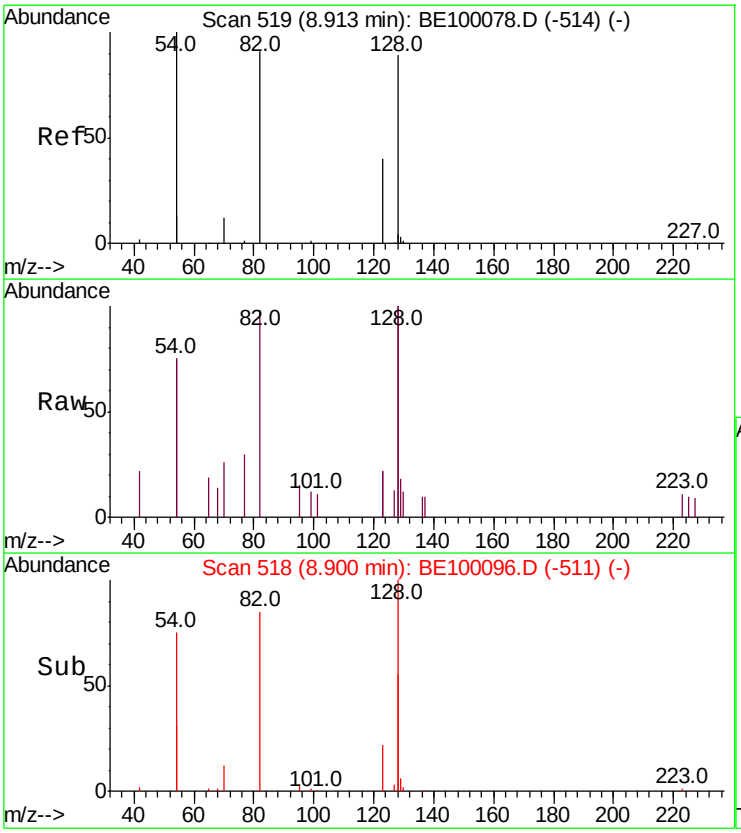
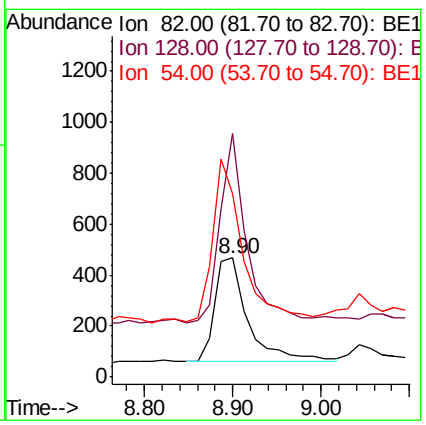
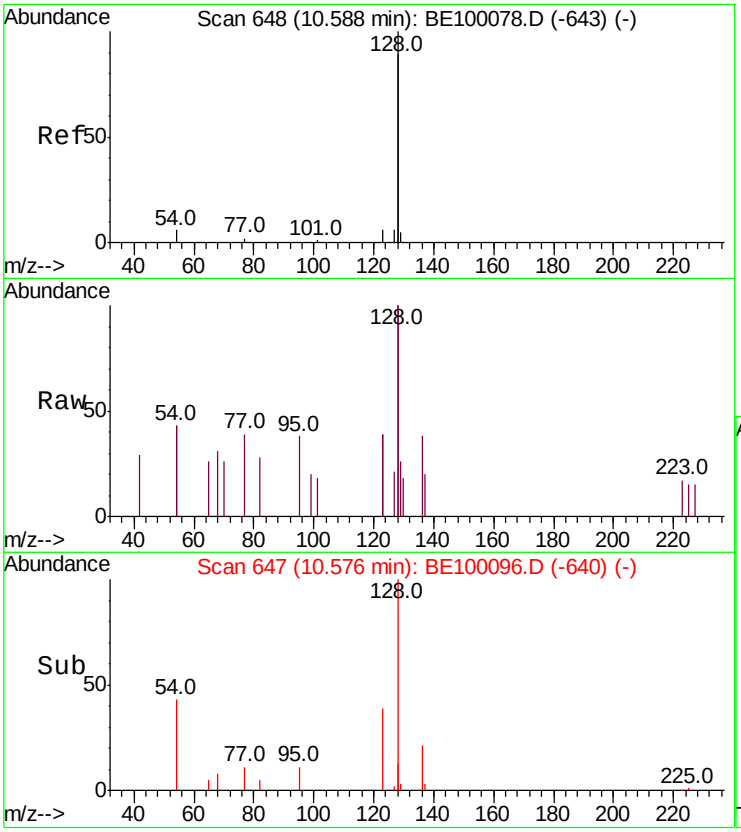


#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion: 82 Resp: 1065

Ion	Ratio	Lower	Upper
82	100		
128	204.7	128.0	192.0#
54	154.2	143.4	215.0





#9
Naphthalene
Concen: 0.021 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:128 Resp: 684

