Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096814.D
Acq On : 18 Jun 2018 18:33
Operator : SJ/JU
Sample : J3467-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-05-061118

Quant Time: Jun 18 19:30:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3209	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	16325	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	10343	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	23443	0.40	ng		0.00
27) Chrysene-d12	20.98	240	24234	0.40	ng		0.00
34) Perylene-d12	23.21	264	21376	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	2958	0.42	ng		0.00
5) Phenol-d6	6.59	99	1704	0.16	ng		0.00
8) Nitrobenzene-d5	8.53	82	4113	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	9484	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	1583	0.66	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	21612	0.51	ng		0.00
25) Fluoranthene-d10	18.82	212	107118	0.47	ng		0.00
29) Terphenyl-d14	19.44	244	30042	0.55	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.21	128	13572753	84.615	ng		100
12) 2-Methylnaphthalene	11.81	142	688694	25.603	ng		99
17) Acenaphthene	14.08	154	2866	0.087	ng	#	80
18) Fluorene	15.07	166	7981	0.206	ng	#	81
22) Pentachlorophenol	16.44	266	130	0.138	ng		83
23) Phenanthrene	16.81	178	3629	0.057	ng	#	87
32) Bis(2-ethylhexyl)phthalate	20.93	149	13172	0.298	ng		100
38) Dibenzo(a,h)anthracene	25.53	278	506	0.085	ng	#	40

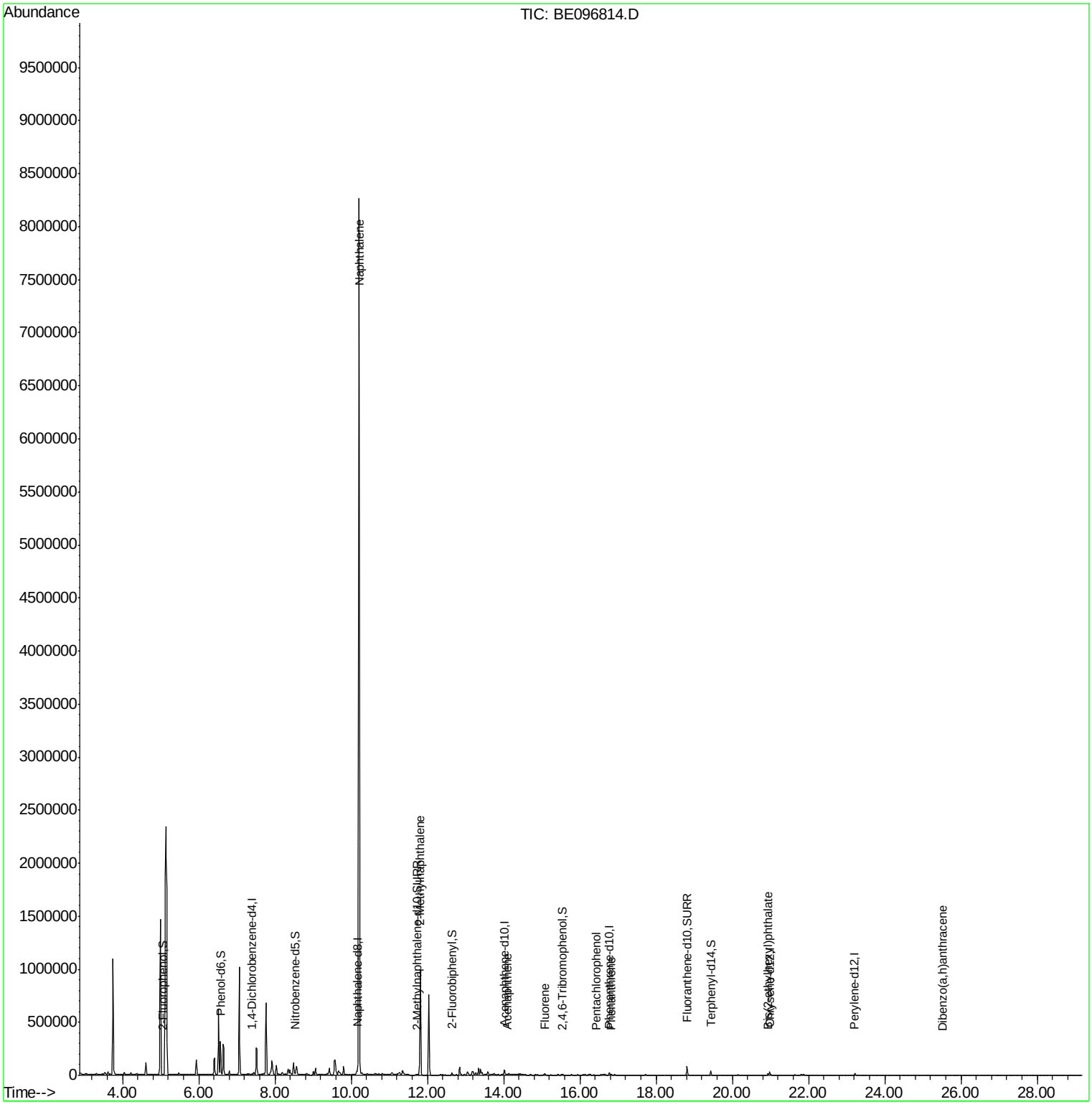
(#) = qualifier out of range (m) = manual integration (+) = signals summed

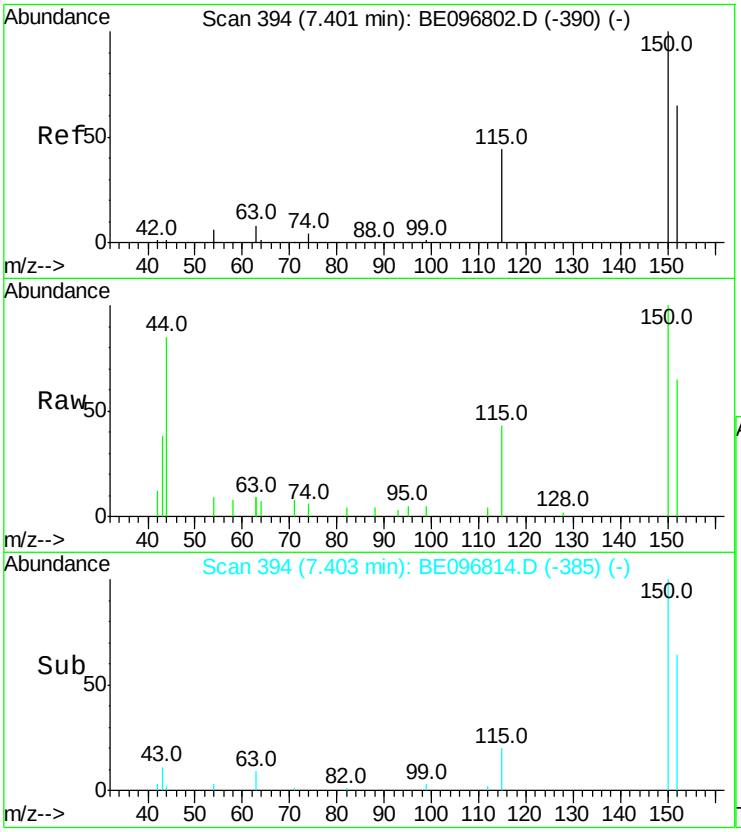
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096814.D
Acq On : 18 Jun 2018 18:33
Operator : SJ/JU
Sample : J3467-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Quant Time: Jun 18 19:30:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration



