Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
Data File : BE095733.D
Acq On : 12 Mar 2018 16:55
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C190137

Quant Time: Mar 13 16:52:42 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1558	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6152	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	4564	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7857	0.40	ng	0.00
27) Chrysene-d12	21.80	240	8051	0.40	ng	0.00
34) Perylene-d12	24.43	264	7573	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	676	0.16	ng	0.00
5) Phenol-d6	7.56	99	685	0.12	ng	0.00
8) Nitrobenzene-d5	9.61	82	2617	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3336	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	604	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6945	0.34	ng	0.00
25) Fluoranthene-d10	19.69	212	34045	0.33	ng	0.00
29) Terphenyl-d14	20.24	244	8461	0.53	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	11.31	128	21087	0.297	ng	# 77
12) 2-Methylnaphthalene	12.88	142	1703	0.139	ng	# 76
17) Acenaphthene	15.07	154	17860	1.109	ng	# 70
18) Fluorene	16.03	166	45705	2.289	ng	# 80
23) Phenanthrene	17.75	178	43194	1.759	ng	# 92
24) Anthracene	17.83	178	5232	0.232	ng	# 78
28) Pyrene	20.07	202	1095	0.033	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.66	149	19955	0.430	ng	98

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

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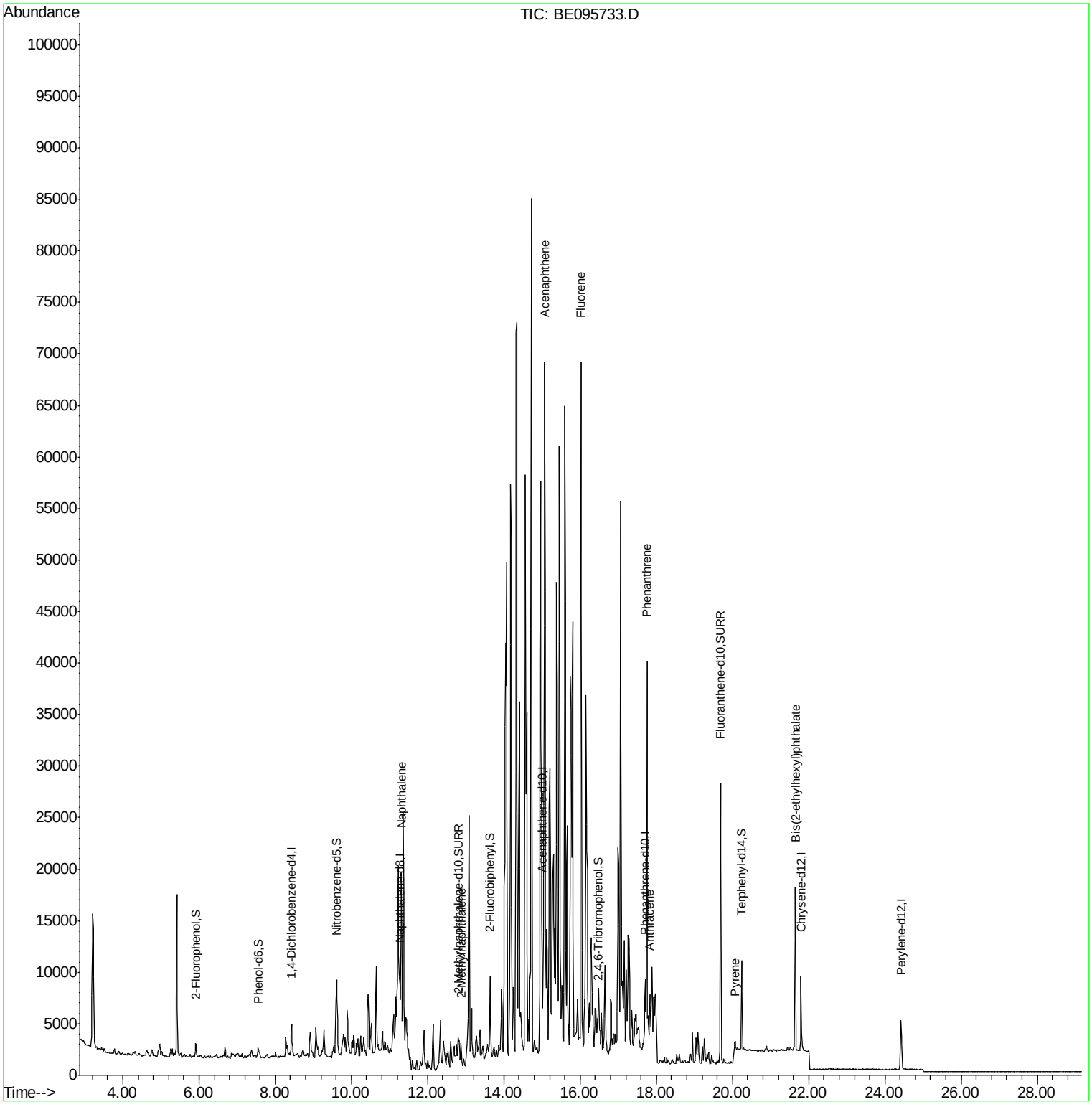
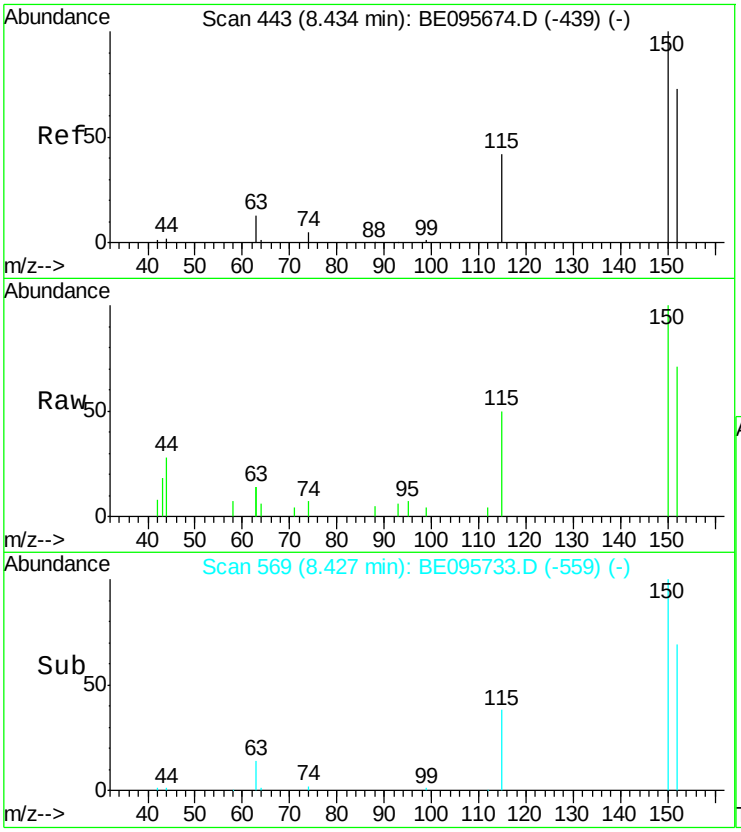