Ion	Ratio	Lower	Upper
128	100		
129	12.8	3.1	4.7#
127	10.7	3.4	5.2#

Instrument :
BNA_E
ClientSampleId :
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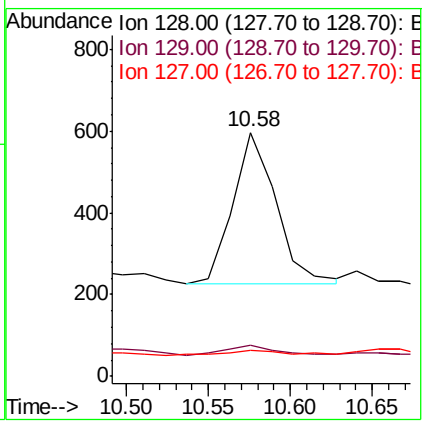
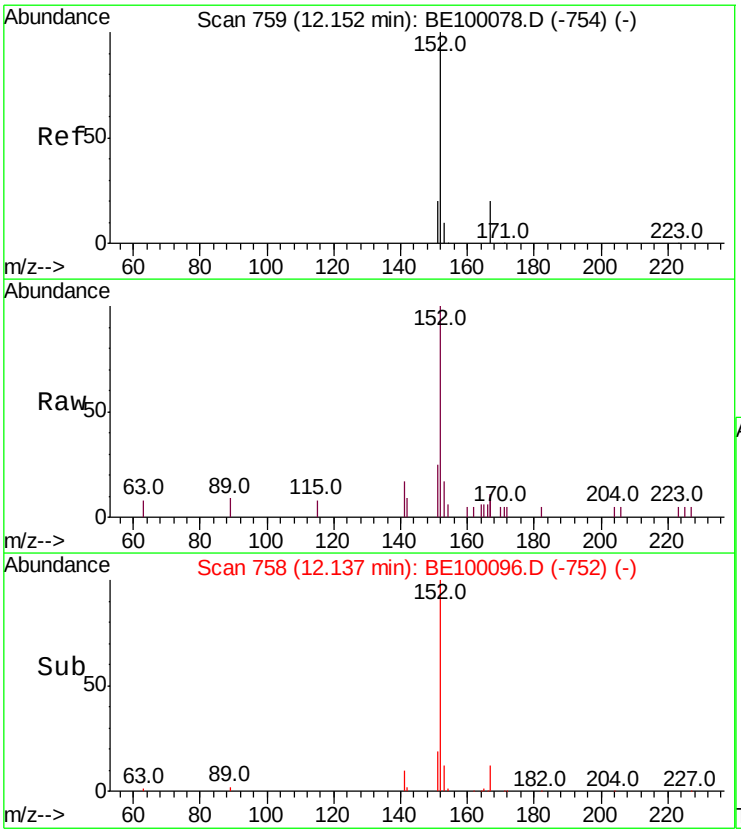
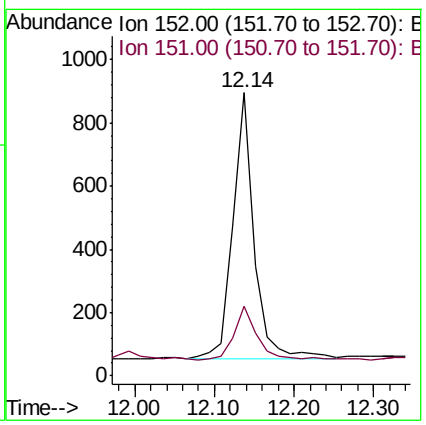