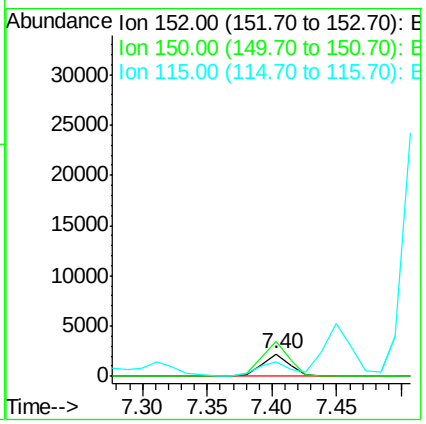


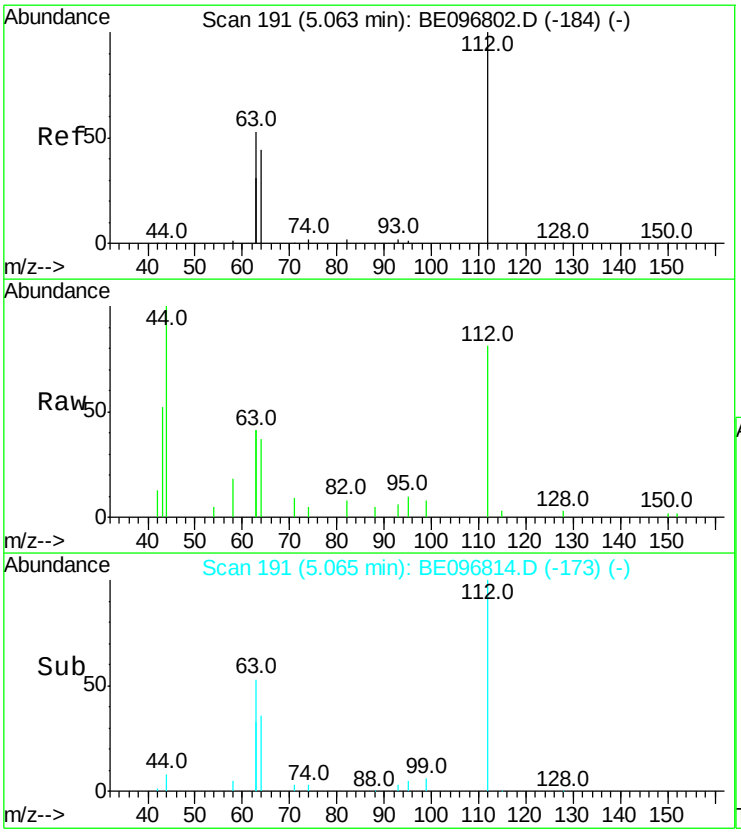
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:152 Resp: 3209

Ion	Ratio	Lower	Upper
152	100		
150	154.6	117.2	175.8
115	66.7	57.0	85.6

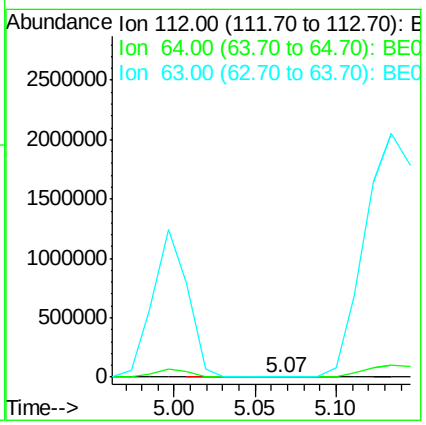


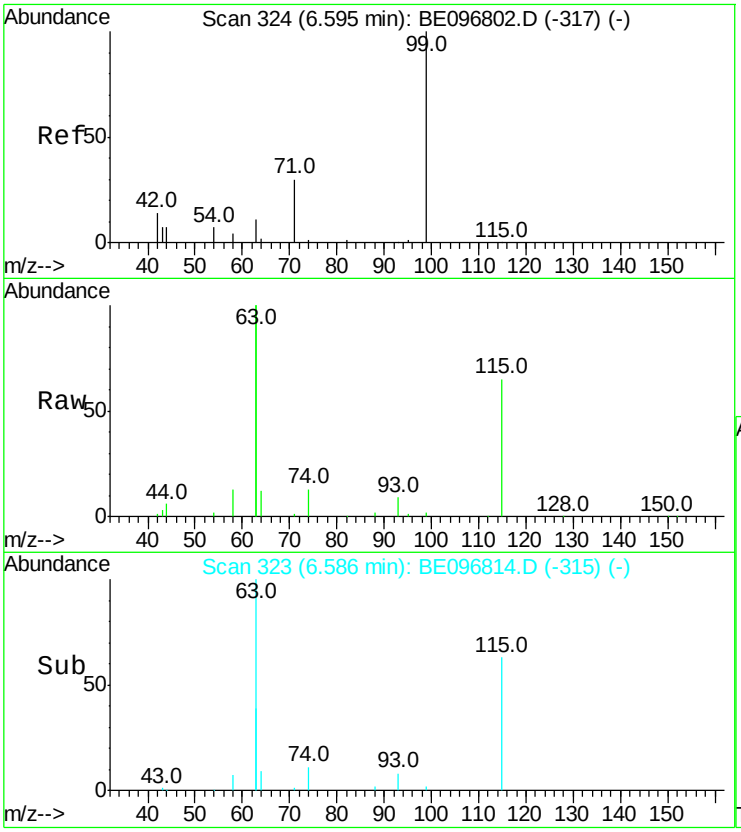


#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:112 Resp: 2958

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#



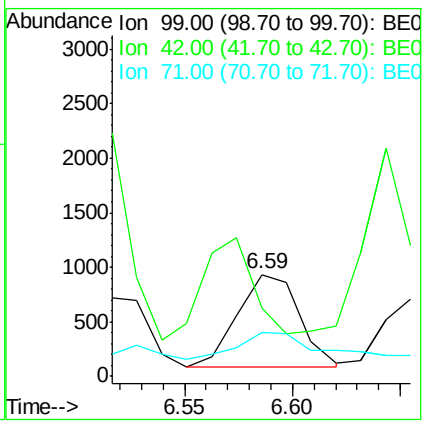


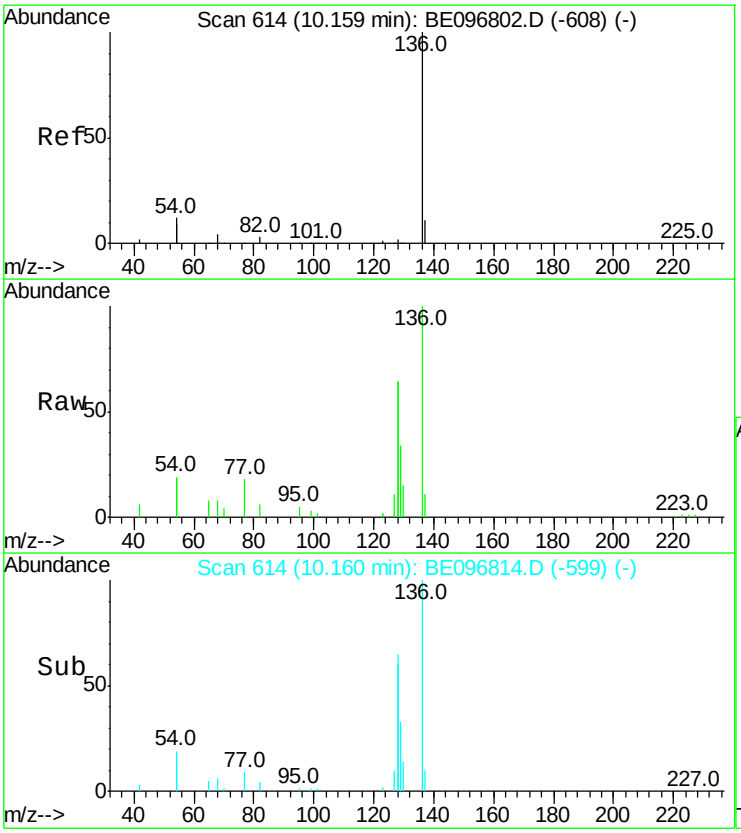
#5
Phenol-d6
Concen: 0.162 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion: 99 Resp: 1704