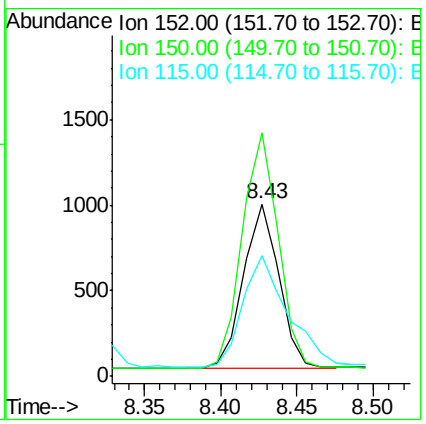


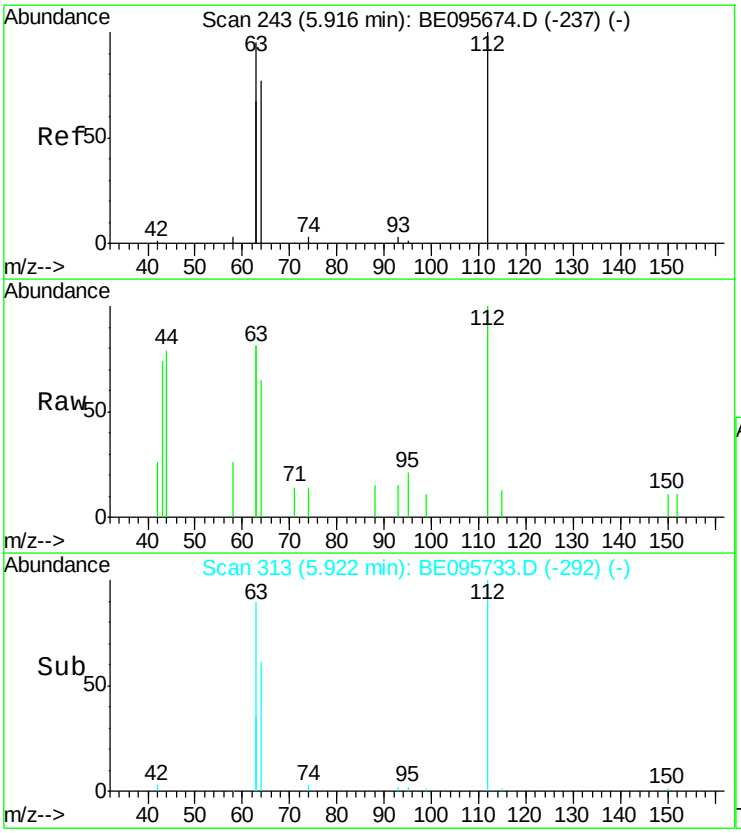
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:152 Resp: 1558

Ion	Ratio	Lower	Upper
152	100		
150	141.3	117.2	175.8
115	70.1	57.0	85.6

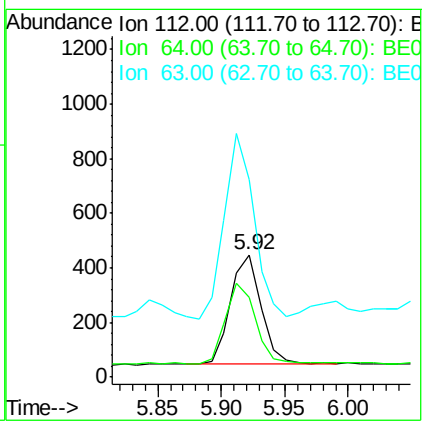


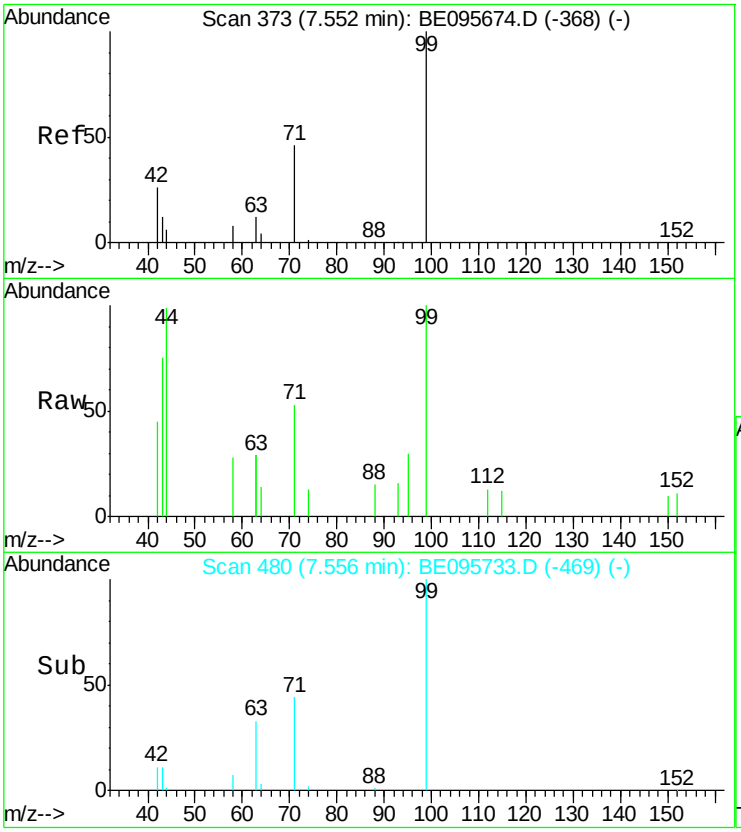


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:112 Resp: 676

Ion	Ratio	Lower	Upper
112	100		
64	74.1	60.1	90.1
63	161.7	116.8	175.2



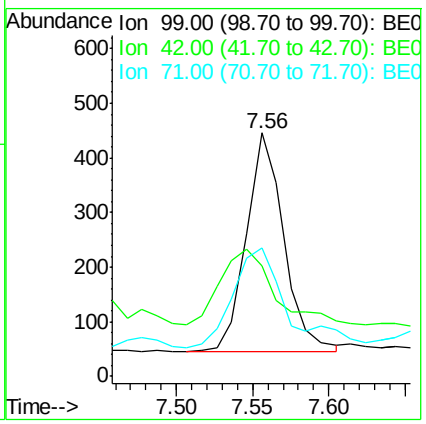


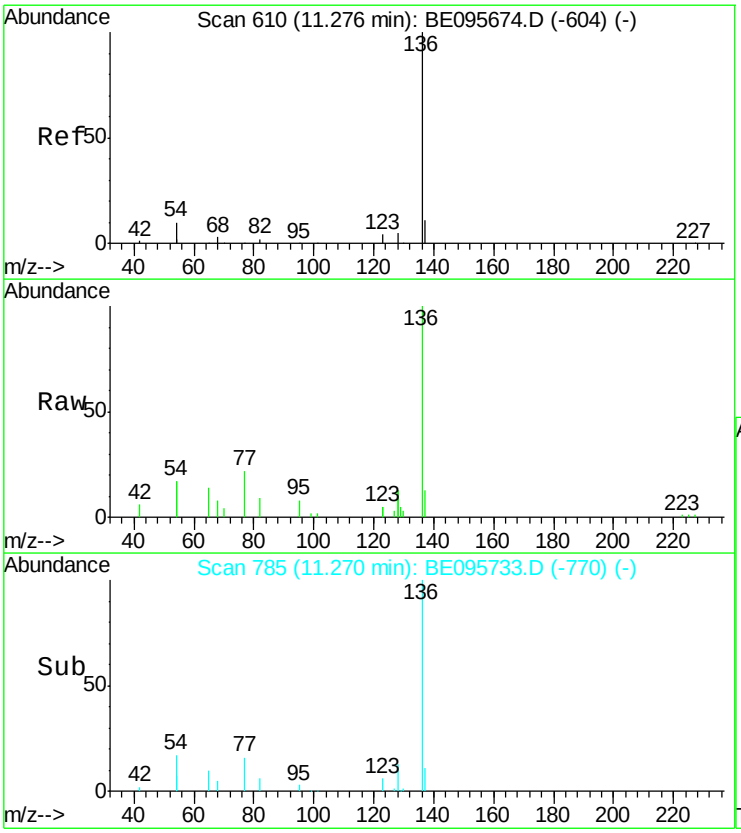
#5
Phenol-d6
Concen: 0.120 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion: 99 Resp: 685