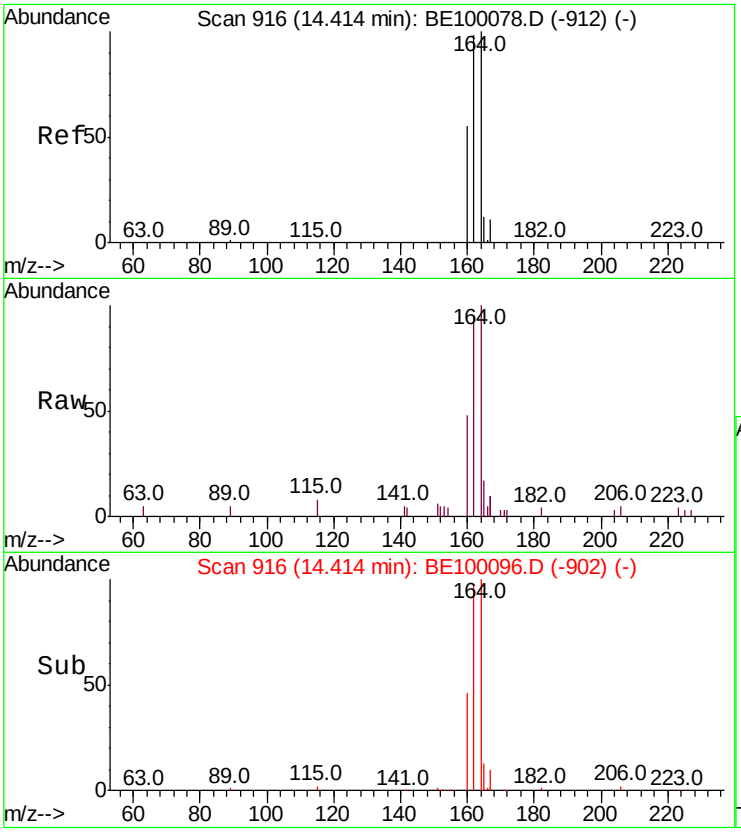


#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:152 Resp: 1527

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.3	24.5

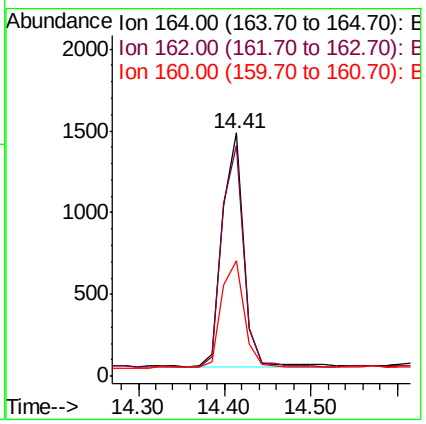




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:164 Resp: 2425

Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.2	117.2
160	47.6	45.6	68.4



Instrument :
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ClientSampleId :
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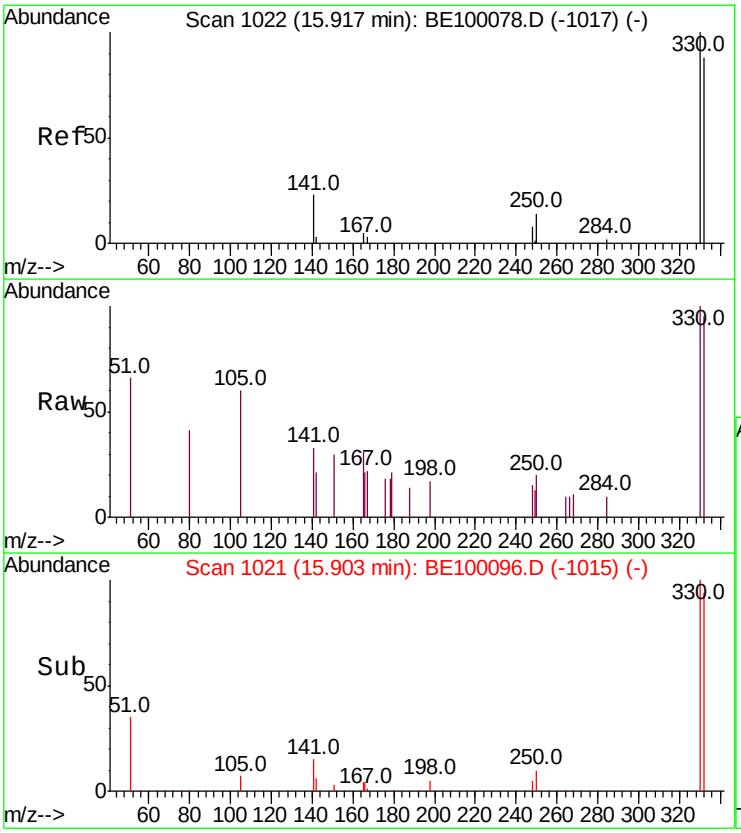
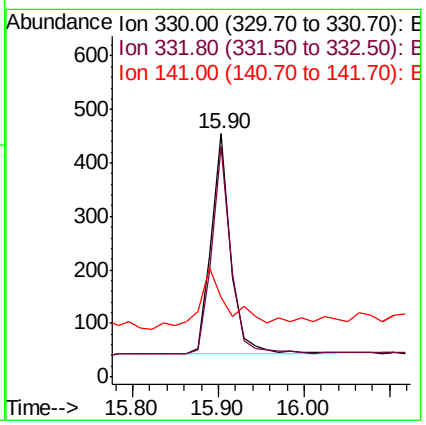
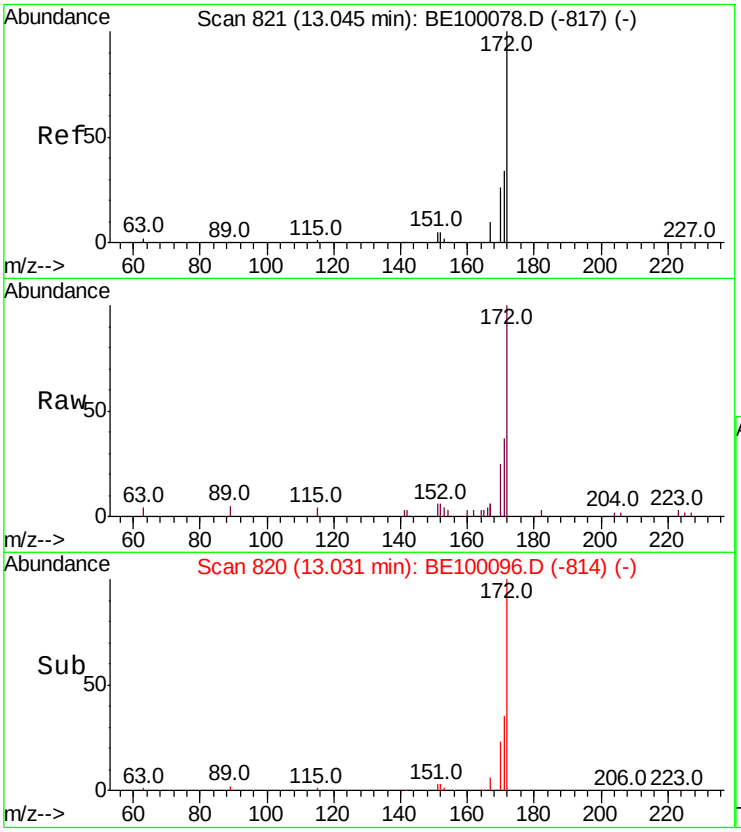


