Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
Data File : BE095737.D
Acq On : 12 Mar 2018 19:18
Operator : SJ/JU
Sample : J1867-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C19013071

Quant Time: Mar 13 11:00:48 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	1415	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5568	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	4280	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6991	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7074	0.40	ng	0.00
34) Perylene-d12	24.43	264	6726	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	612	0.16	ng	0.00
5) Phenol-d6	7.56	99	574	0.11	ng	0.00
8) Nitrobenzene-d5	9.61	82	2603	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3322	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	638	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	7105	0.37	ng	0.00
25) Fluoranthene-d10	19.68	212	33927	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	8449	0.60	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	11.31	128	22077	0.344	ng	# 76
12) 2-Methylnaphthalene	12.88	142	1513	0.137	ng	# 72
17) Acenaphthene	15.07	154	19376	1.283	ng	# 70
18) Fluorene	16.03	166	49919	2.666	ng	# 79
23) Phenanthrene	17.75	178	45902	2.101	ng	# 91
24) Anthracene	17.84	178	5189	0.259	ng	# 76
28) Pyrene	20.07	202	835	0.029	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.66	149	39240	0.961	ng	99

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

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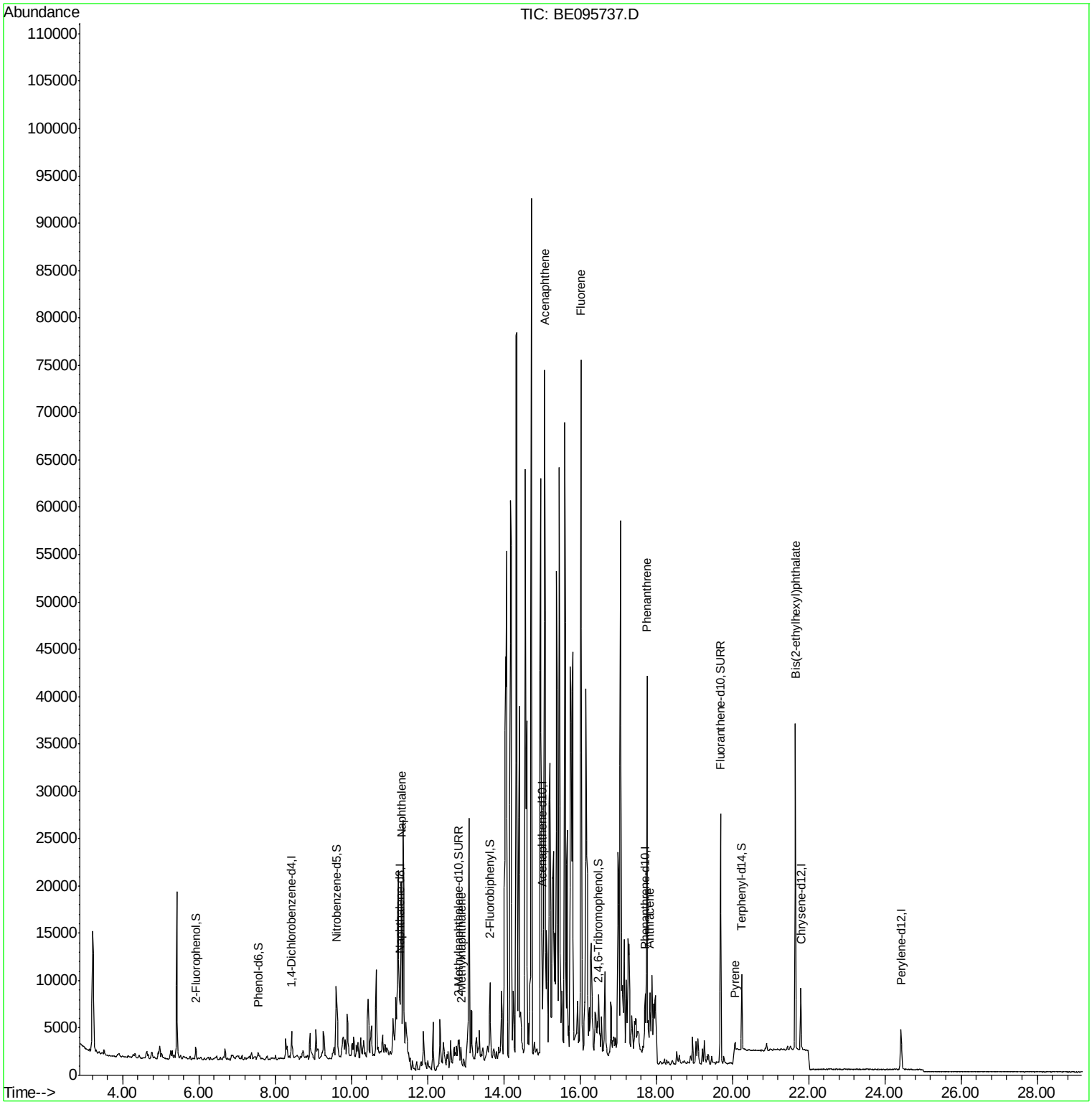
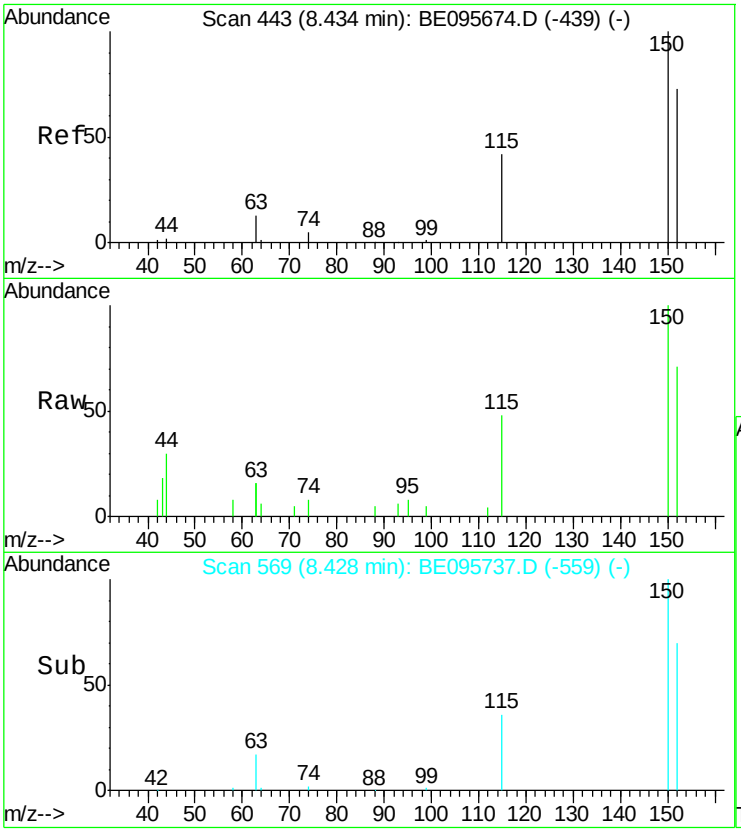