Ion	Ratio	Lower	Upper
99	100		
42	90.6	20.2	30.2#
71	35.9	28.4	42.6

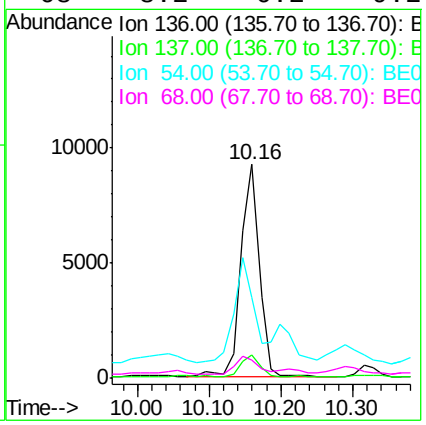


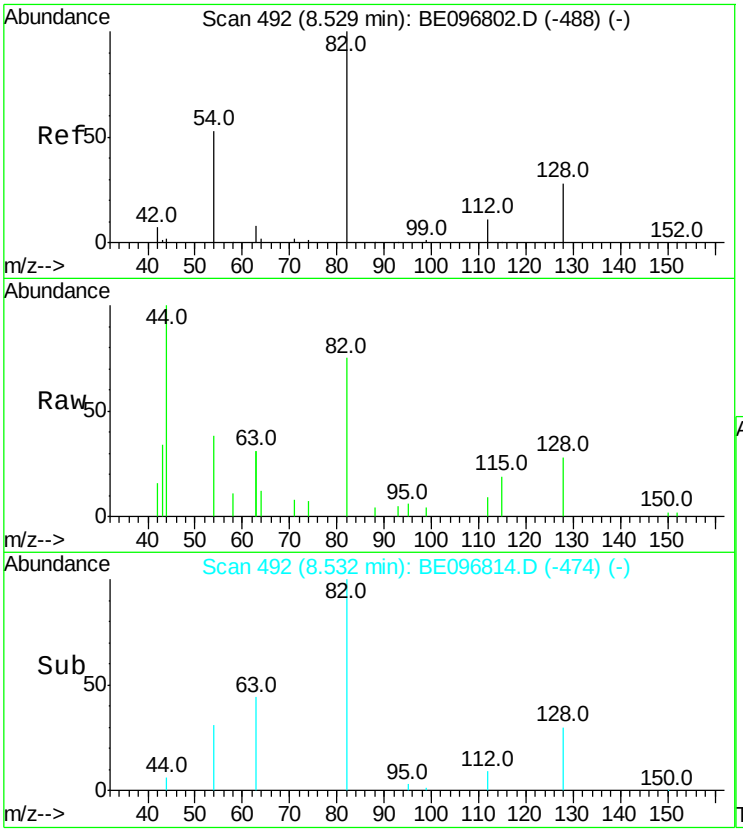


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:136 Resp: 16325

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	37.5	29.1	43.7
68	8.2	6.2	9.2



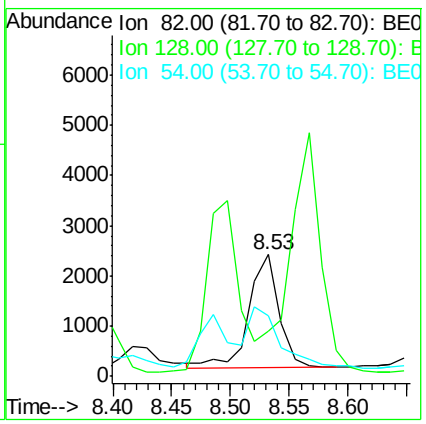


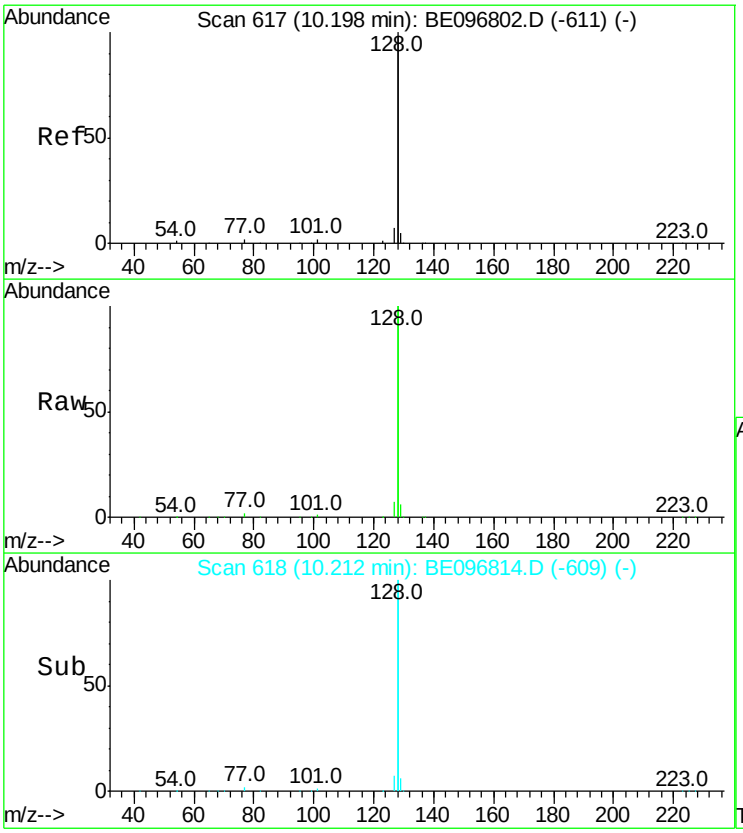
#8
Nitrobenzene-d5
Concen: 0.453 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion: 82 Resp: 4113

Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.0	36.0#
54	50.2	40.0	60.0

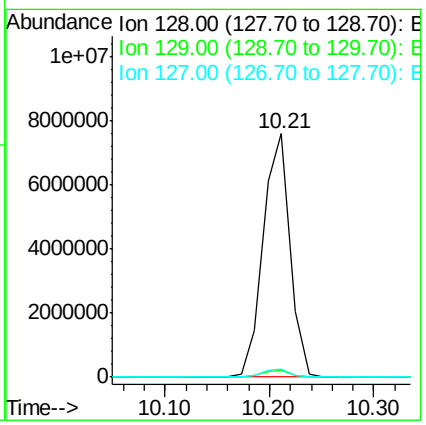


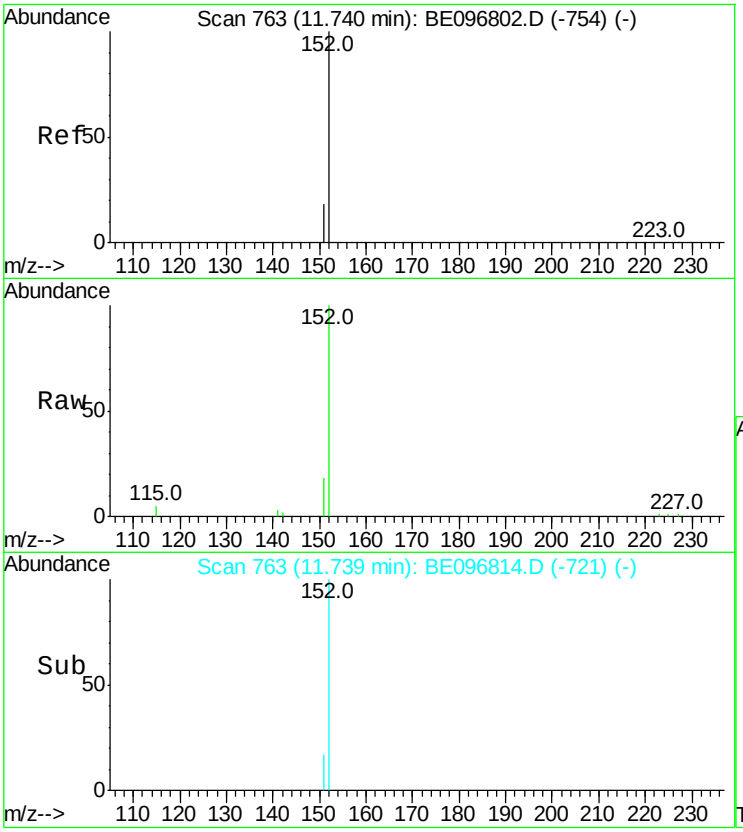


#9
Naphthalene
Concen: 84.615 ng
RT: 10.21 min Scan# 618
Delta R.T. 0.01 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:128 Resp:13572753