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:330 Resp: 647

Ion	Ratio	Lower	Upper
330	100		
332	93.7	73.3	109.9
141	34.5	22.2	33.2#





#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:172 Resp: 3146

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	25.1	23.2	34.8

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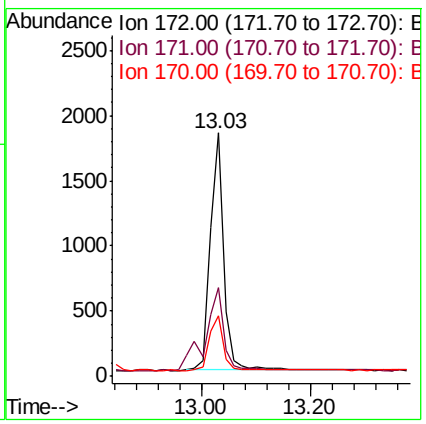
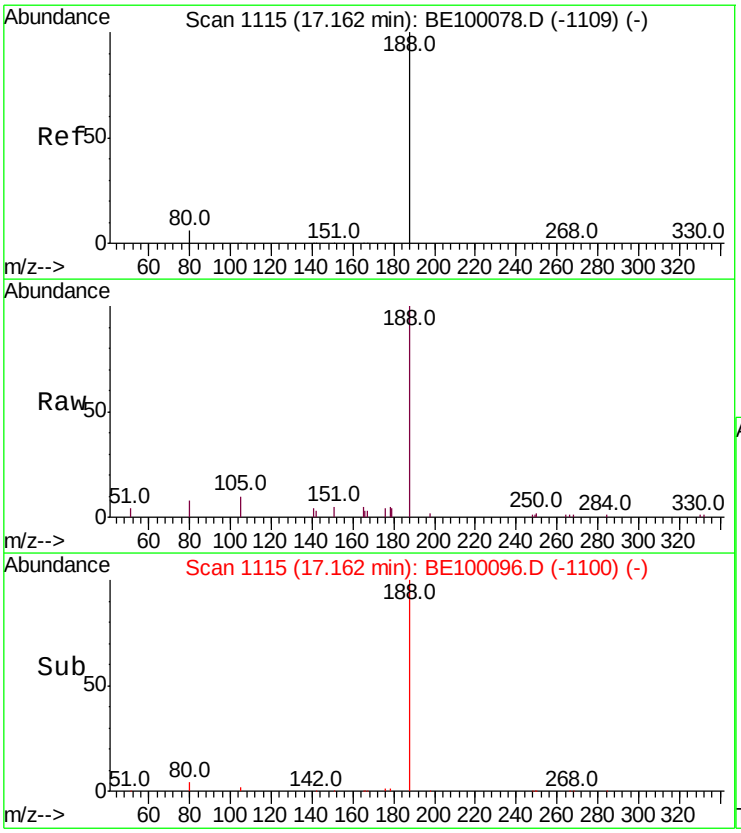
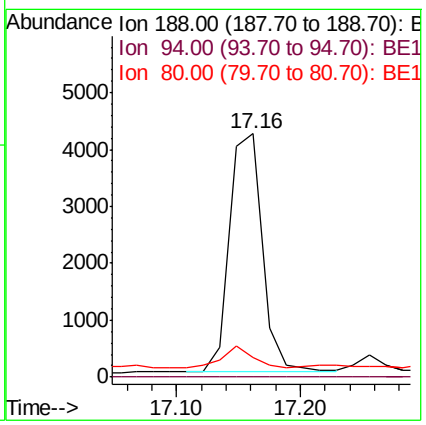


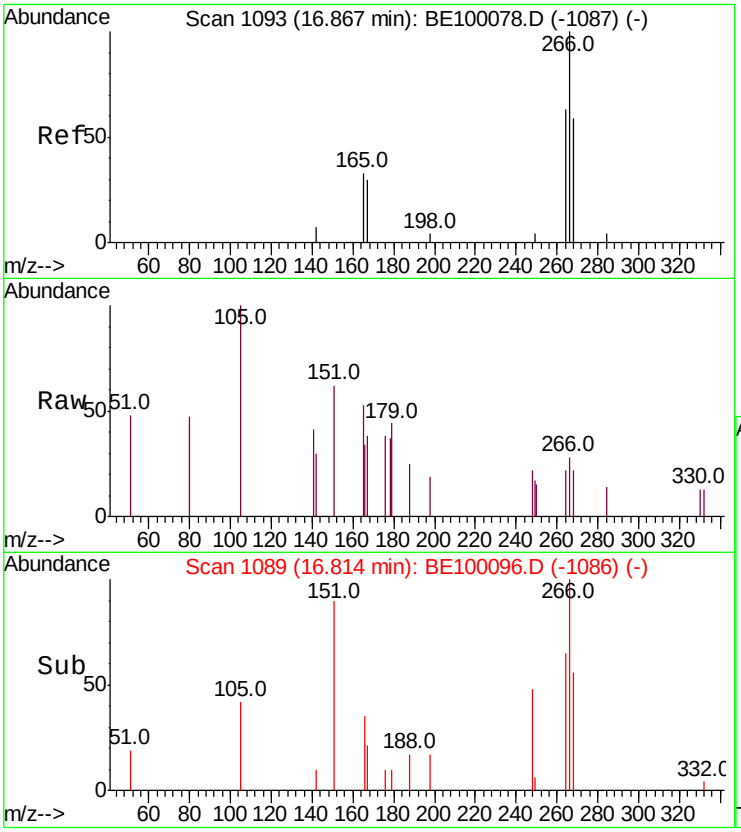


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:188 Resp: 7769

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5





#22
Pentachlorophenol
Concen: 0.292 ng m
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:266 Resp: 82