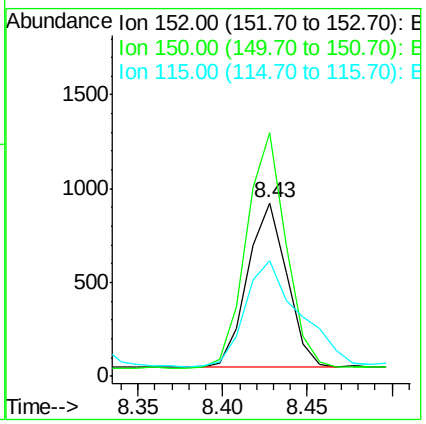


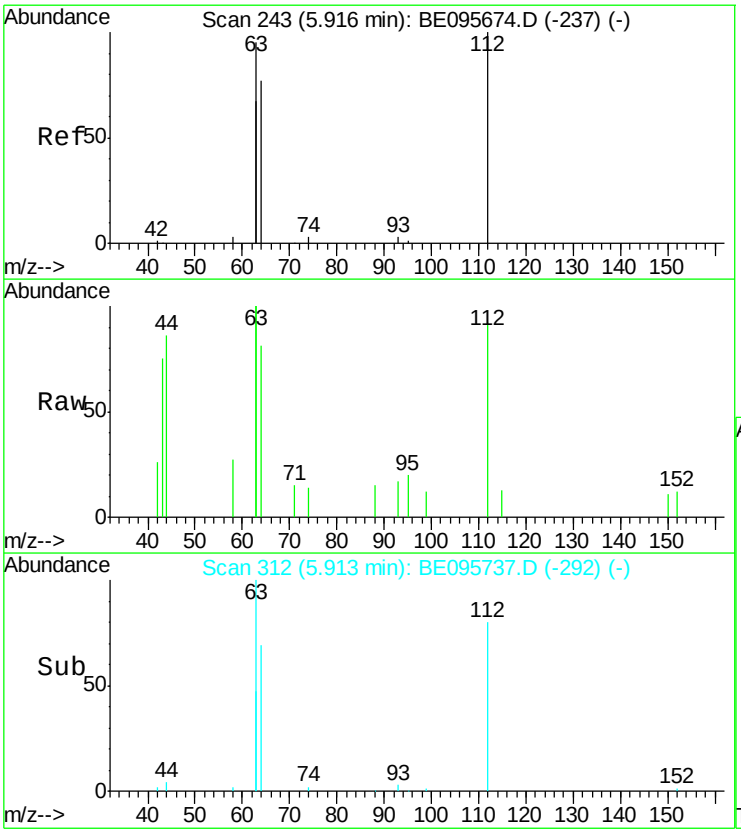
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:152 Resp: 1415

Ion	Ratio	Lower	Upper
152	100		
150	140.5	117.2	175.8
115	66.9	57.0	85.6

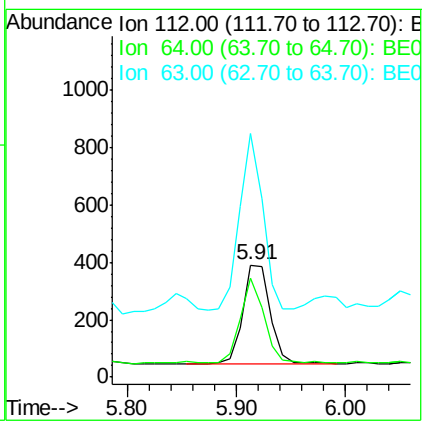


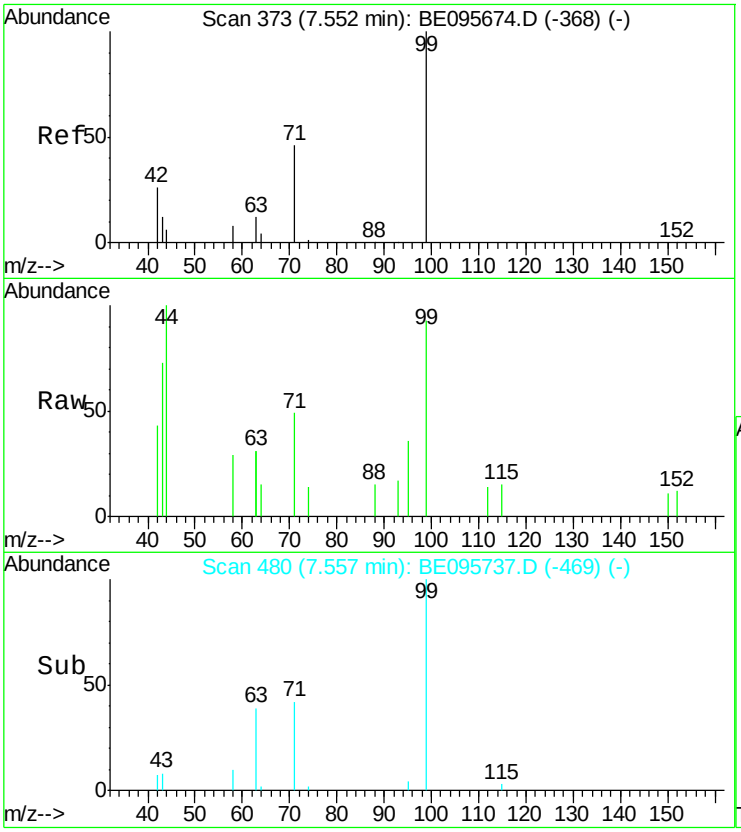


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:112 Resp: 612

Ion	Ratio	Lower	Upper
112	100		
64	72.4	60.1	90.1
63	149.3	116.8	175.2



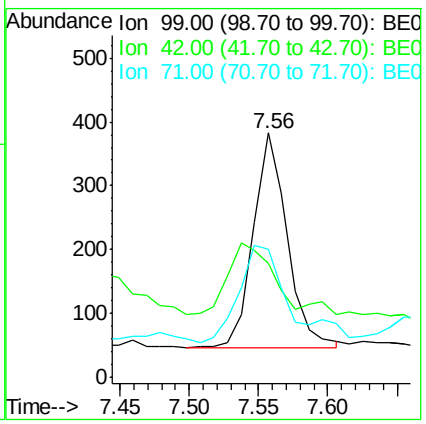


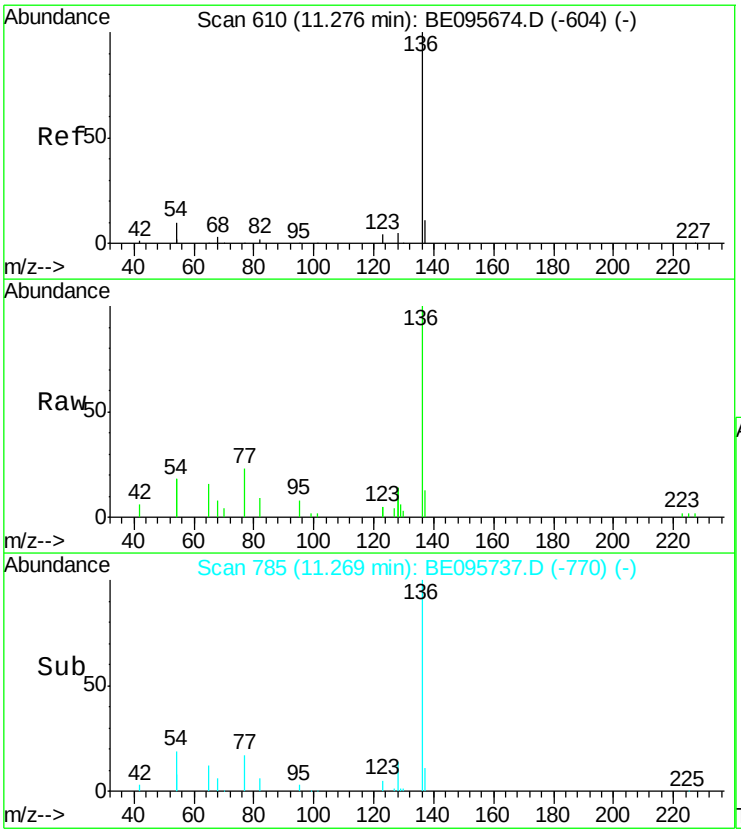
#5
Phenol-d6
Concen: 0.111 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion: 99 Resp: 574