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.4	2.8	4.2



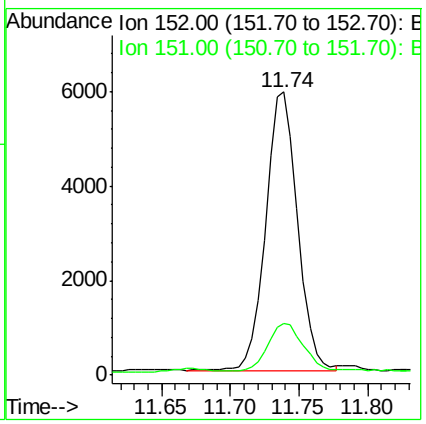


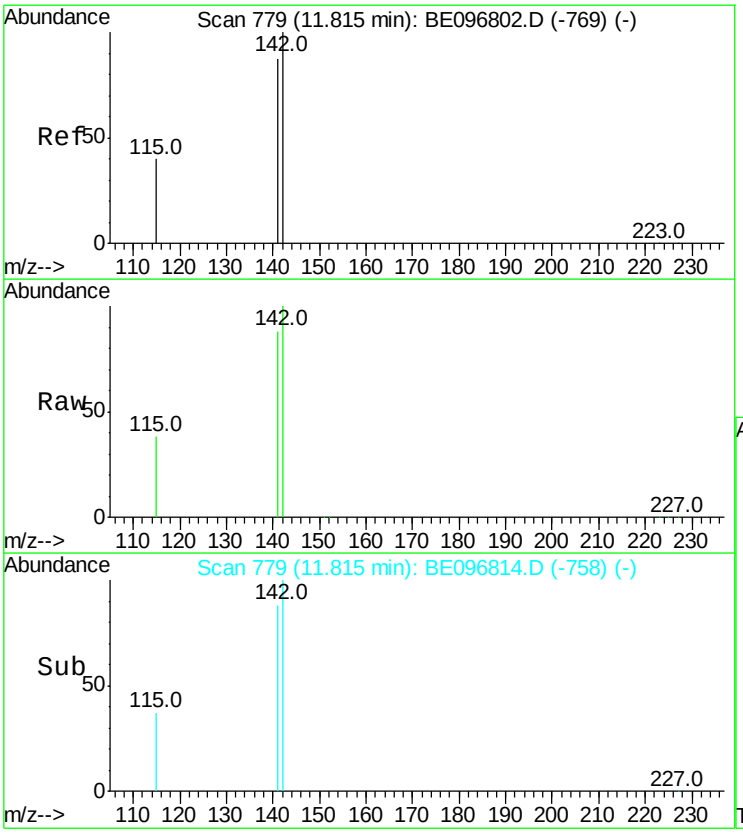
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.74 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:152 Resp: 9484

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

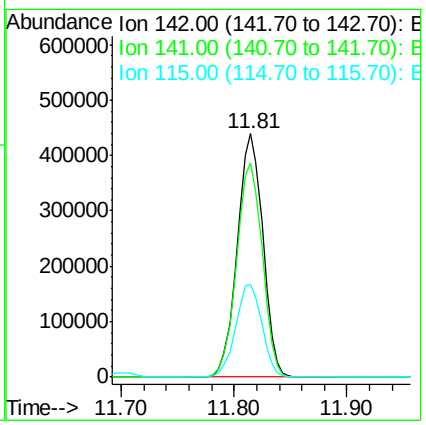


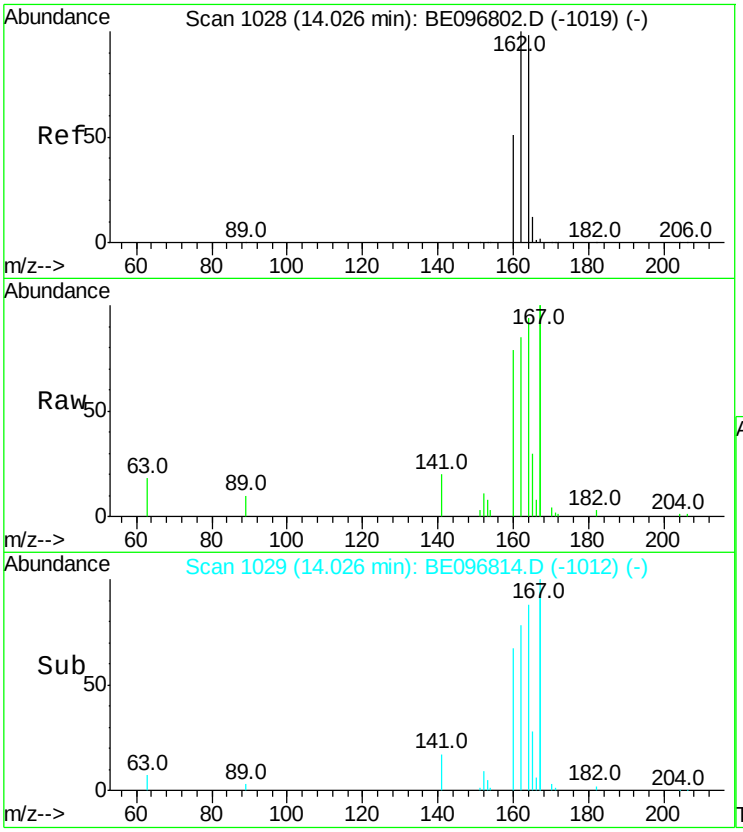


#12
2-Methylnaphthalene
Concen: 25.603 ng
RT: 11.81 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:142 Resp: 688694

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	38.2	31.7	47.5



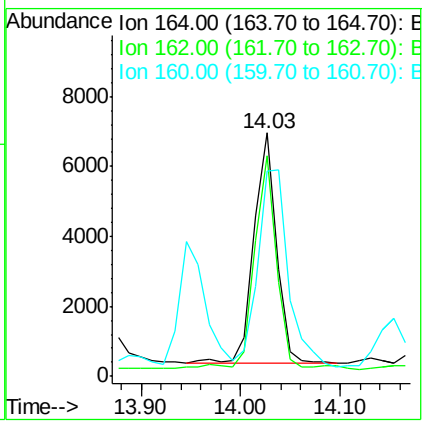


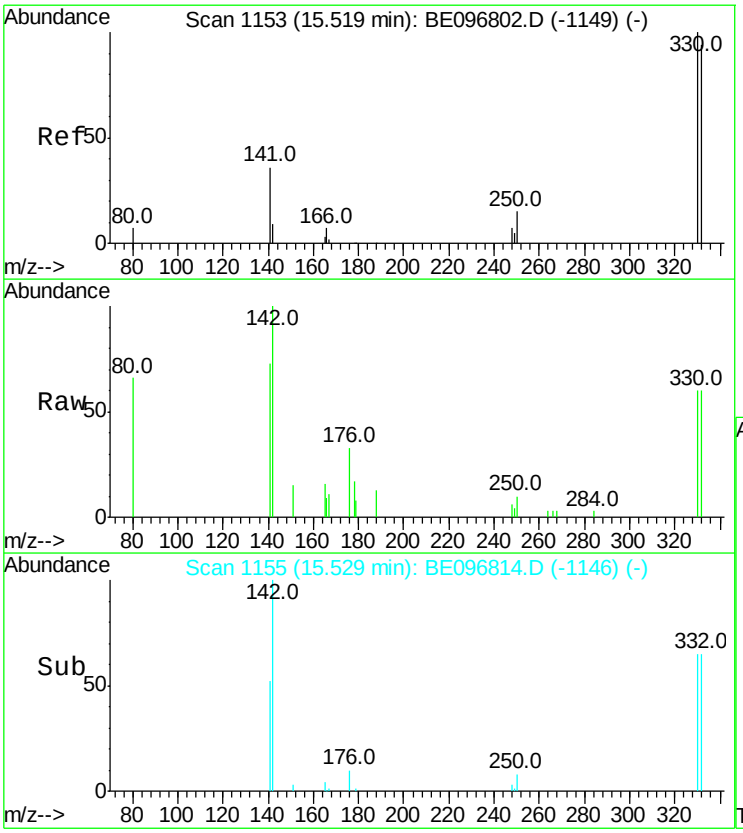
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:164 Resp: 10343