Ion	Ratio	Lower	Upper
266	100		
264	81.3	67.8	101.6
268	80.2	70.0	105.0

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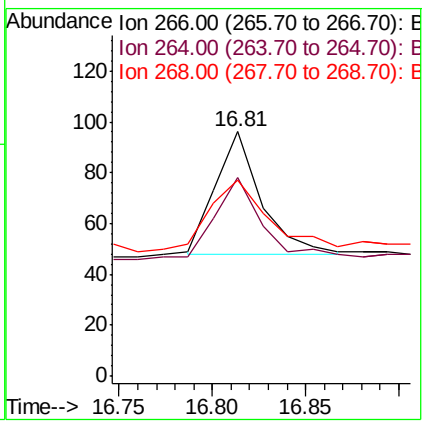
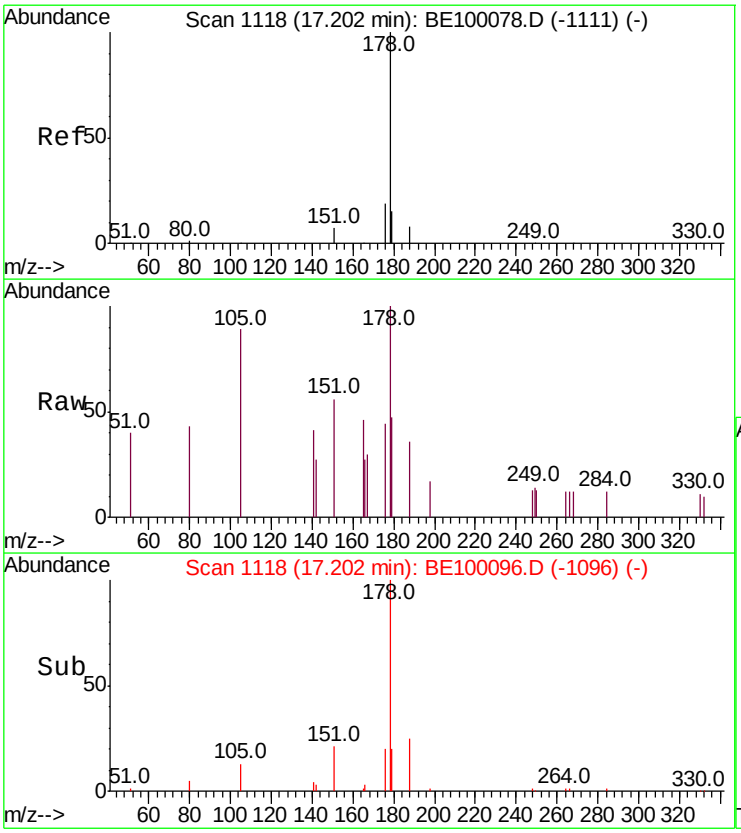
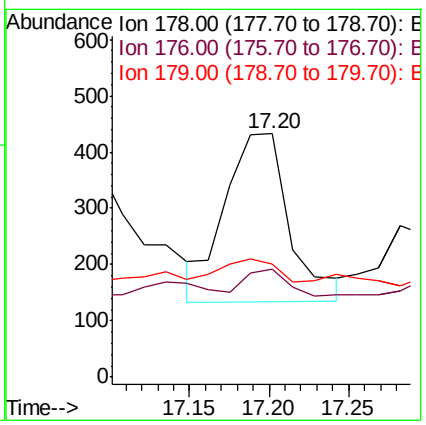


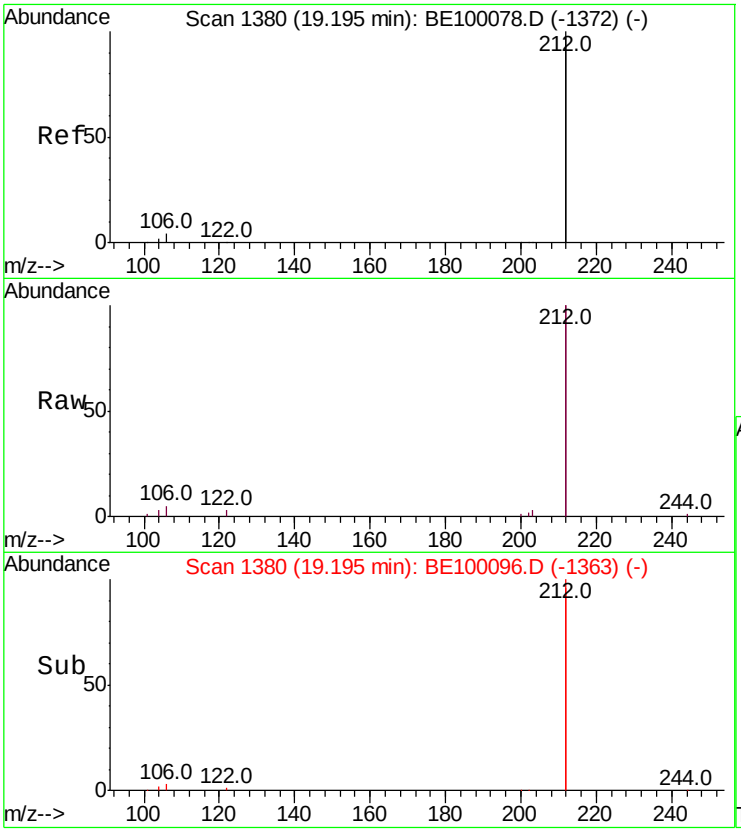


#23
Phenanthrene
Concen: 0.046 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:178 Resp: 848