Ion	Ratio	Lower	Upper
99	100		
42	48.9	20.2	30.2#
71	63.1	28.4	42.6#

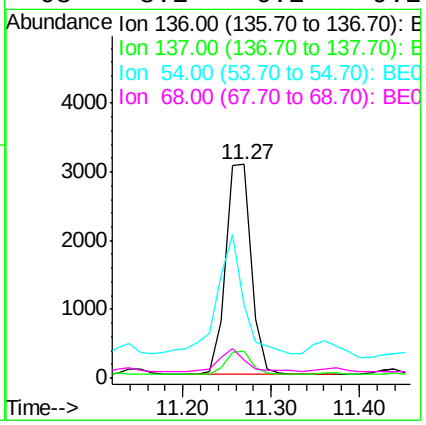


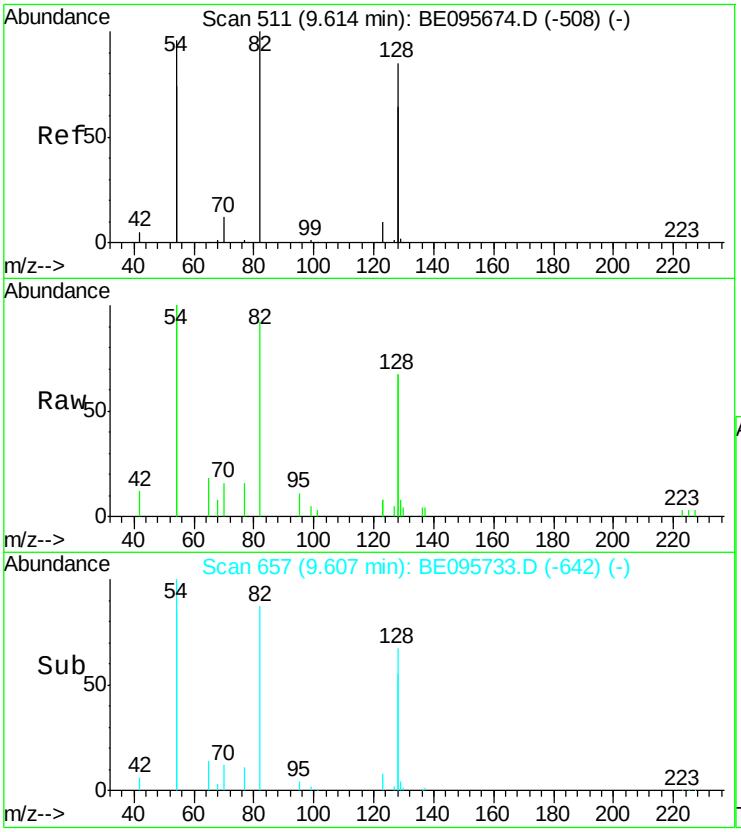


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:136 Resp: 6152

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	33.9	29.1	43.7
68	8.2	6.2	9.2



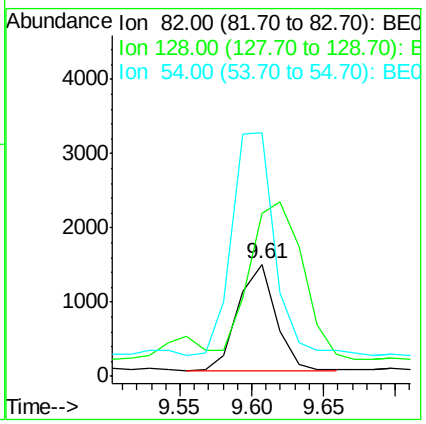


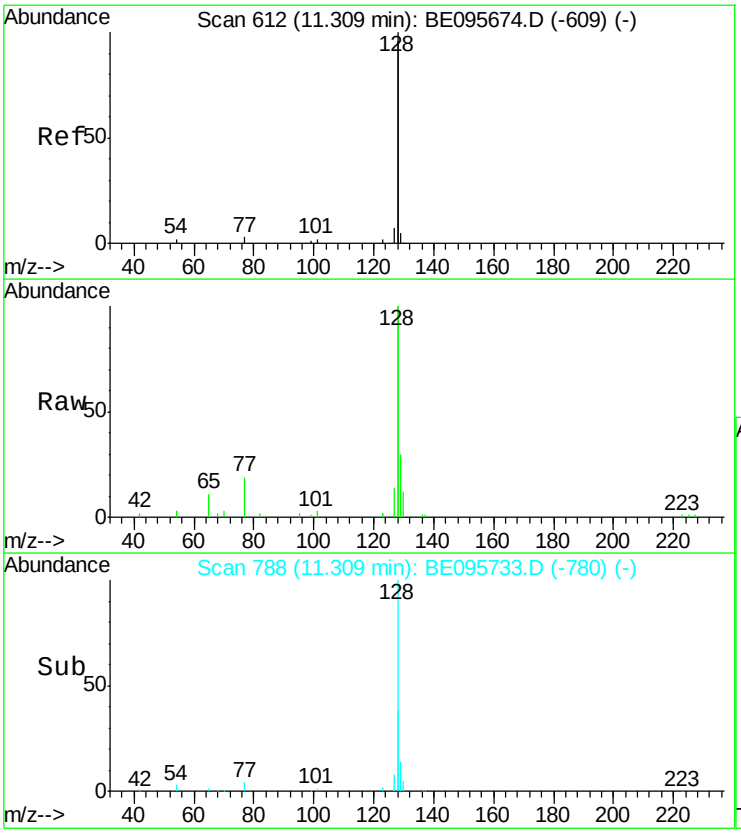
#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion: 82 Resp: 2617

Ion	Ratio	Lower	Upper
82	100		
128	145.4	150.0	225.0#
54	216.6	154.2	231.4

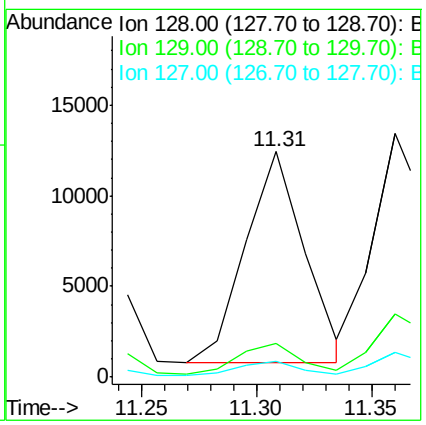


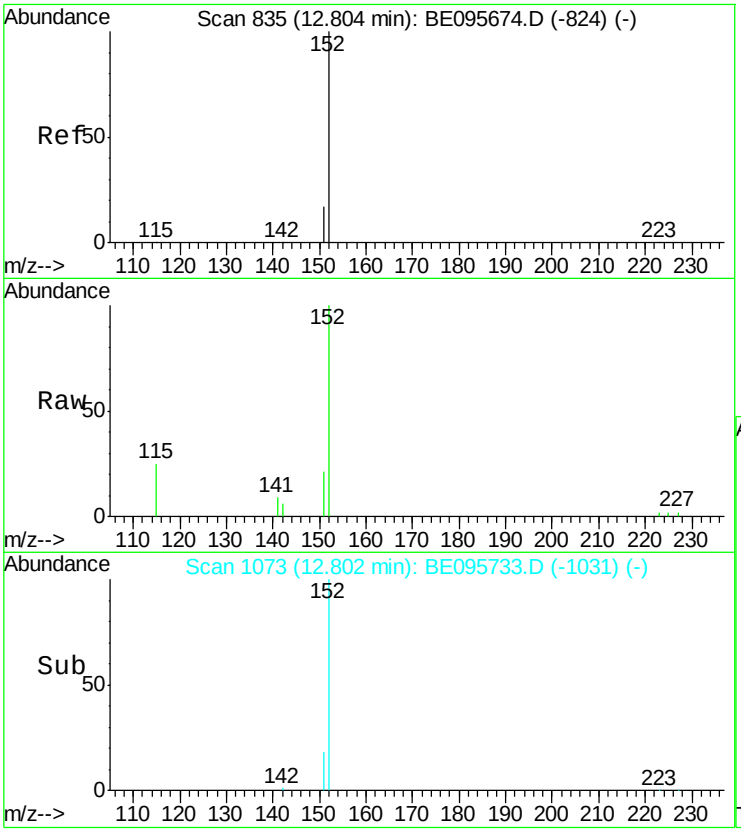


#9
Naphthalene
Concen: 0.297 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:128 Resp: 21087