Ion	Ratio	Lower	Upper
164	100		
162	90.5	83.1	124.7
160	84.0	37.1	55.7#

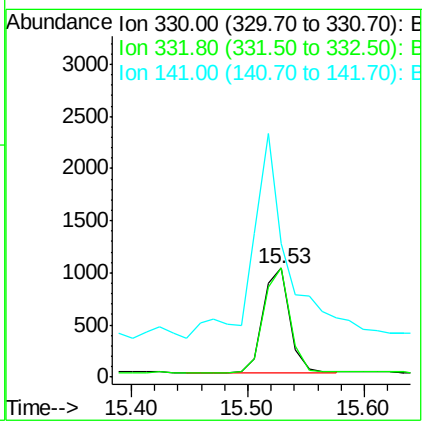


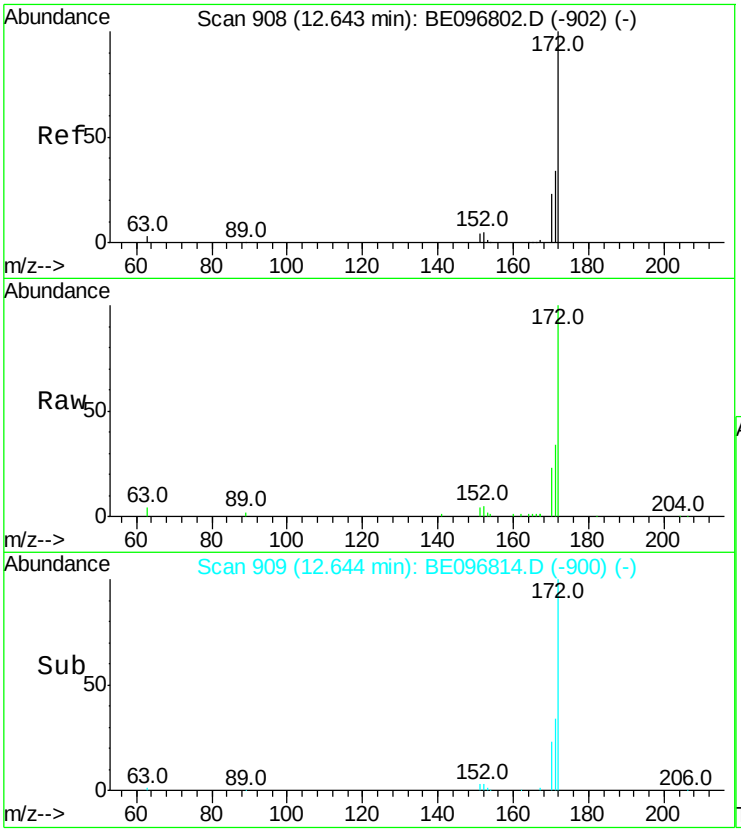


#14
2,4,6-Tribromophenol
Concen: 0.658 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:330 Resp: 1583

Ion	Ratio	Lower	Upper
330	100		
332	99.8	152.7	229.1#
141	251.4	33.7	50.5#



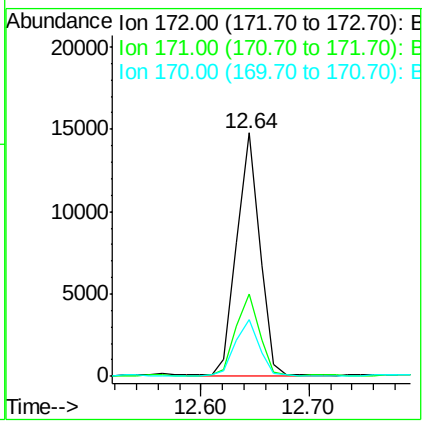


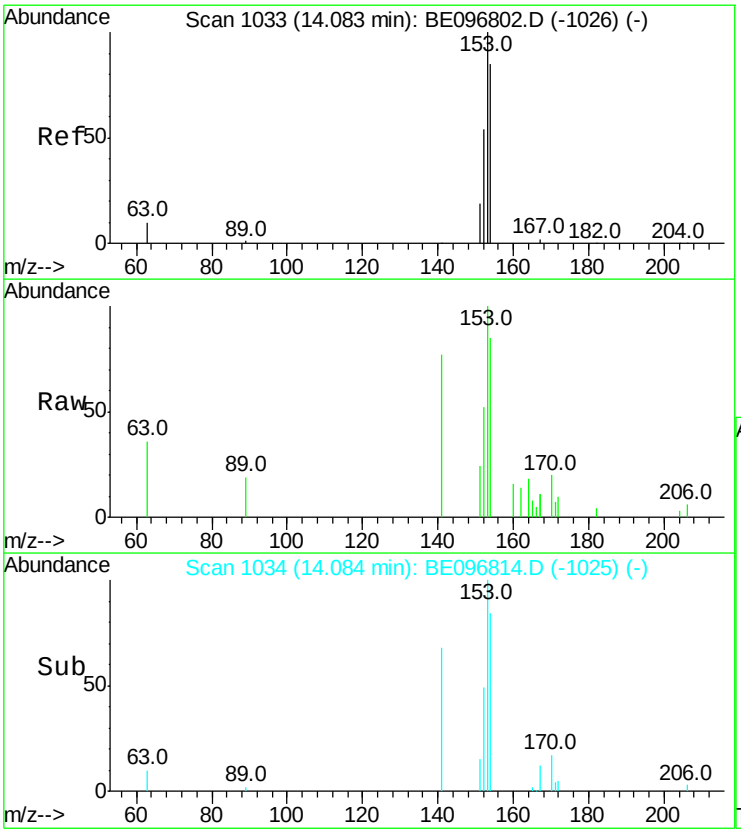
#15
2-Fluorobiphenyl
Concen: 0.508 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:172 Resp: 21612

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.9	44.9
170	23.1	21.8	32.8

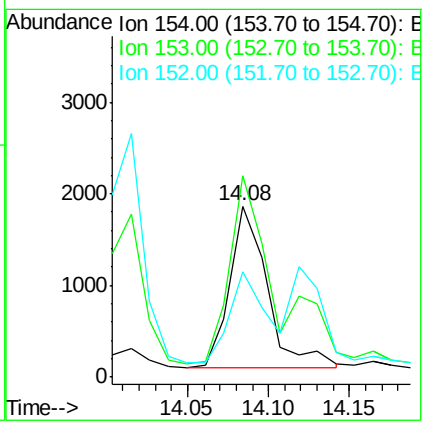


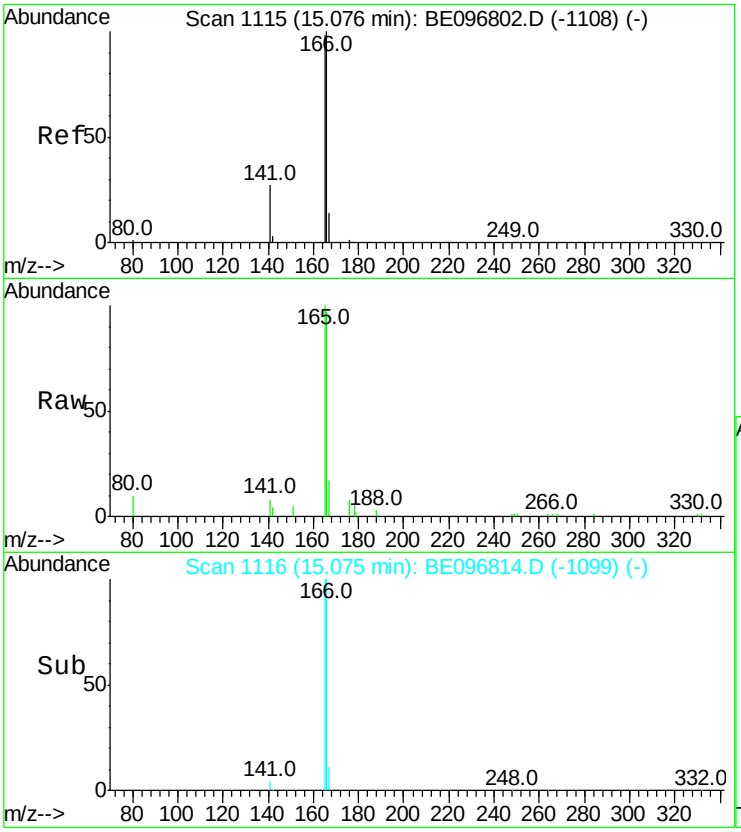


#17
Acenaphthene
Concen: 0.087 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:154 Resp: 2866