Ion	Ratio	Lower	Upper
99	100		
42	46.9	20.2	30.2#
71	65.3	28.4	42.6#

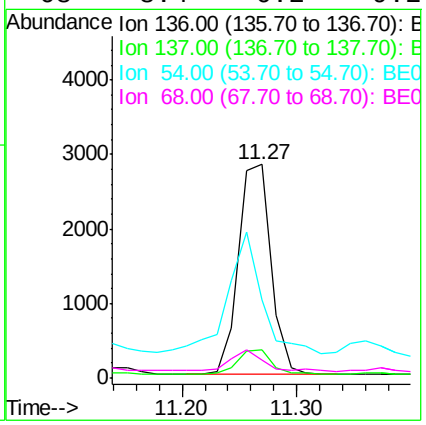


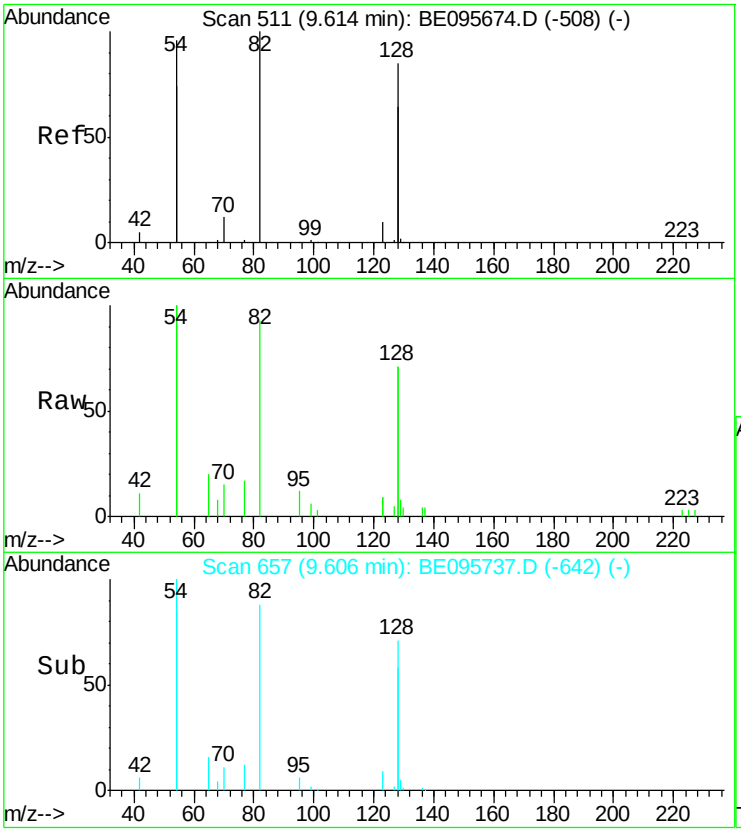


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:136 Resp: 5568

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	36.4	29.1	43.7
68	8.4	6.2	9.2



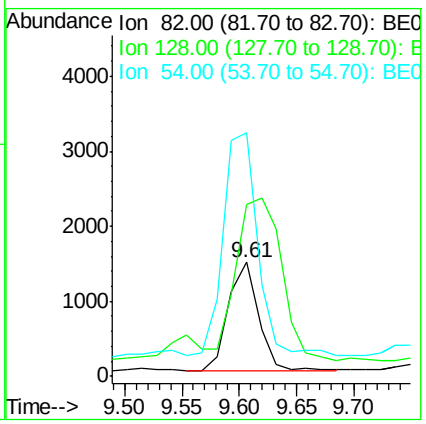


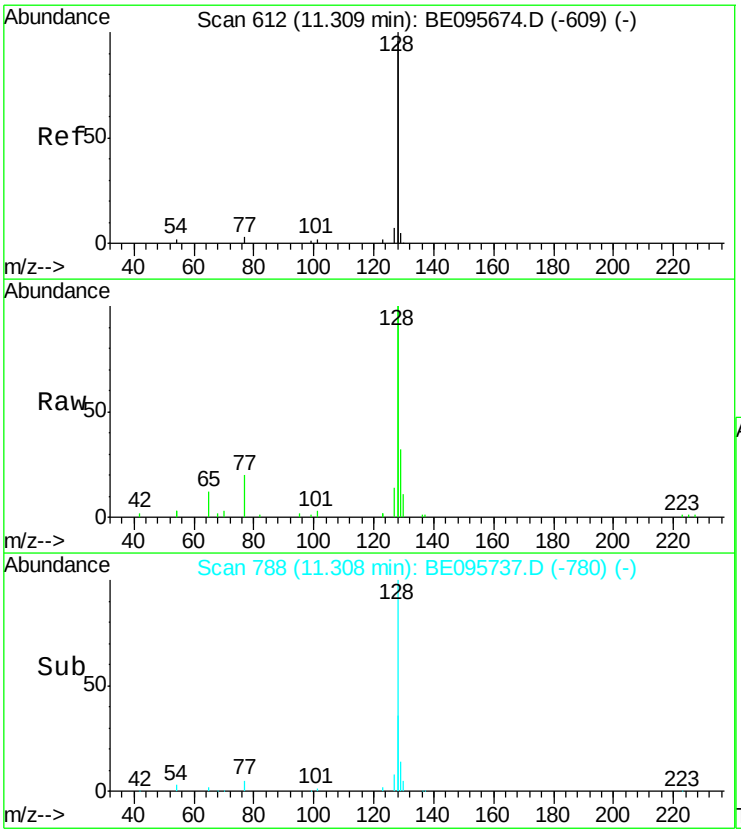
#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion: 82 Resp: 2603

Ion	Ratio	Lower	Upper
82	100		
128	151.5	150.0	225.0
54	214.0	154.2	231.4

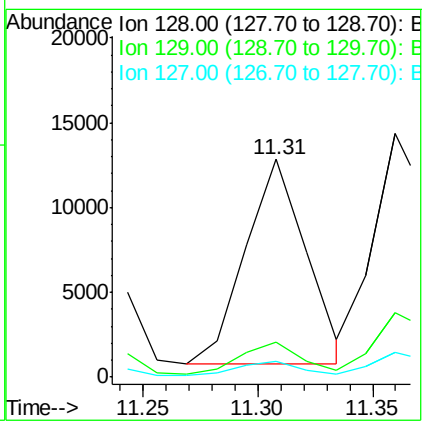


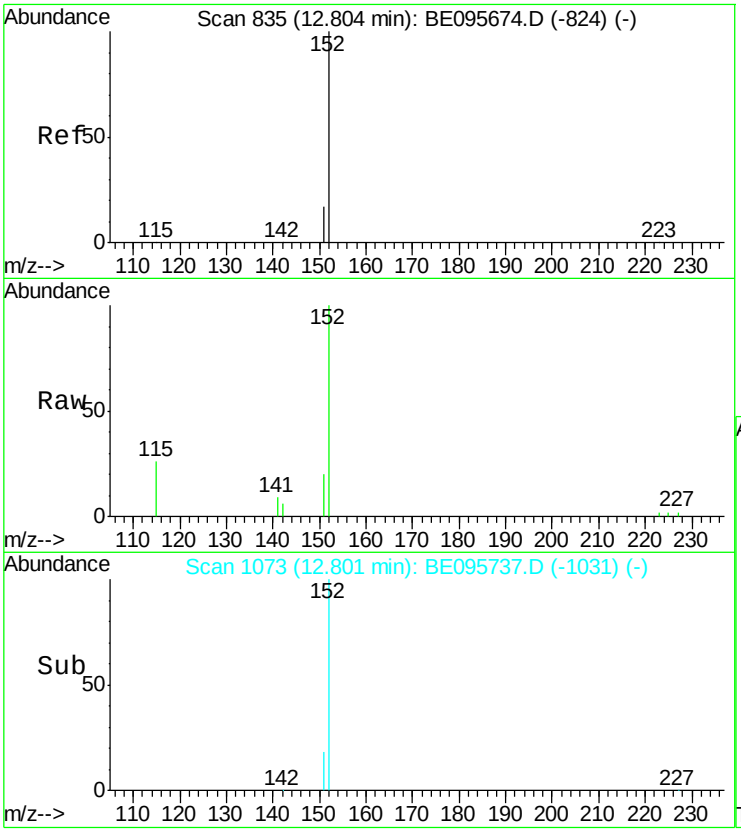


#9
Naphthalene
Concen: 0.344 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:128 Resp: 22077