Ion	Ratio	Lower	Upper
178	100		
176	13.0	15.9	23.9#
179	10.7	13.1	19.7#

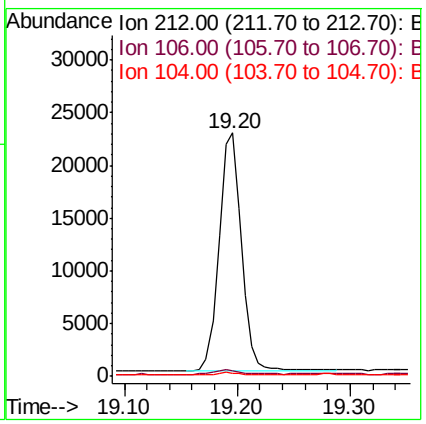




#25
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:212 Resp: 31267

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.0
104	1.1	0.8	1.2



Instrument :
BNA_E
ClientSampleId :
LF016MW001-190610

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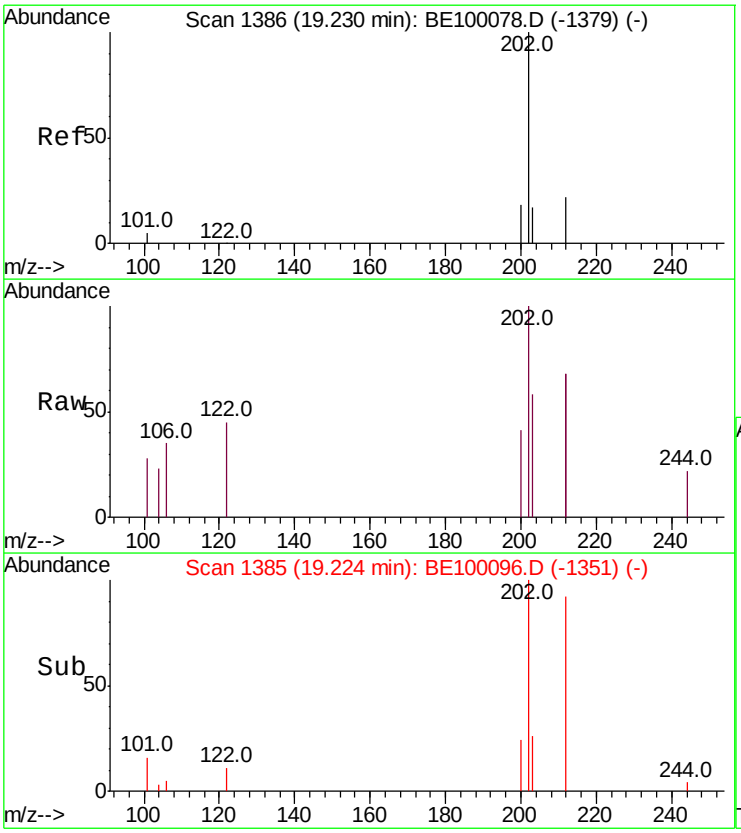
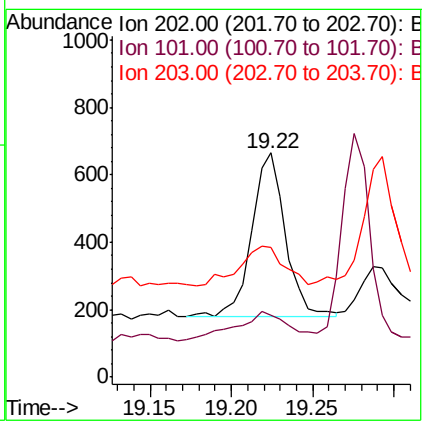
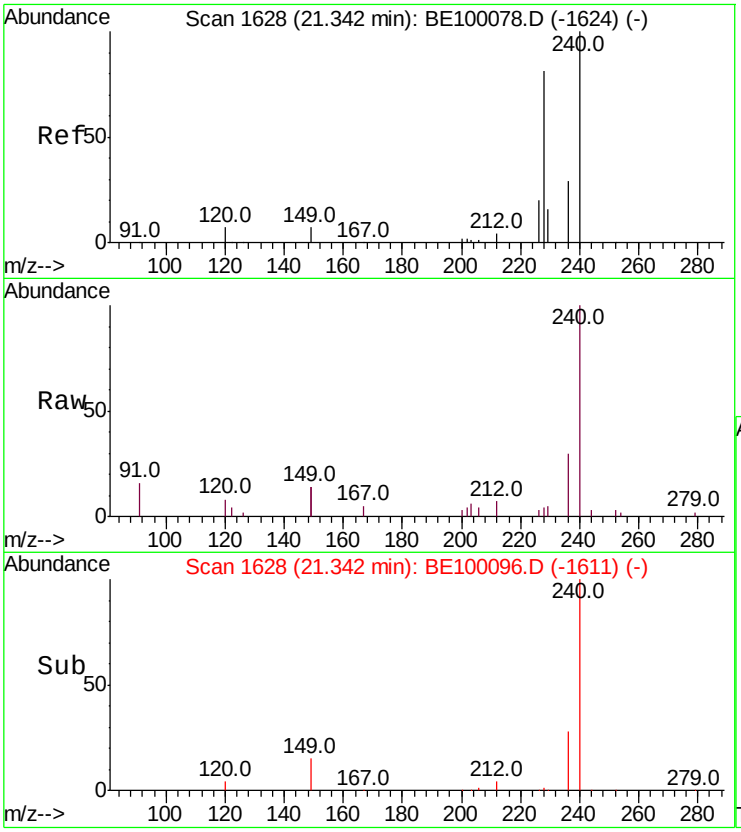


#26
Fluoranthene
Concen: 0.023 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:202 Resp: 698