Ion	Ratio	Lower	Upper
154	100		
153	142.0	89.2	133.8#
152	53.9	42.0	63.0



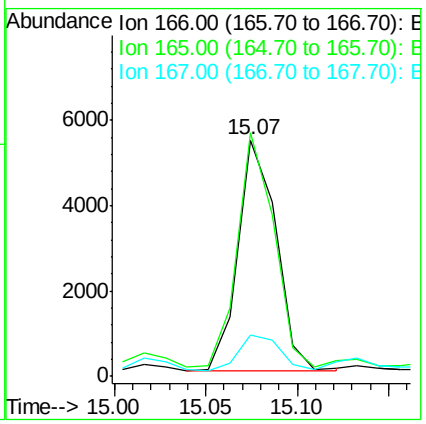


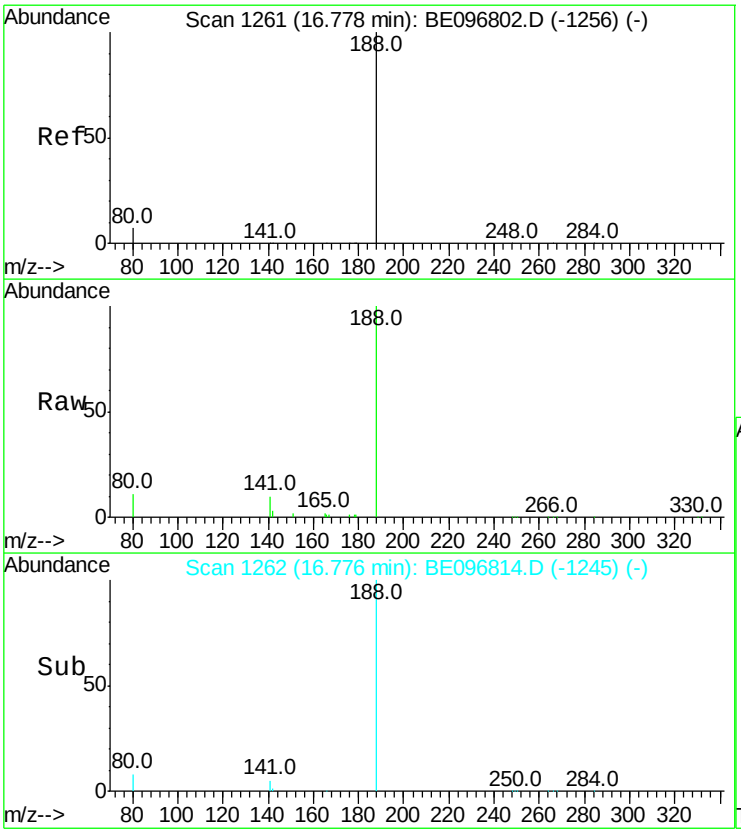
#18
Fluorene
Concen: 0.206 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:166 Resp: 7981

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.8	116.6
167	16.2	42.4	63.6#