Ion	Ratio	Lower	Upper
128	100		
129	15.1	2.6	3.8#
127	6.9	2.8	4.2#



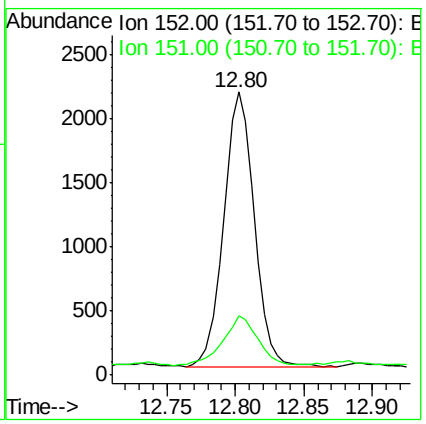


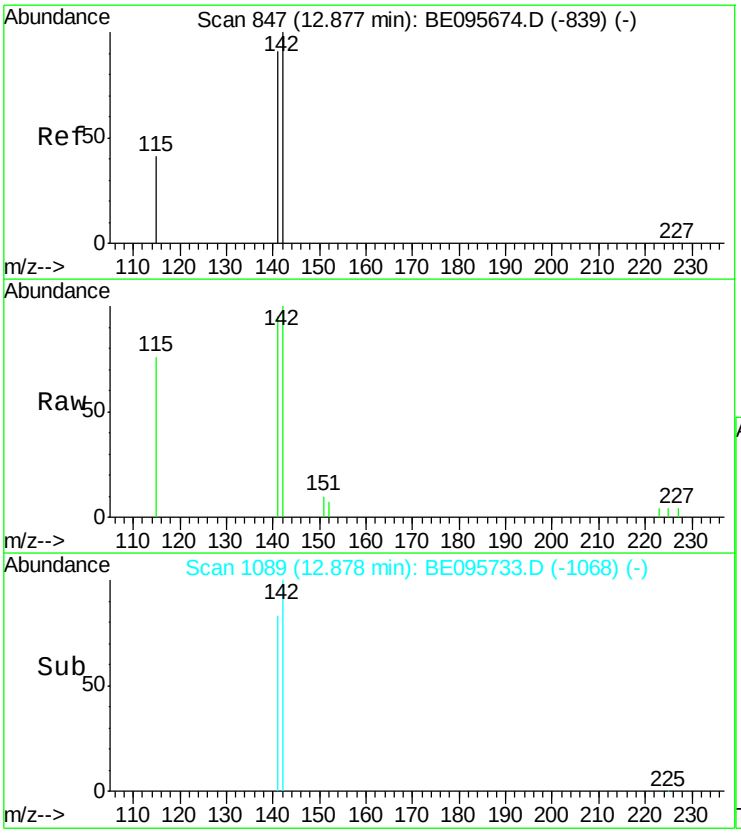
#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:152 Resp: 3336

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0

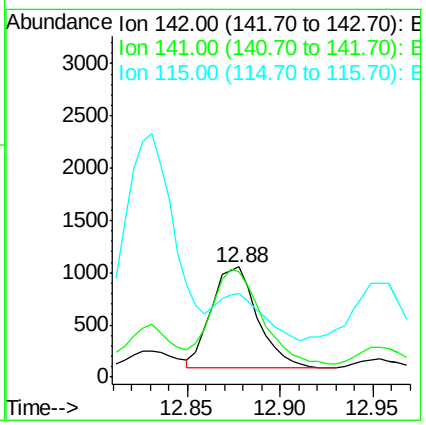


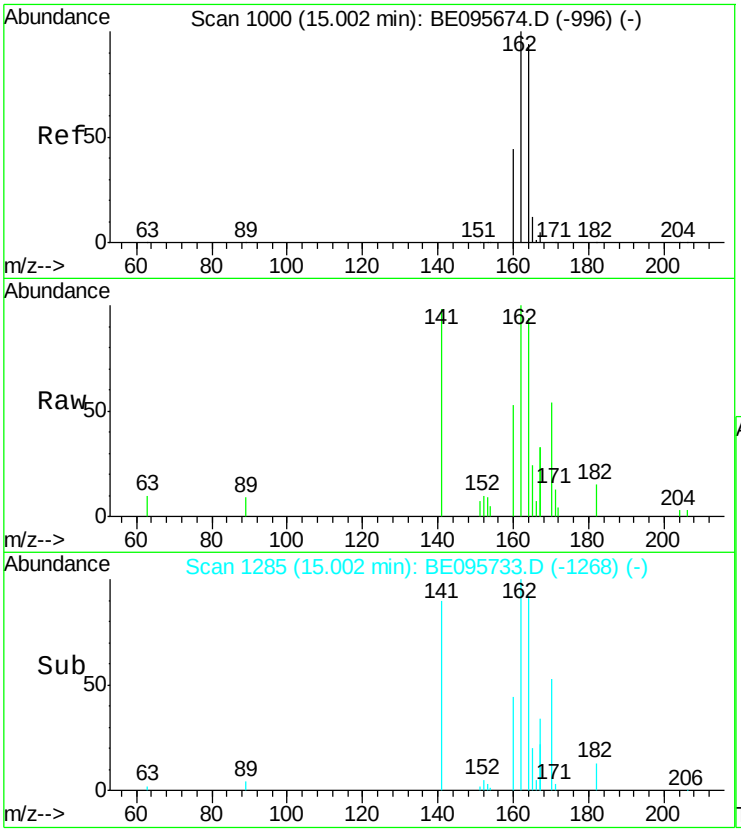


#12
2-Methylnaphthalene
Concen: 0.139 ng
RT: 12.88 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:142 Resp: 1703

Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.4	105.6
115	75.7	31.7	47.5#



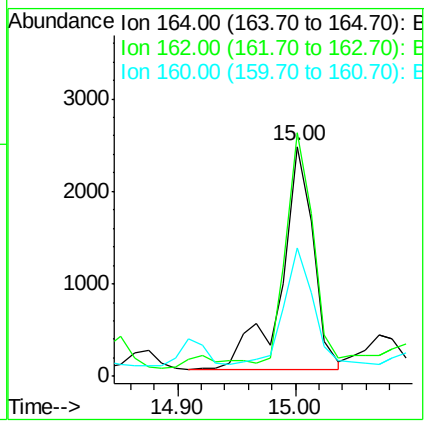


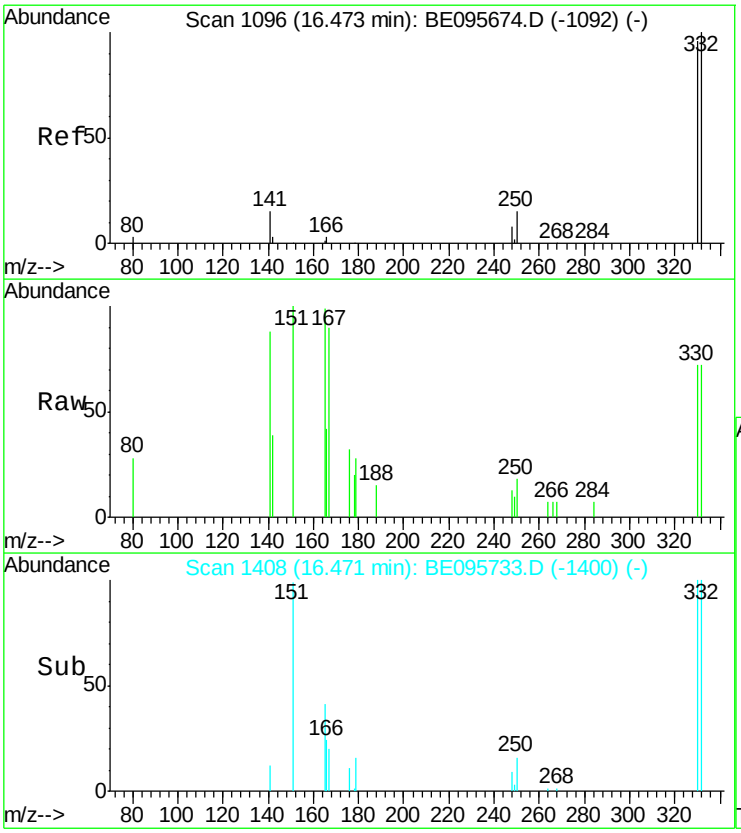
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:164 Resp: 4564

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.1	124.7
160	56.0	37.1	55.7#