Ion	Ratio	Lower	Upper
128	100		
129	15.9	2.6	3.8#
127	7.2	2.8	4.2#



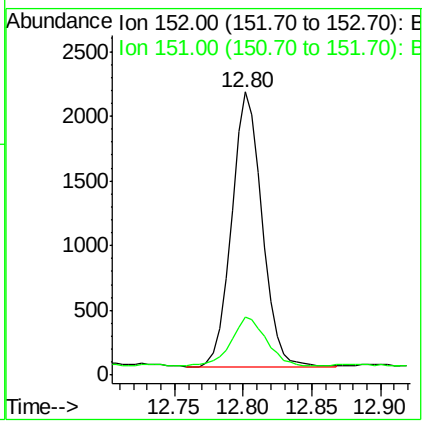


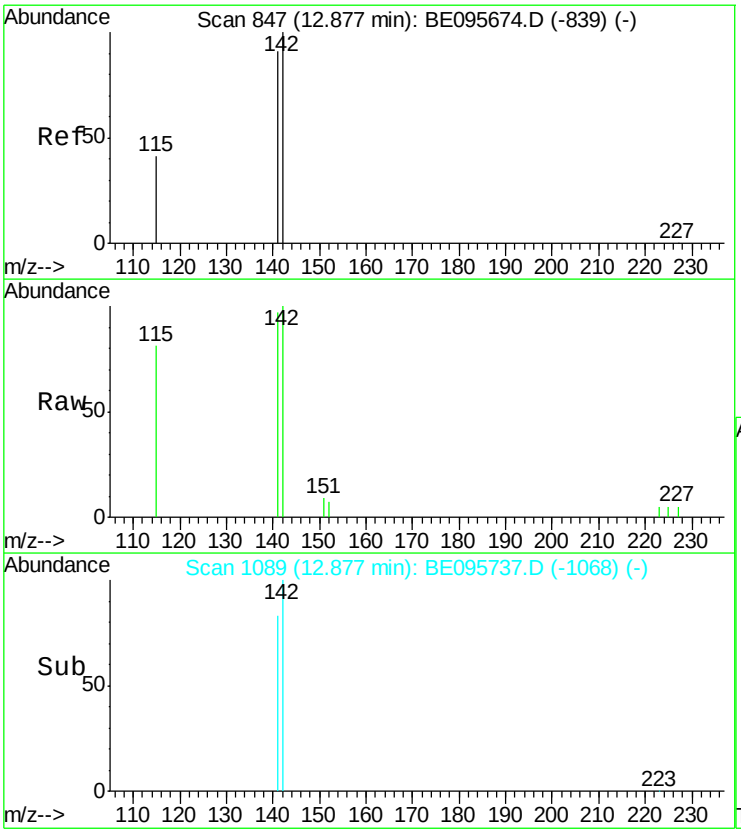
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:152 Resp: 3322

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.4	23.0

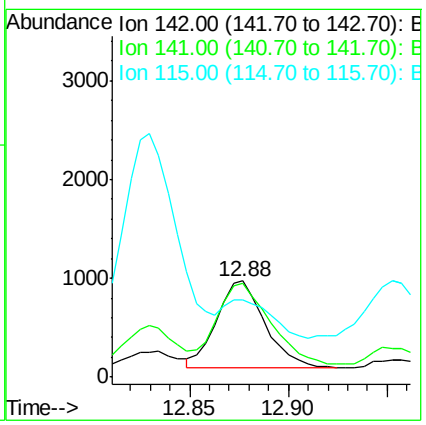


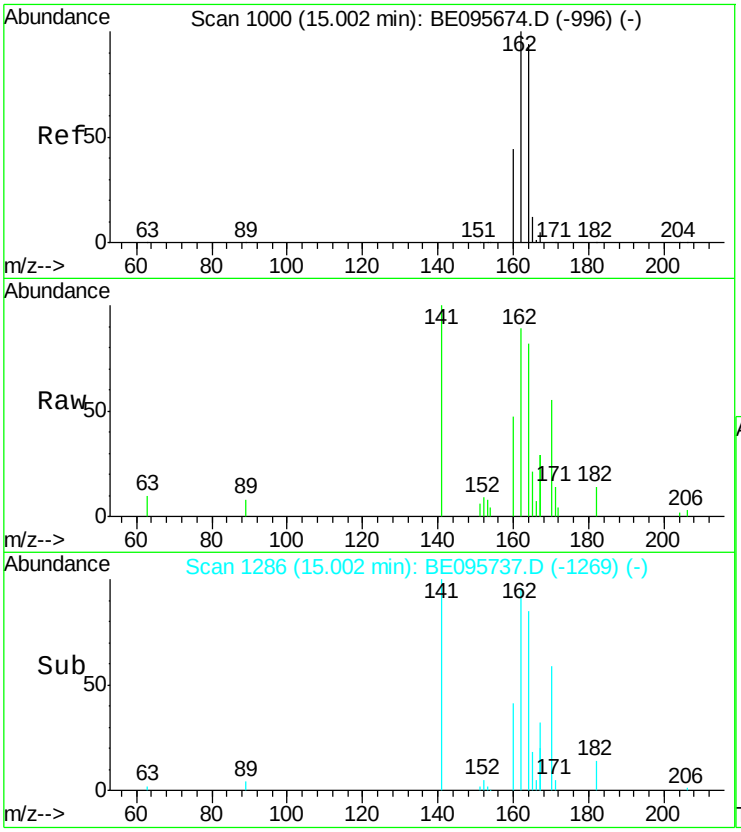


#12
2-Methylnaphthalene
Concen: 0.137 ng
RT: 12.88 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:142 Resp: 1513

Ion	Ratio	Lower	Upper
142	100		
141	97.1	70.4	105.6
115	80.7	31.7	47.5#



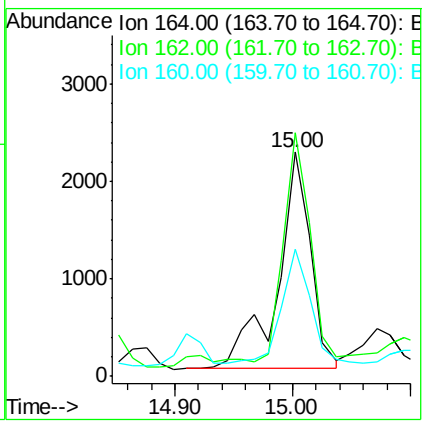


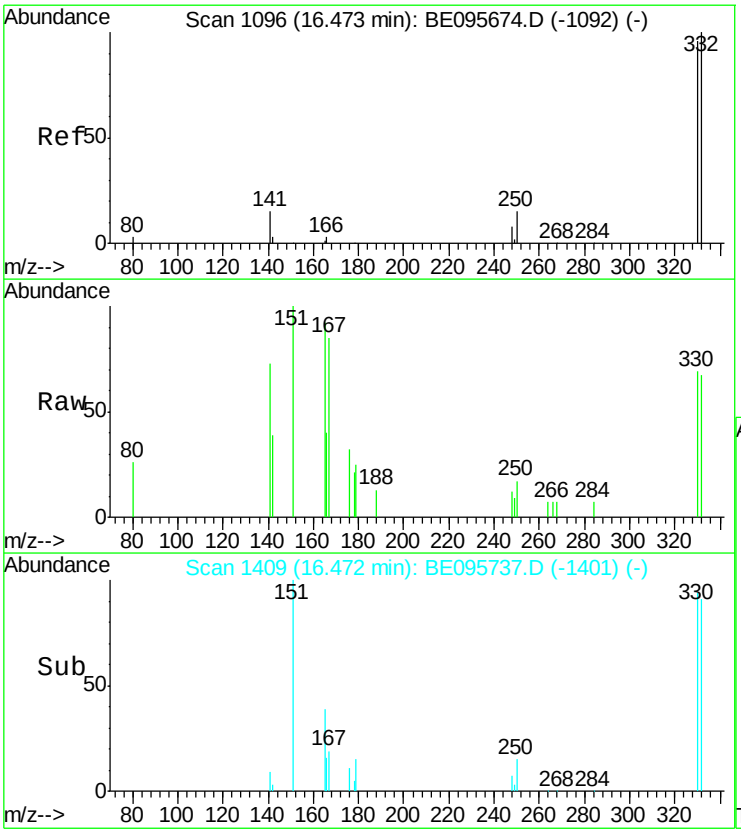
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:164 Resp: 4280

Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.1	124.7
160	57.1	37.1	55.7#