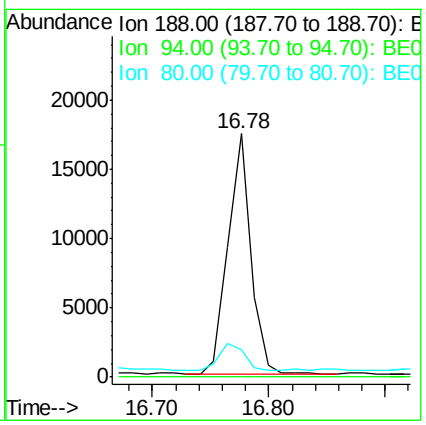


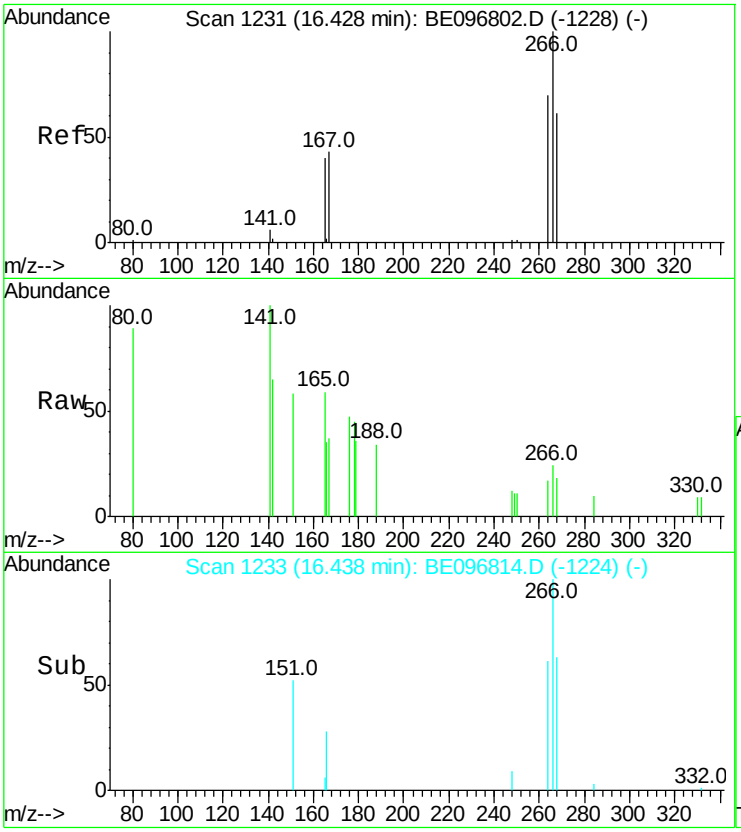


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:188 Resp: 23443

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.2	3.6	5.4#



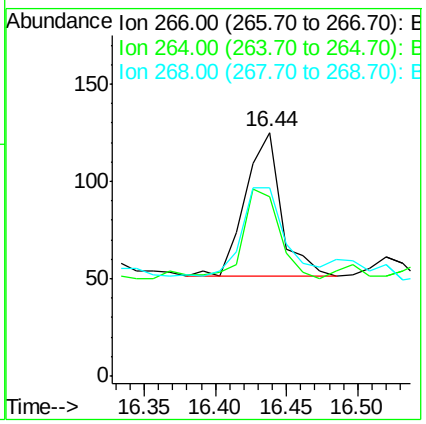


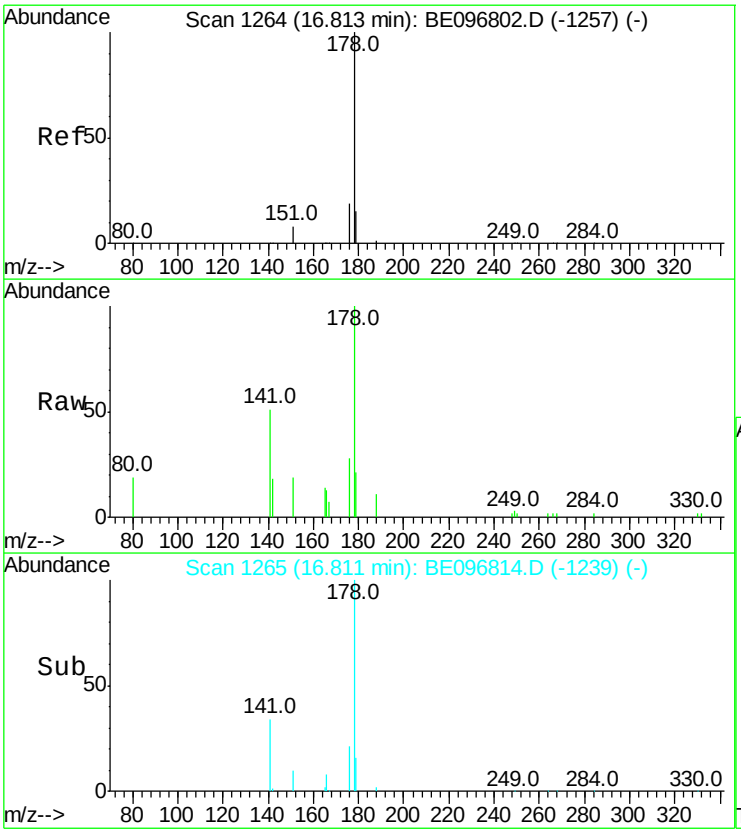
#22
Pentachlorophenol
Concen: 0.138 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:266 Resp: 130

Ion	Ratio	Lower	Upper
266	100		
264	73.6	72.5	108.7
268	77.6	73.8	110.6

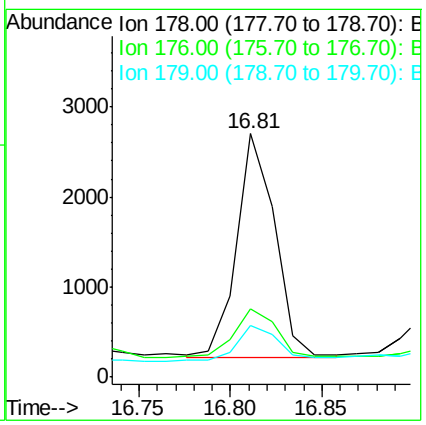


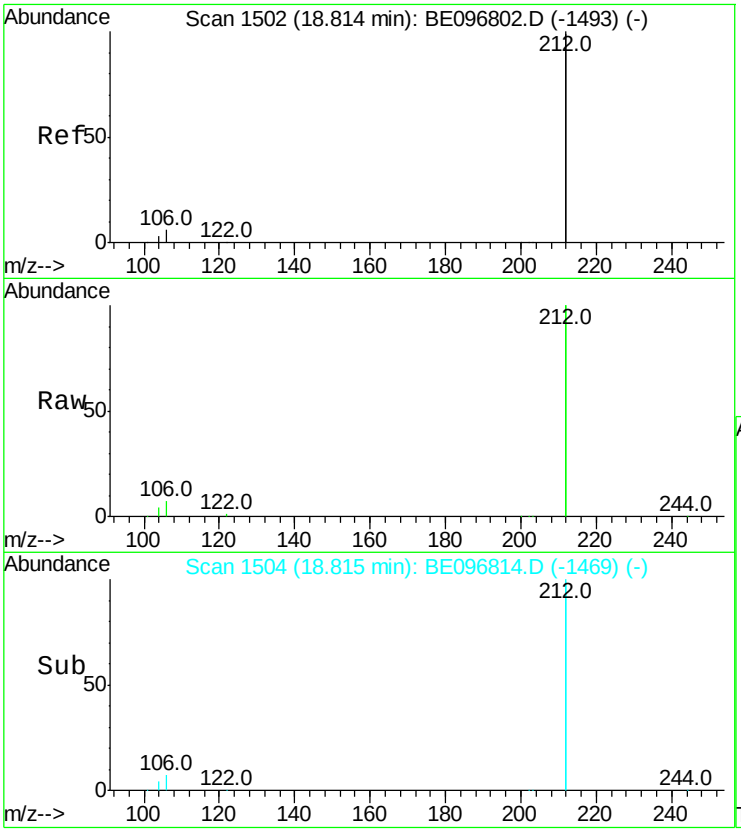


#23
Phenanthrene
Concen: 0.057 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:178 Resp: 3629

Ion	Ratio	Lower	Upper
178	100		
176	24.4	15.1	22.7#
179	20.0	11.8	17.6#



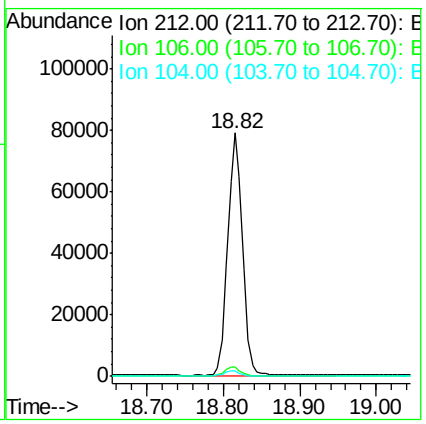


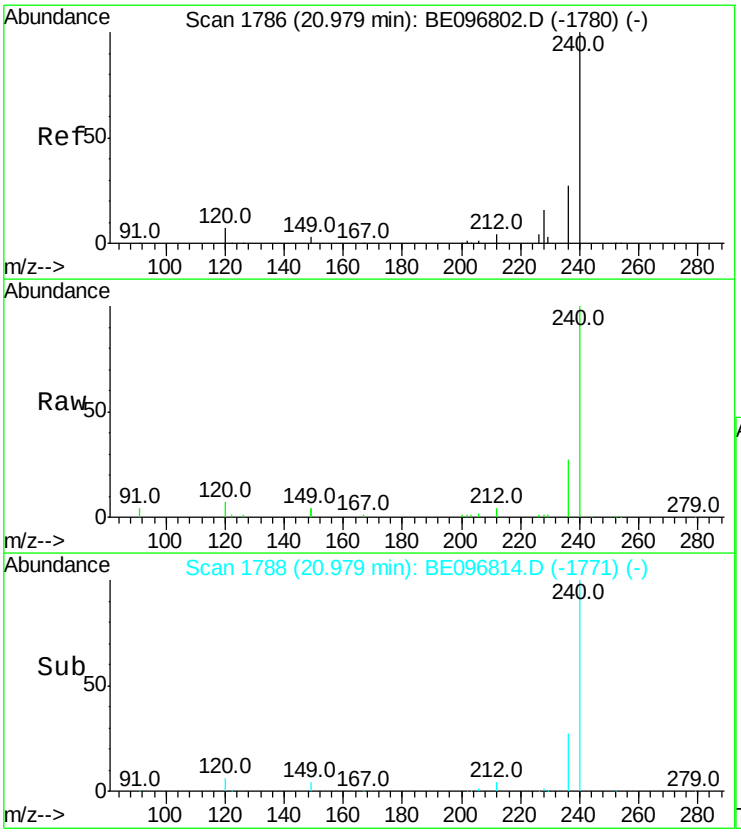
#25
Fluoranthene-d10
Concen: 0.467 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:212 Resp: 107118