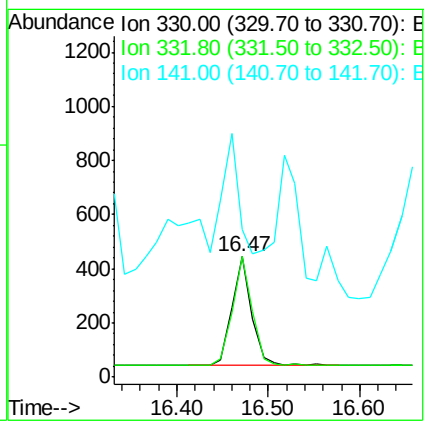


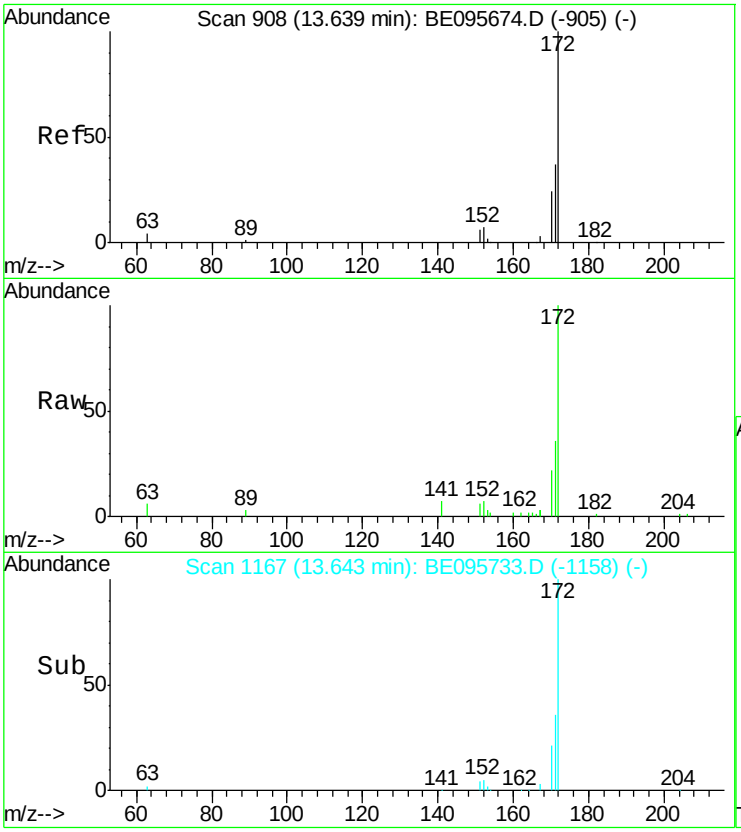


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 16.47 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:330 Resp: 604

Ion	Ratio	Lower	Upper
330	100		
332	100.3	152.7	229.1#
141	93.7	33.7	50.5#



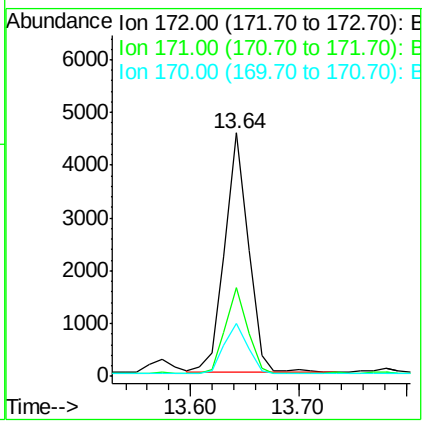


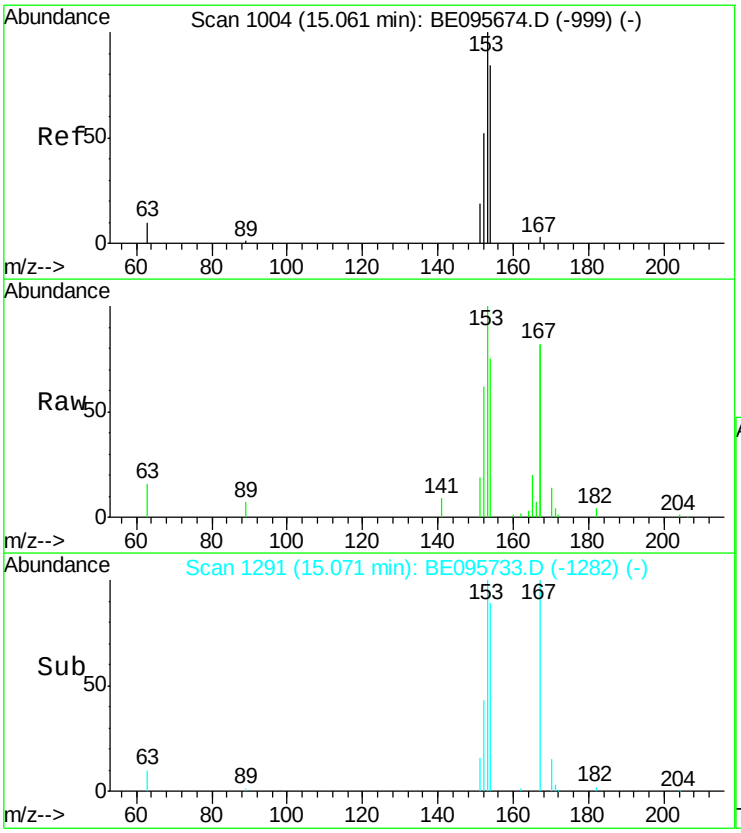
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.64 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:172 Resp: 6945

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	22.0	21.8	32.8

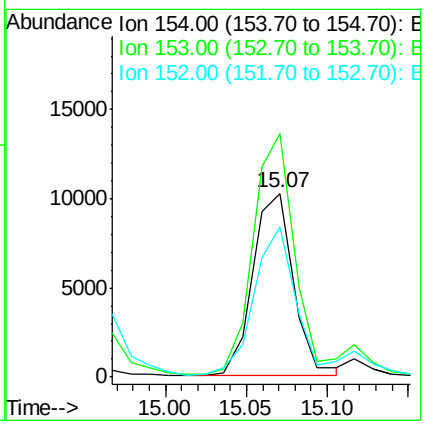


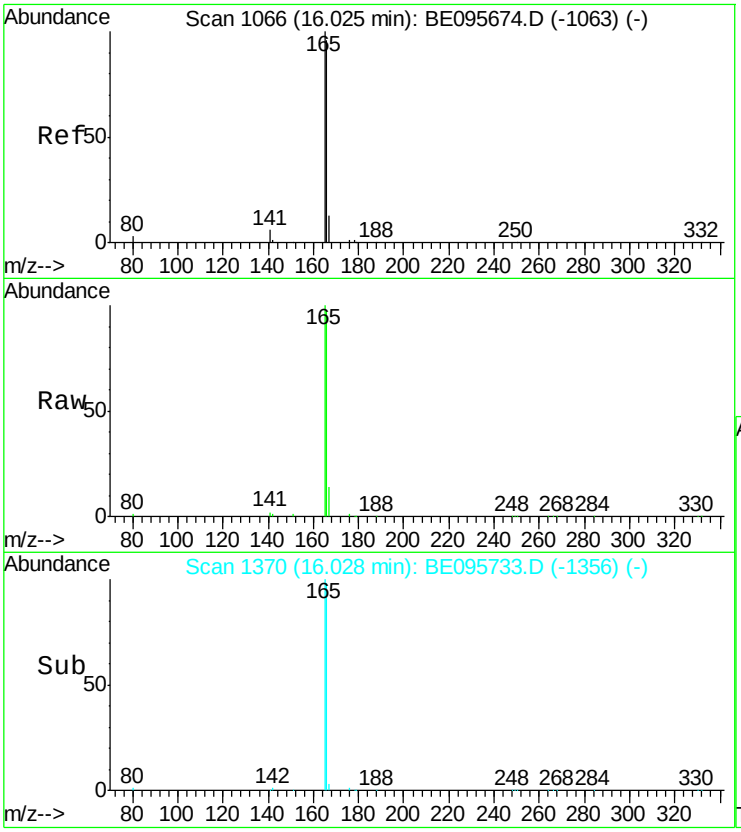


#17
Acenaphthene
Concen: 1.109 ng
RT: 15.07 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:154 Resp: 17860