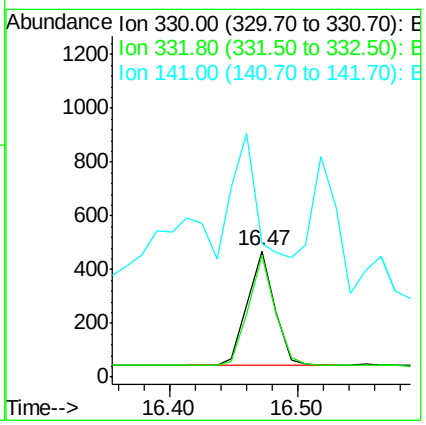


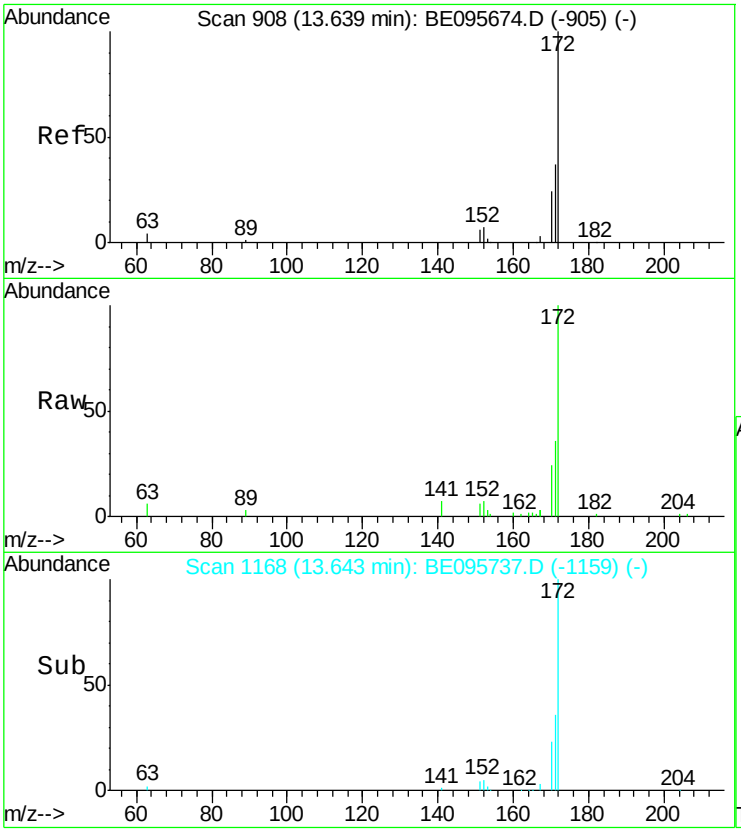


#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:330 Resp: 638

Ion	Ratio	Lower	Upper
330	100		
332	95.3	152.7	229.1#
141	95.3	33.7	50.5#



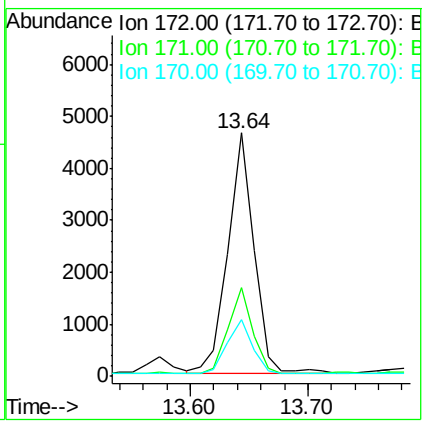


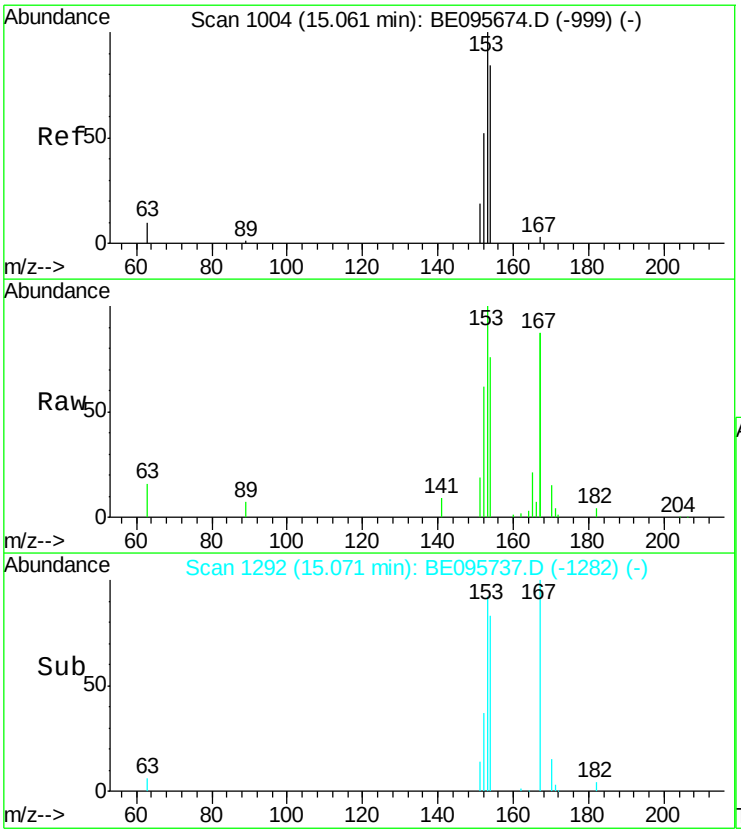
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:172 Resp: 7105

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.5	21.8	32.8

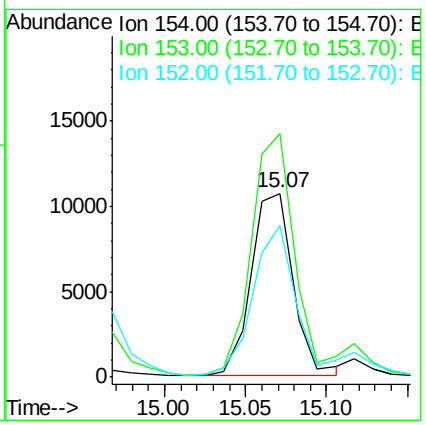


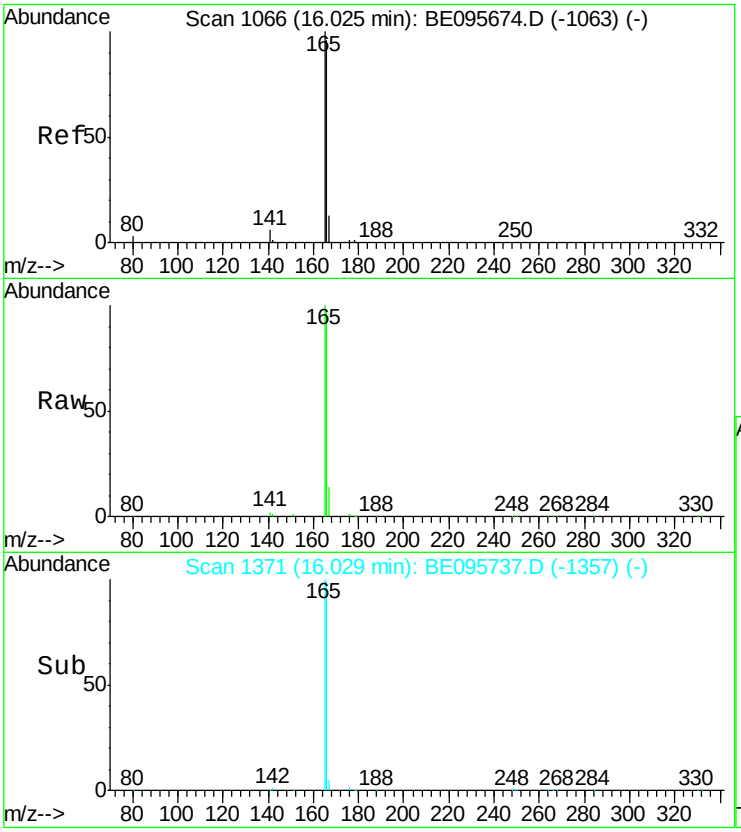


#17
Acenaphthene
Concen: 1.283 ng
RT: 15.07 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:154 Resp: 19376