Ion	Ratio	Lower	Upper
202	100		
101	27.9	5.0	7.4#
203	31.2	13.7	20.5#





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:240 Resp: 10724

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	29.9	23.8	35.6

Instrument :
BNA_E
ClientSampleId :
LF016MW001-190610

Manual Integrations APPROVED
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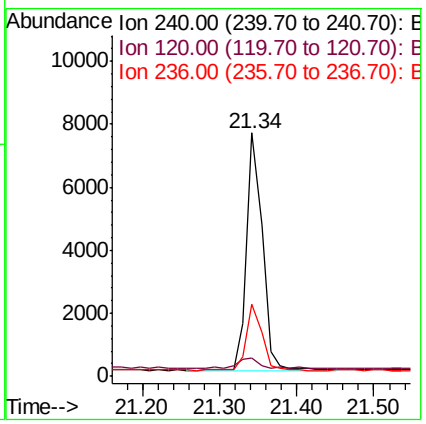
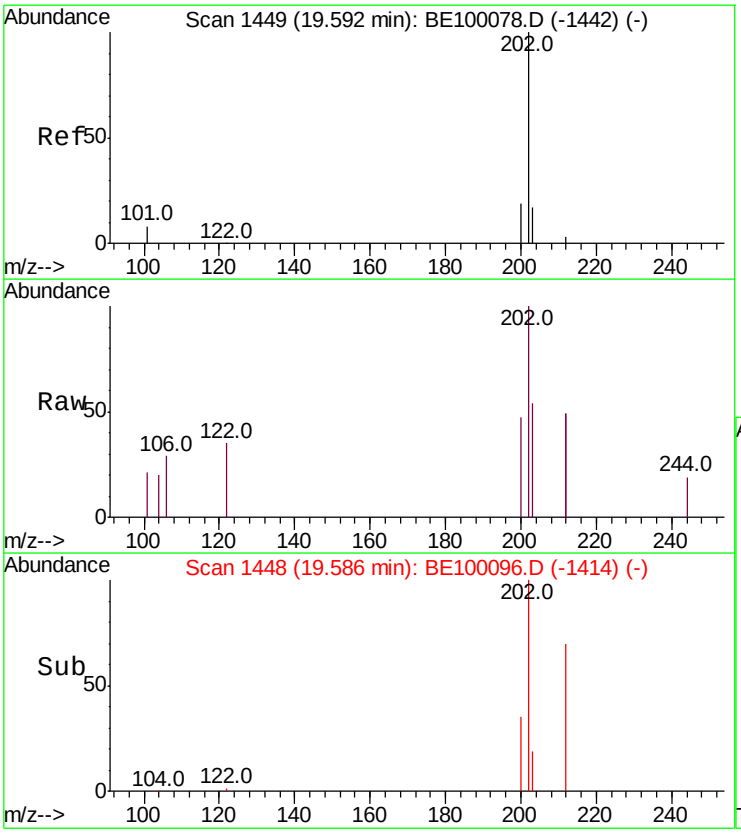
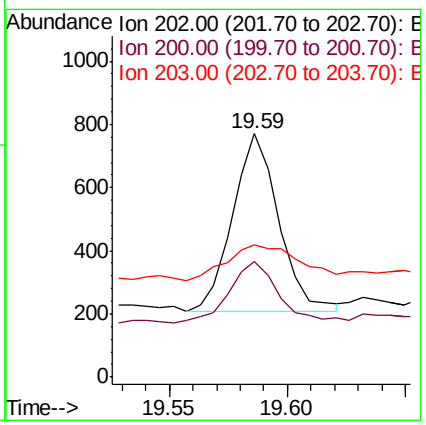


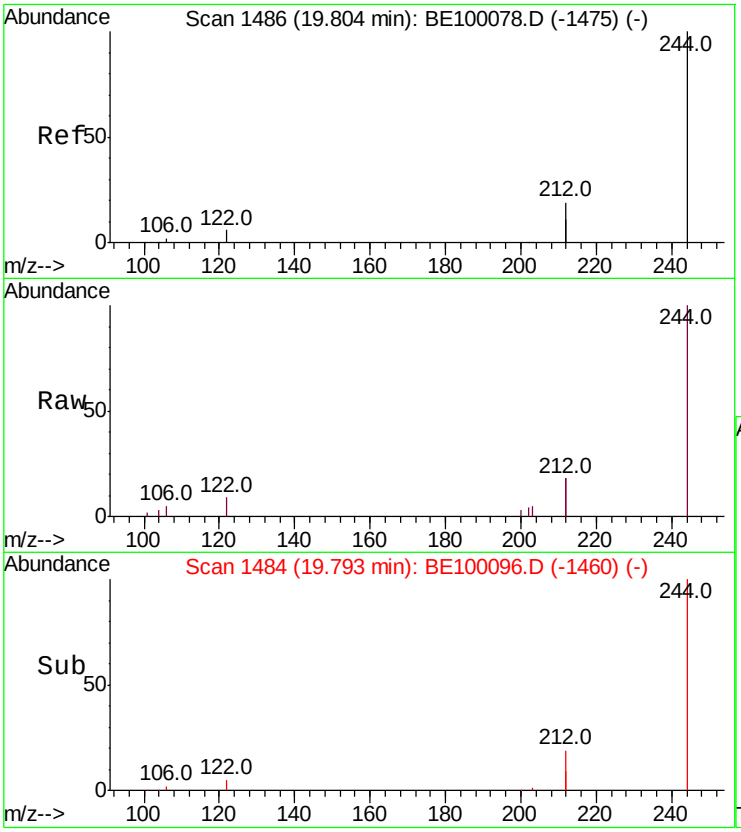


#28
Pyrene
Concen: 0.028 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:202 Resp: 769