Ion	Ratio	Lower	Upper
154	100		
153	135.2	89.2	133.8#
152	84.3	42.0	63.0#



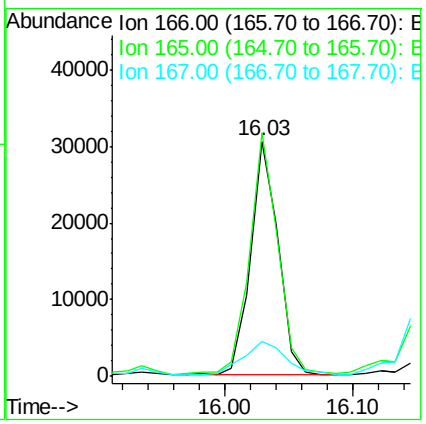


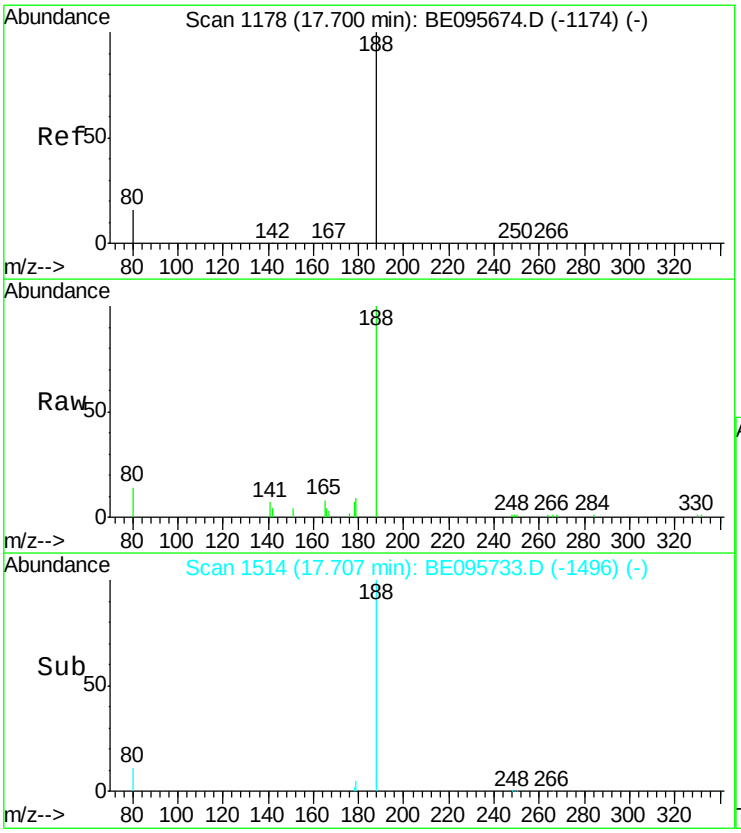
#18
Fluorene
Concen: 2.289 ng
RT: 16.03 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:166 Resp: 45705

Ion	Ratio	Lower	Upper
166	100		
165	105.2	77.8	116.6
167	22.5	42.4	63.6#

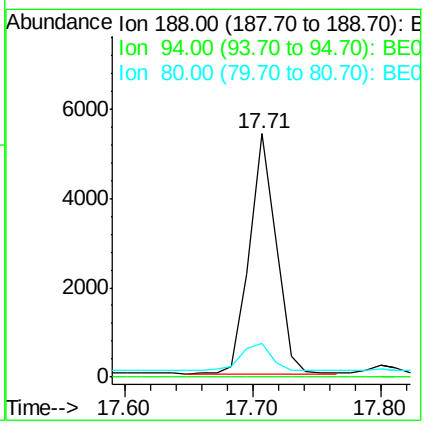


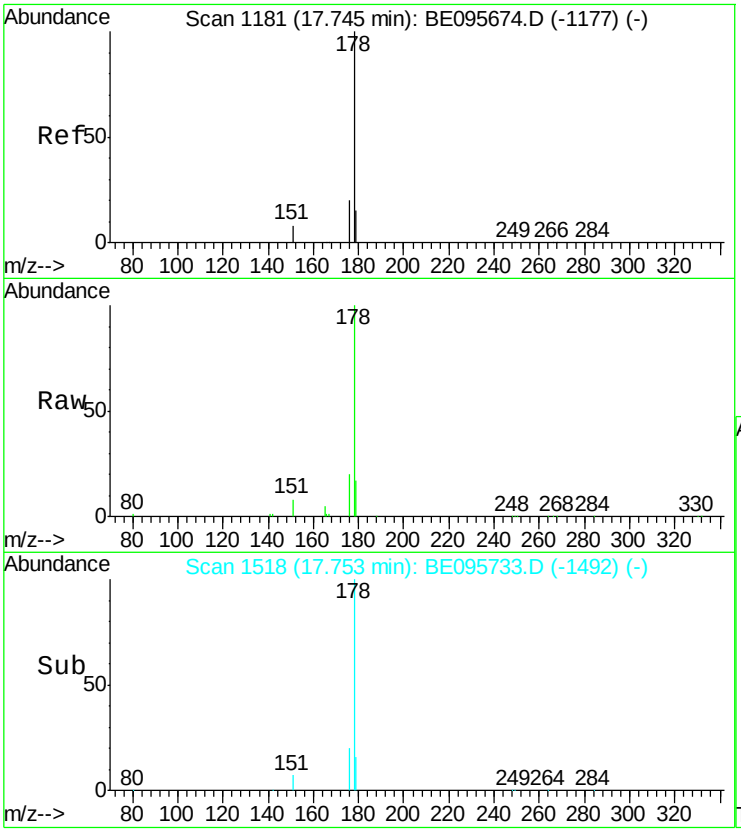


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:188 Resp: 7857

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.0	3.6	5.4#



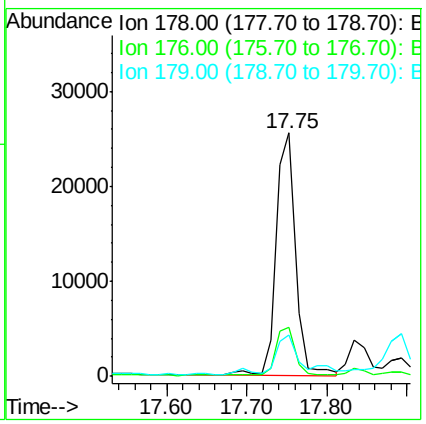


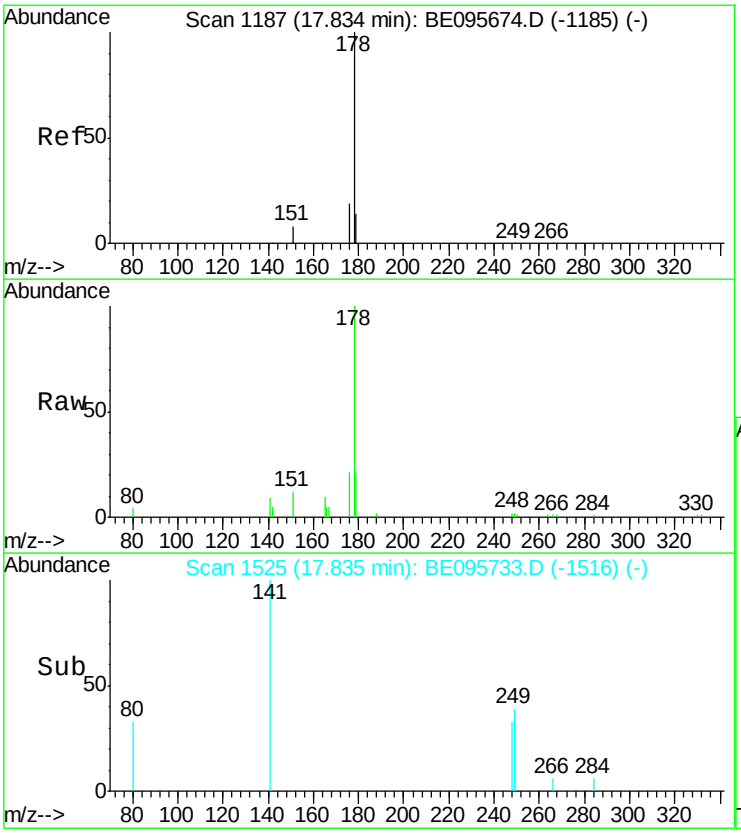
#23
Phenanthrene
Concen: 1.759 ng
RT: 17.75 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:178 Resp: 43194