Ion	Ratio	Lower	Upper
154	100		
153	135.6	89.2	133.8#
152	84.1	42.0	63.0#



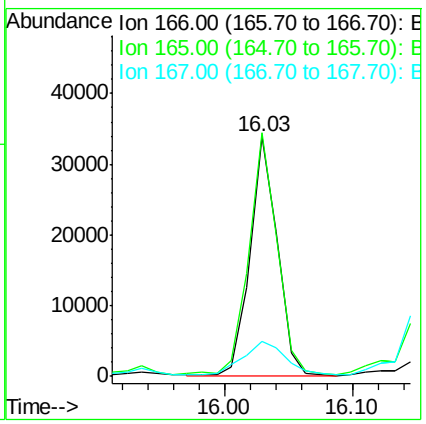


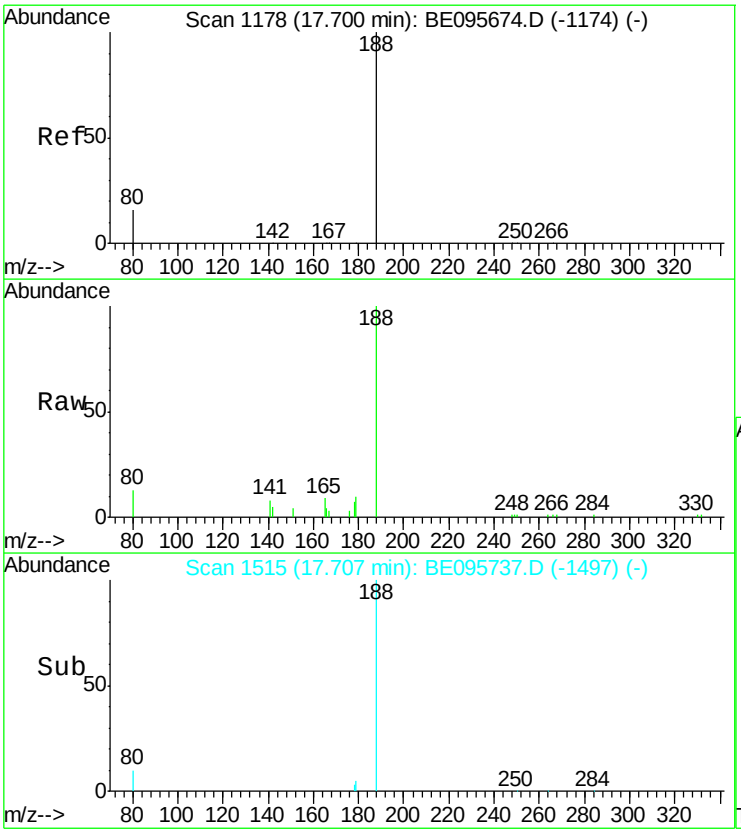
#18
Fluorene
Concen: 2.666 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:166 Resp: 49919

Ion	Ratio	Lower	Upper
166	100		
165	105.5	77.8	116.6
167	22.0	42.4	63.6#

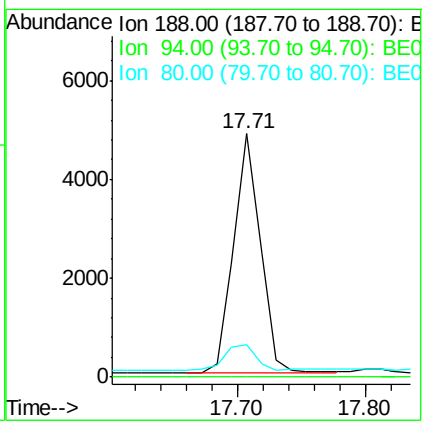


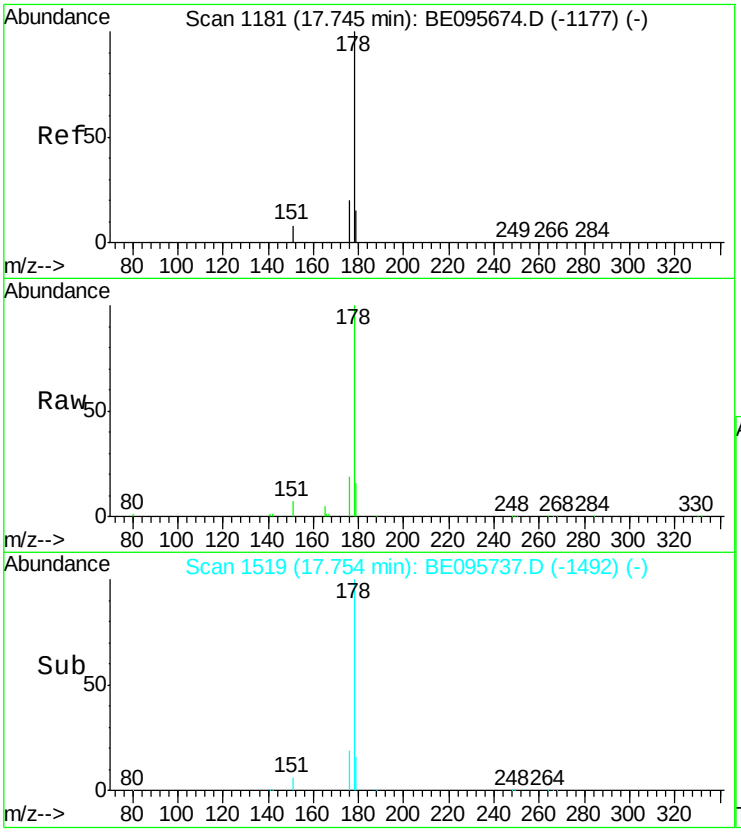


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:188 Resp: 6991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.4	3.6	5.4#



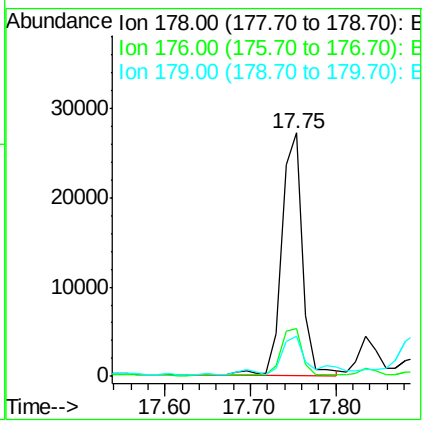


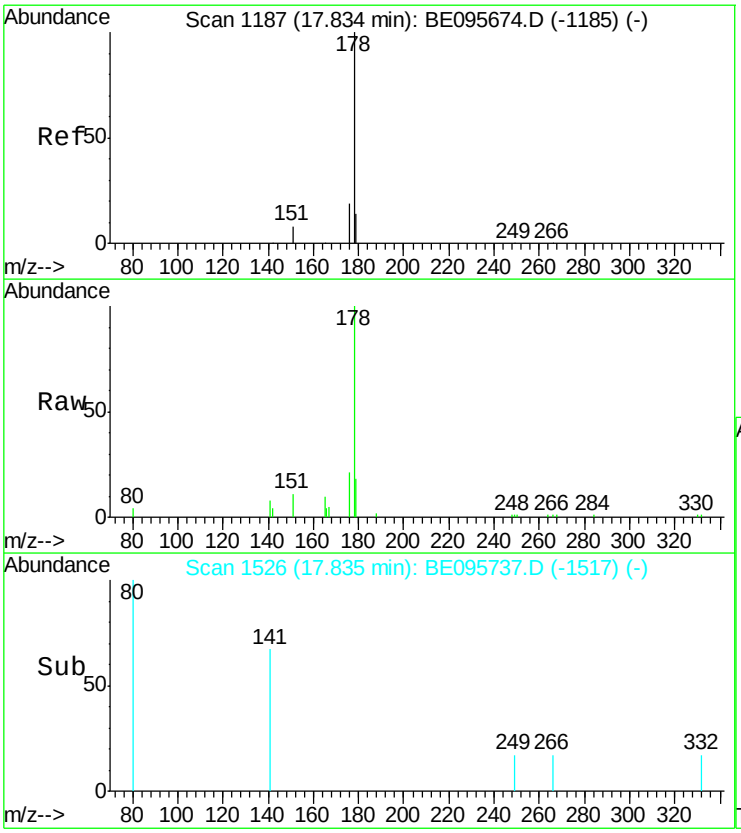
#23
Phenanthrene
Concen: 2.101 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:178 Resp: 45902