Ion	Ratio	Lower	Upper
202	100		
200	36.0	15.6	23.4#
203	33.8	13.9	20.9#





#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:244 Resp: 8311

Ion	Ratio	Lower	Upper
244	100		
212	36.4	29.8	44.8
122	8.7	6.1	9.1

Instrument :
BNA_E
ClientSampleId :
LF016MW001-190610

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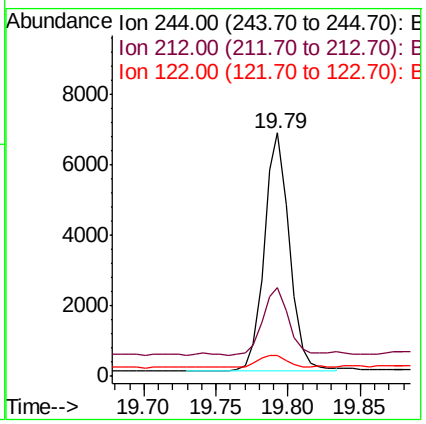
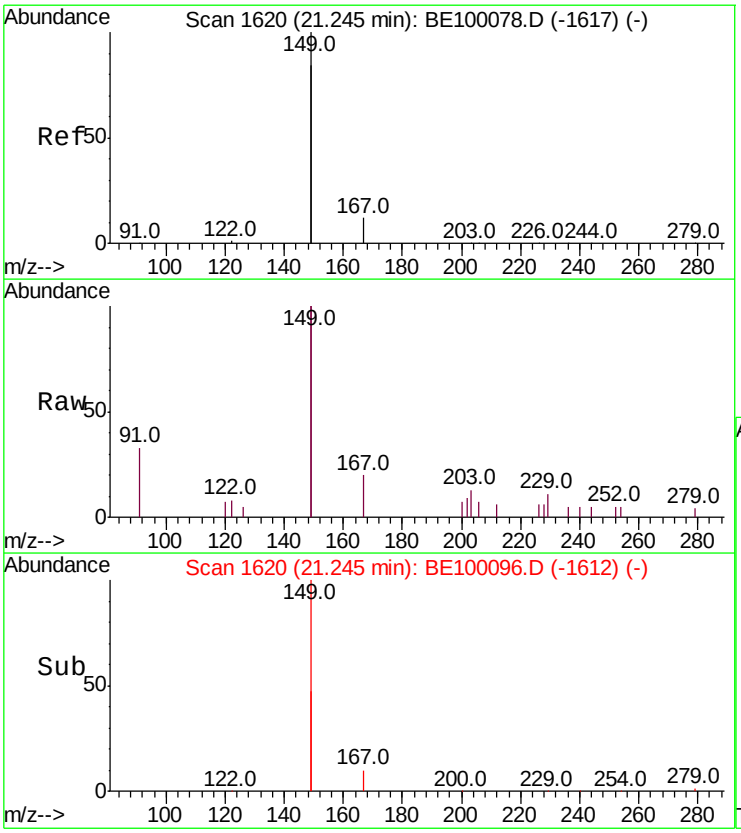
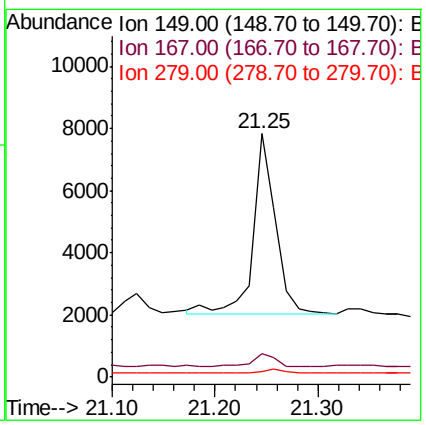


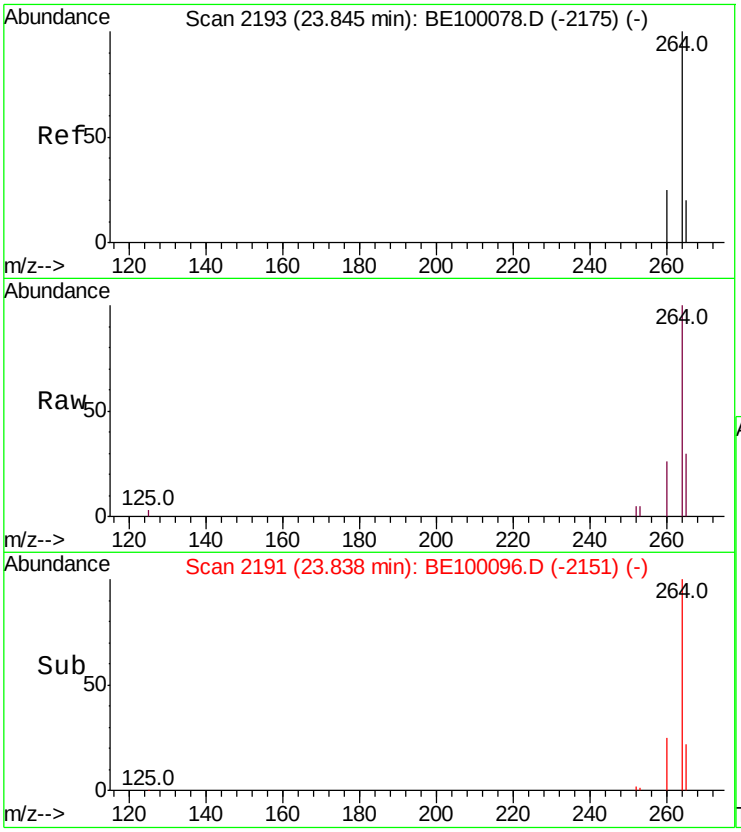


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.295 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:149 Resp: 8881

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.8	8.6
279	1.3	1.1	1.7

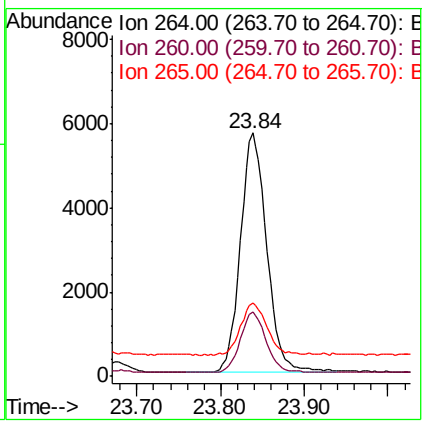




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100096.D
Acq: 19 Jun 2019 23:28

Tgt Ion:264 Resp: 12369

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.8	31.2
265	30.1	23.2	34.8



Instrument :
BNA_E
ClientSampleId :
LF016MW001-190610

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