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	21.6	11.8	17.6#

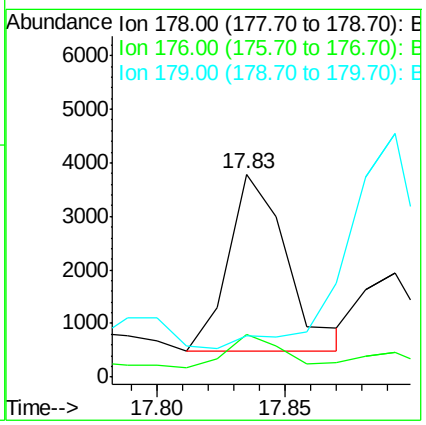


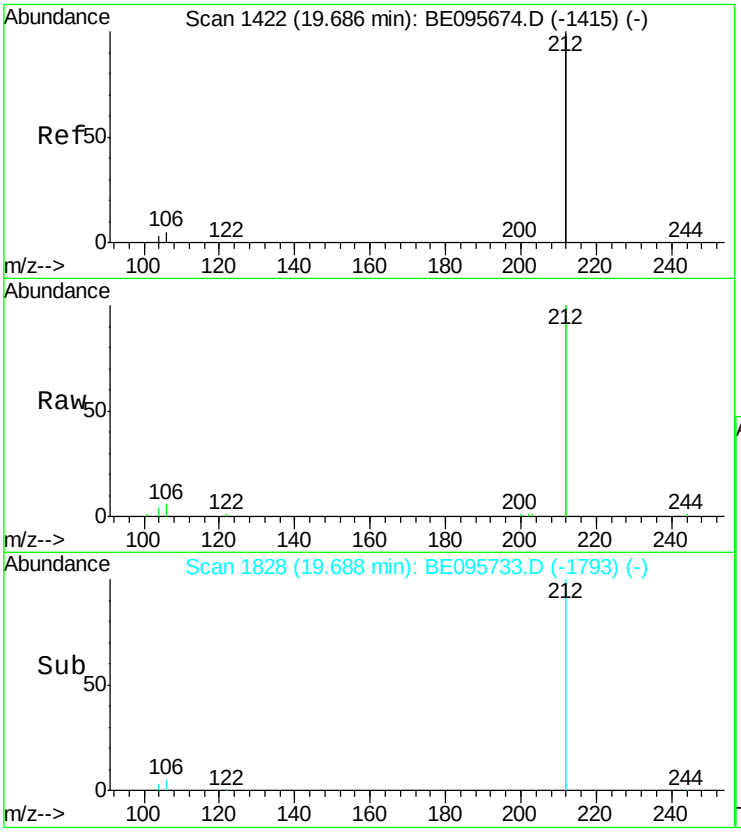


#24
Anthracene
Concen: 0.232 ng
RT: 17.83 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:178 Resp: 5232

Ion	Ratio	Lower	Upper
178	100		
176	18.0	12.8	19.2
179	0.0	13.0	19.6#



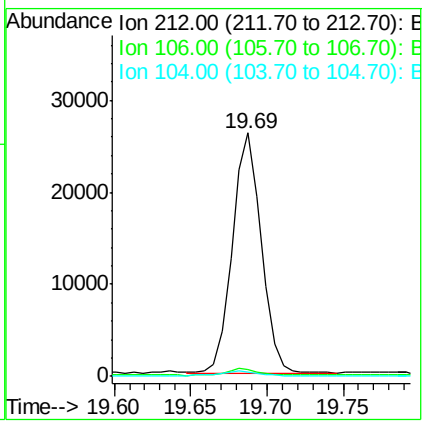


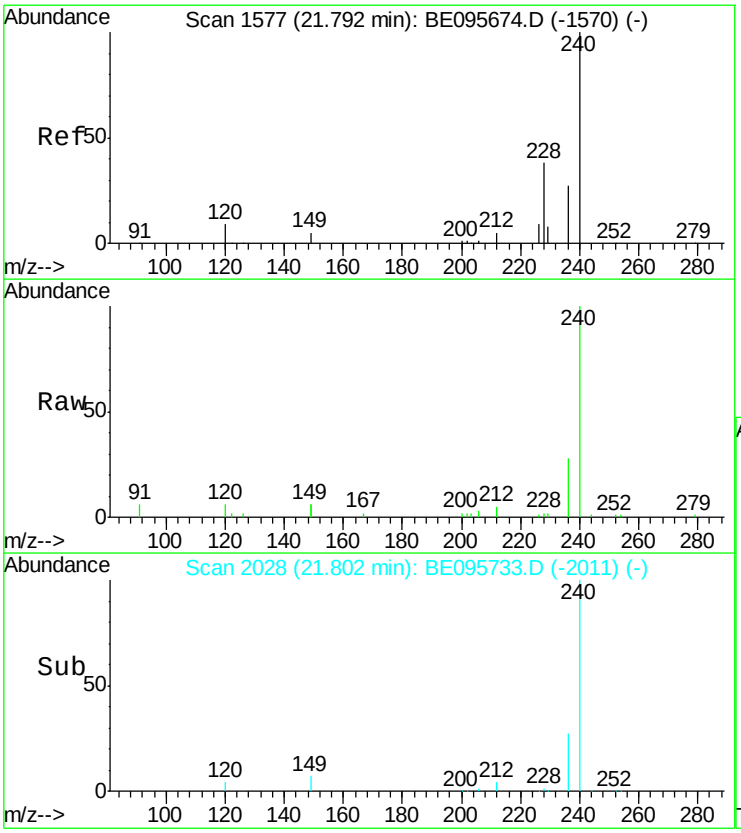
#25
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.69 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:212 Resp: 34045