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	21.7	11.8	17.6#

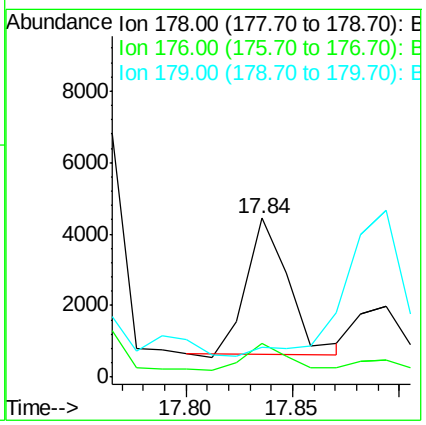


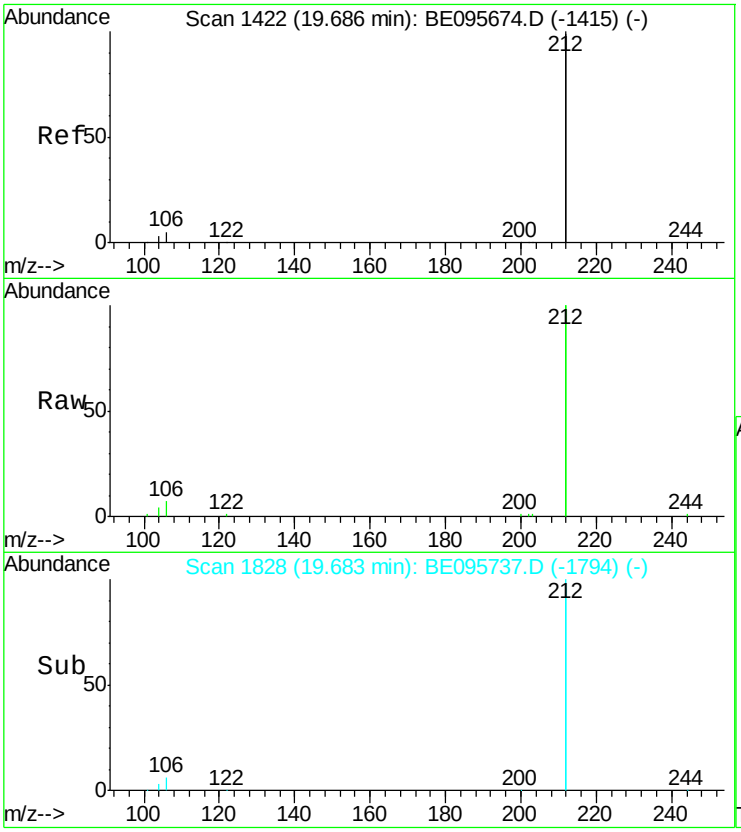


#24
Anthracene
Concen: 0.259 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:178 Resp: 5189

Ion	Ratio	Lower	Upper
178	100		
176	20.2	12.8	19.2#
179	0.0	13.0	19.6#



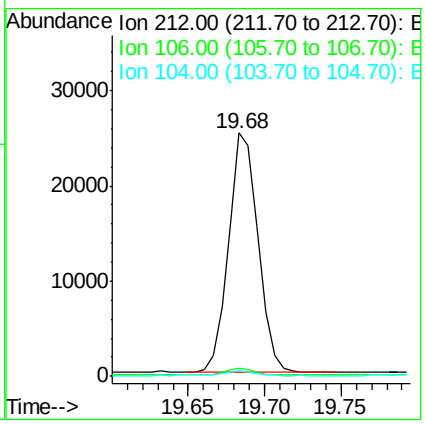


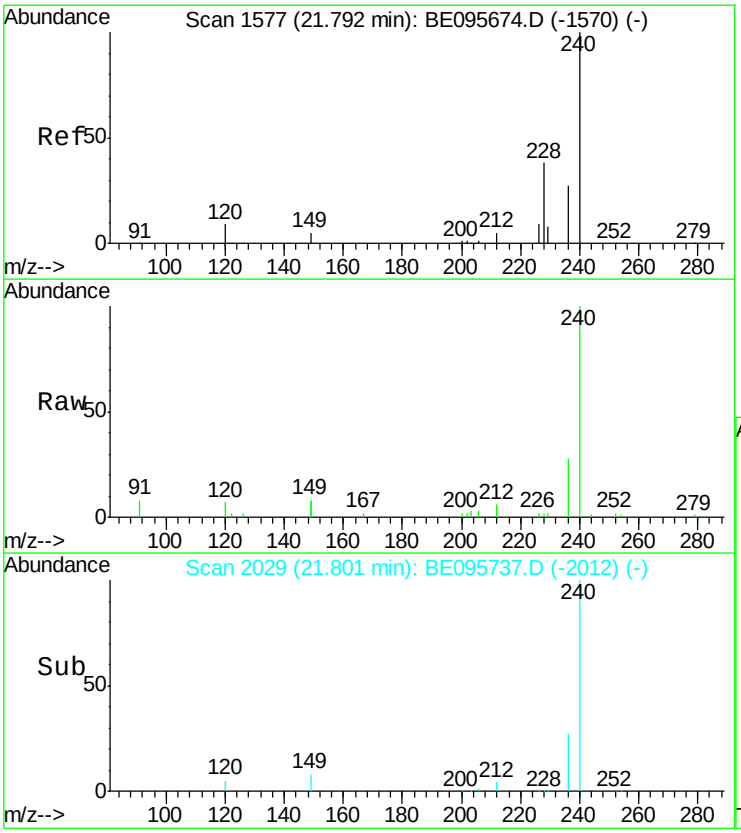
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:212 Resp: 33927

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	2.0	1.6	2.4

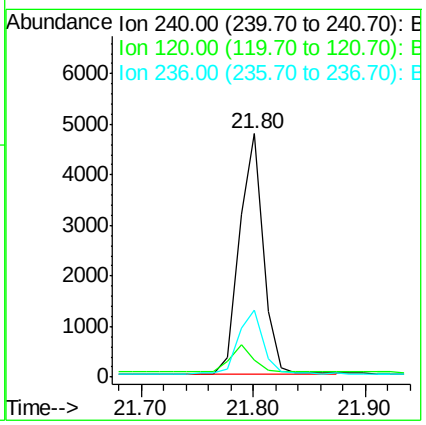


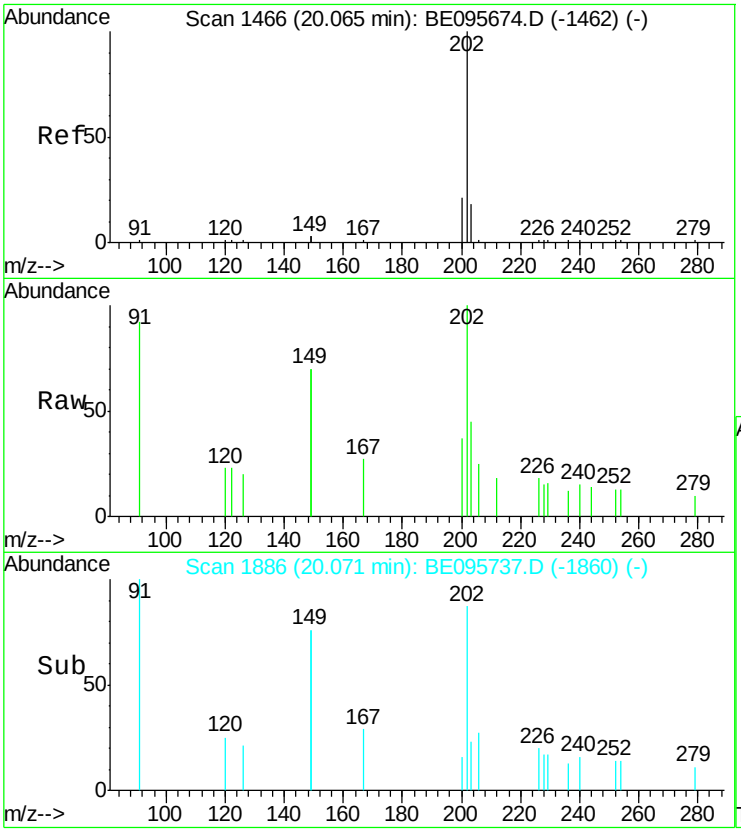


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:240 Resp: 7074

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	27.6	20.7	31.1



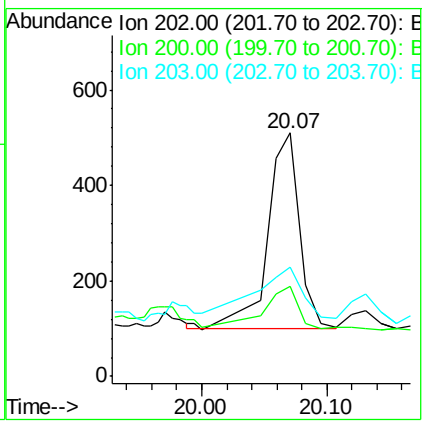


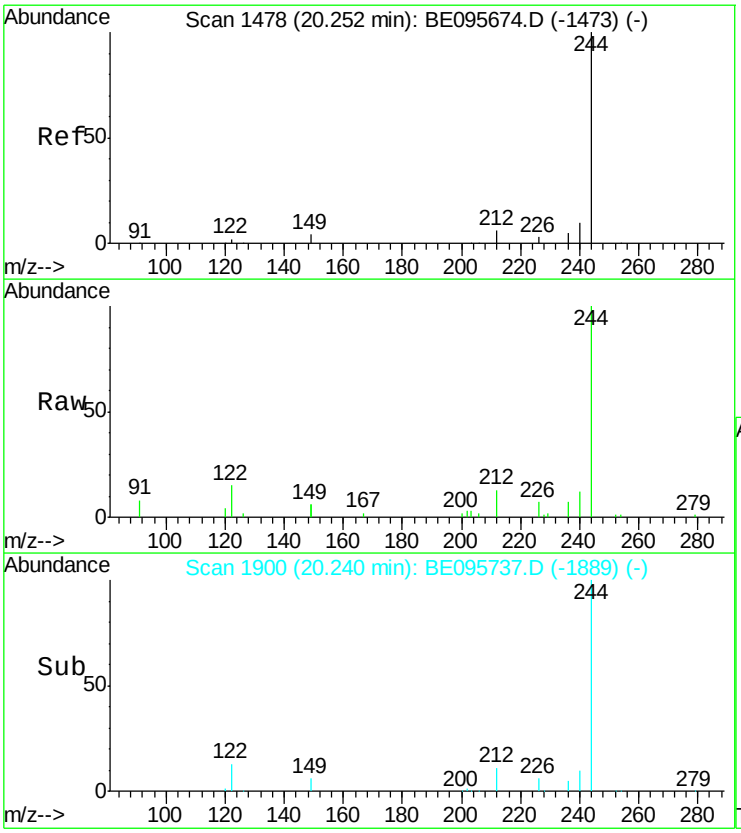
#28
Pyrene
Concen: 0.029 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:202 Resp: 835

Ion	Ratio	Lower	Upper
202	100		
200	25.4	16.6	25.0#
203	46.0	13.8	20.8#

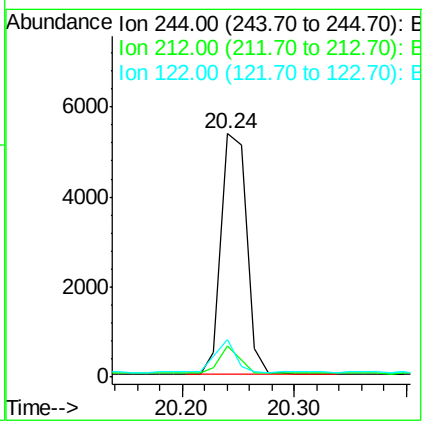


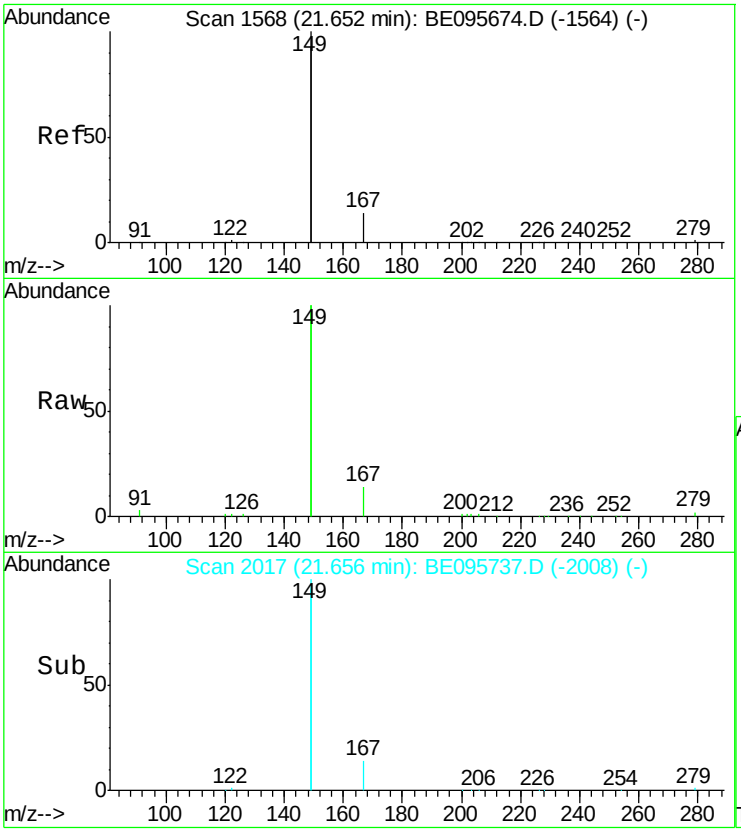


#29
Terphenyl-d14
Concen: 0.599 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:244 Resp: 8449

Ion	Ratio	Lower	Upper
244	100		
212	12.6	25.4	38.0#
122	15.3	8.1	12.1#



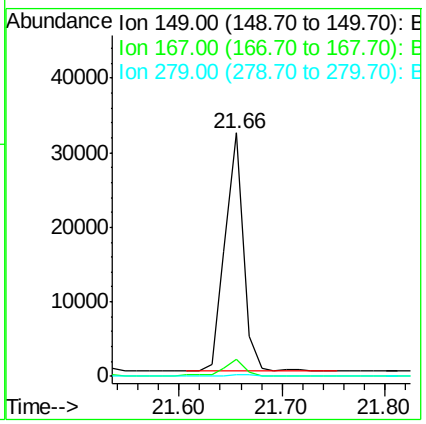


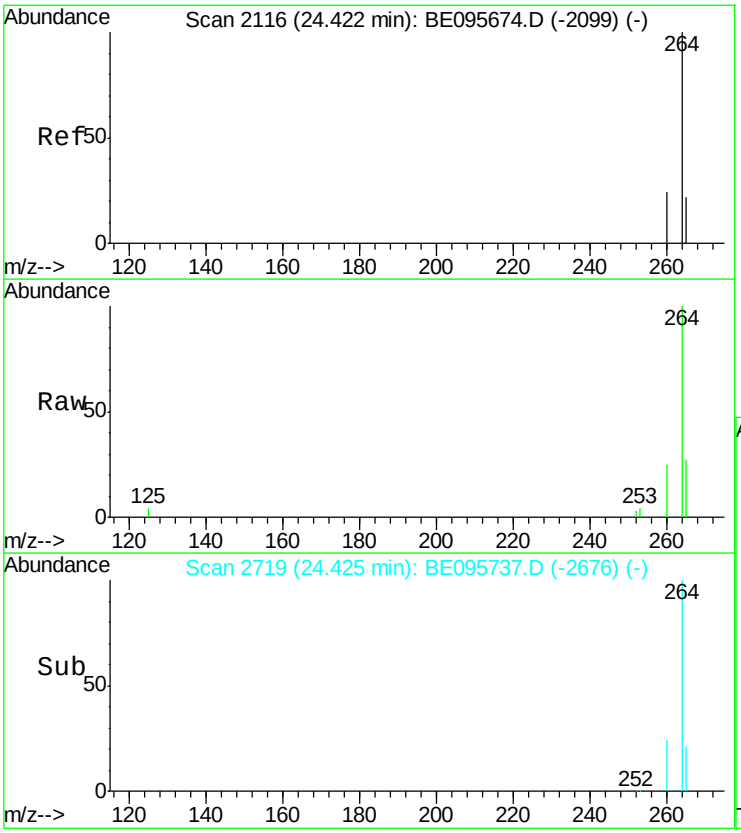
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.961 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Instrument :
BNA_E
ClientSampleId :
C19013071

Tgt Ion:149 Resp: 39240

Ion	Ratio	Lower	Upper
149	100		
167	7.1	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. 0.00 min
Lab File: BE095737.D
Acq: 12 Mar 2018 19:18

Tgt Ion:264 Resp: 6726

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.4	22.8	34.2