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	2.1	1.6	2.4

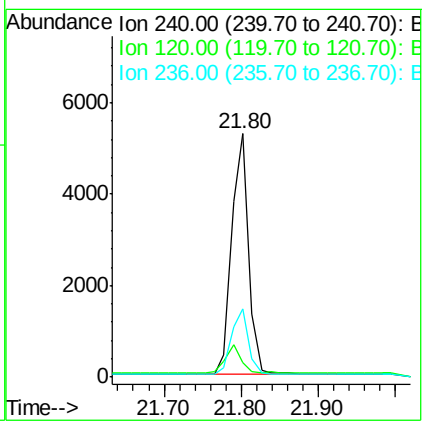


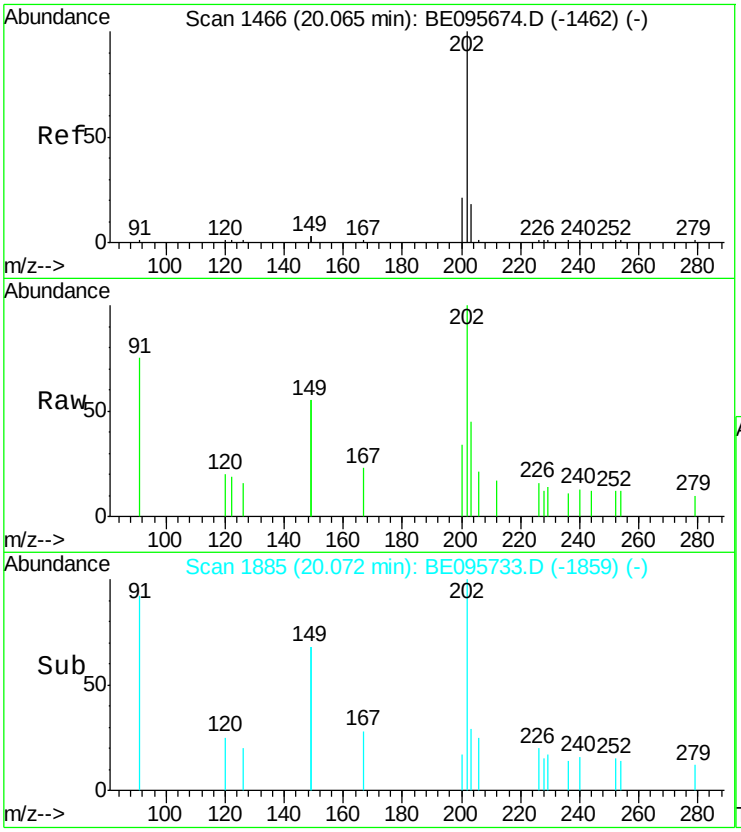


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:240 Resp: 8051

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.5	8.3
236	27.9	20.7	31.1



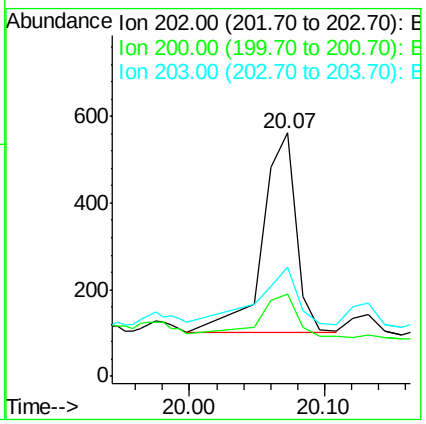


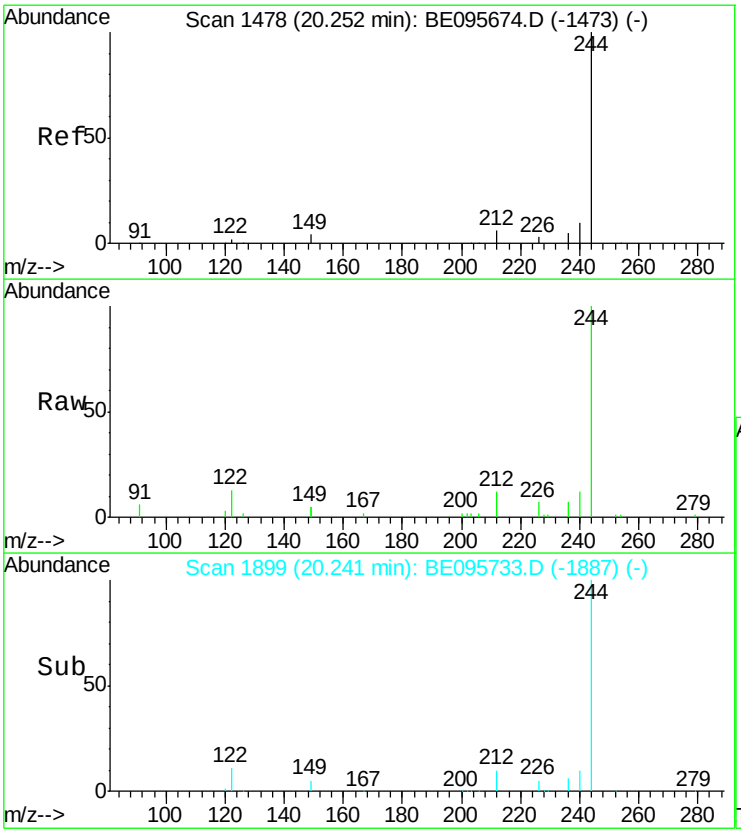
#28
Pyrene
Concen: 0.033 ng
RT: 20.07 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:202 Resp: 1095

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.6	25.0
203	33.6	13.8	20.8#

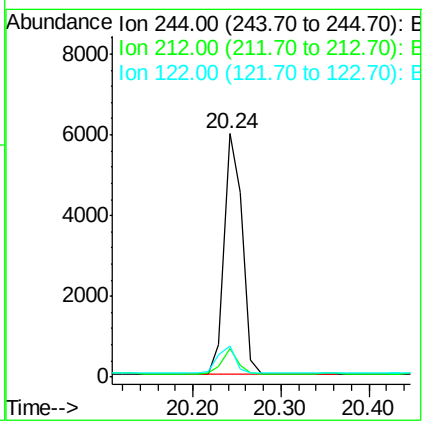


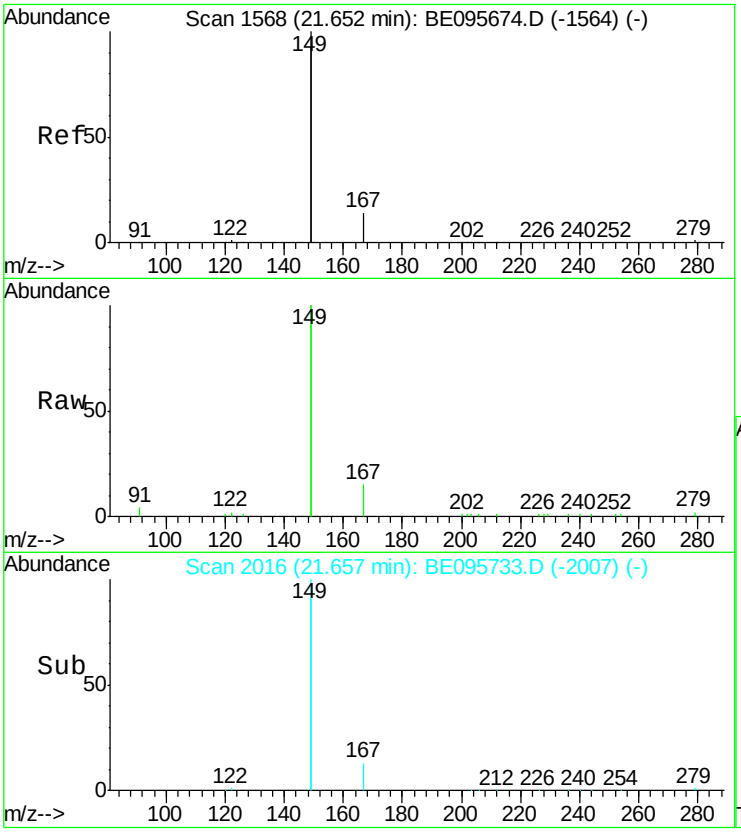


#29
Terphenyl-d14
Concen: 0.527 ng
RT: 20.24 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:244 Resp: 8461

Ion	Ratio	Lower	Upper
244	100		
212	11.5	25.4	38.0#
122	12.9	8.1	12.1#



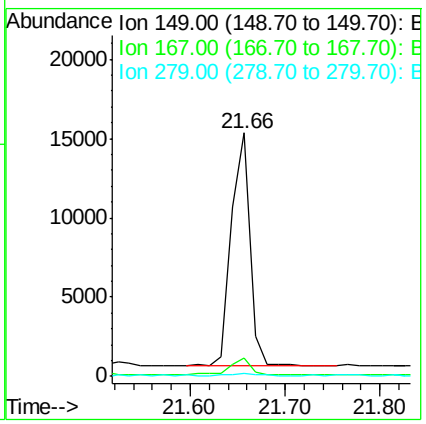


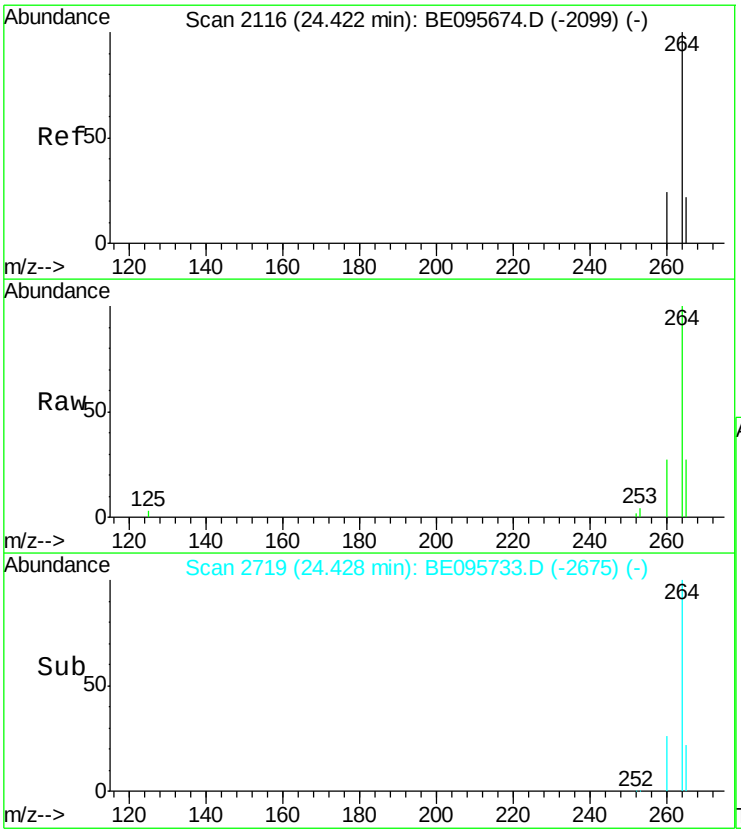
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.430 ng
RT: 21.66 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Instrument :
BNA_E
ClientSampleId :
C190137

Tgt Ion:149 Resp: 19955

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.01 min
Lab File: BE095733.D
Acq: 12 Mar 2018 16:55

Tgt Ion:264 Resp: 7573

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.5	30.7
265	26.7	22.8	34.2