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	2.0	1.6	2.4

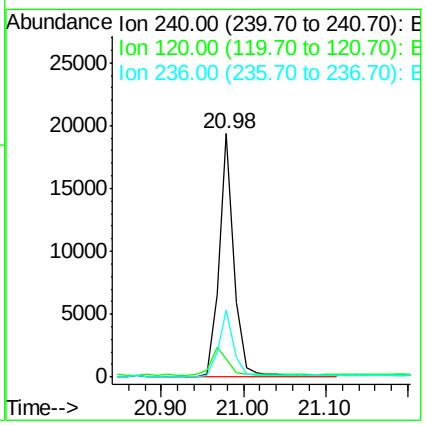


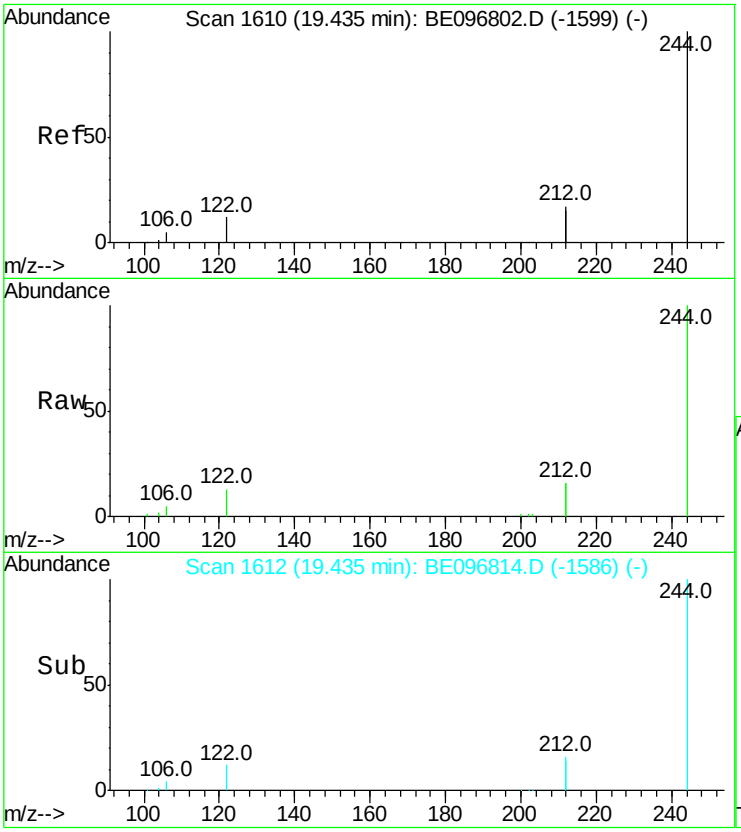


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:240 Resp: 24234

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	27.3	20.7	31.1



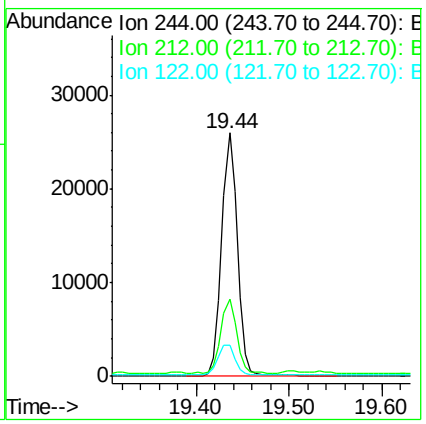


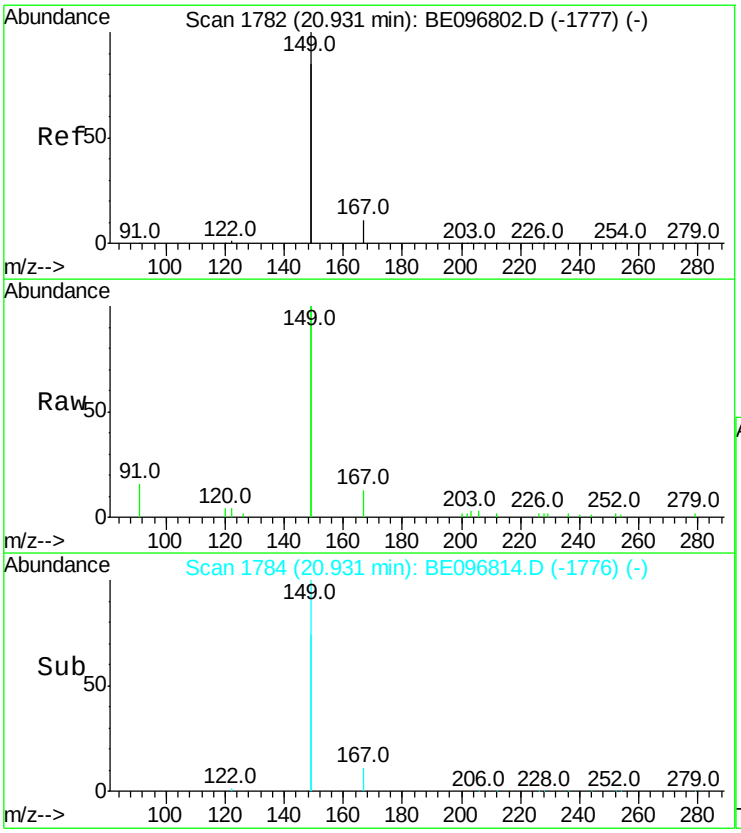
#29
Terphenyl-d14
Concen: 0.547 ng
RT: 19.44 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:244 Resp: 30042

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.4	38.0
122	12.6	8.1	12.1#

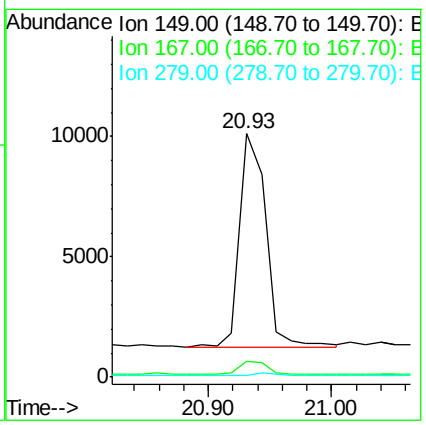


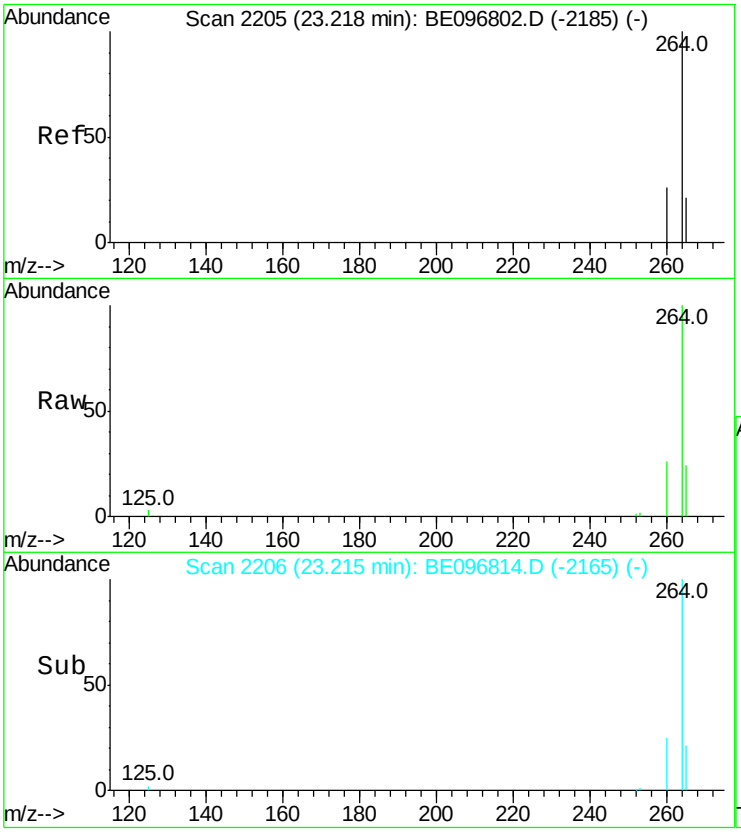


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.298 ng
RT: 20.93 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:149 Resp: 13172

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



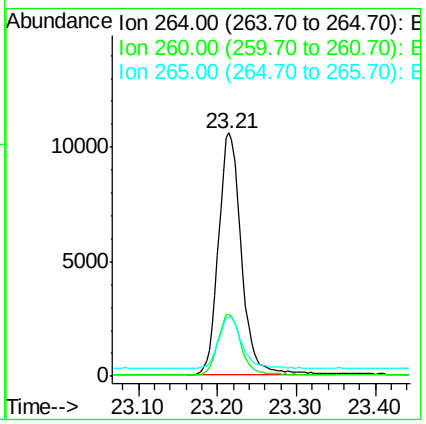


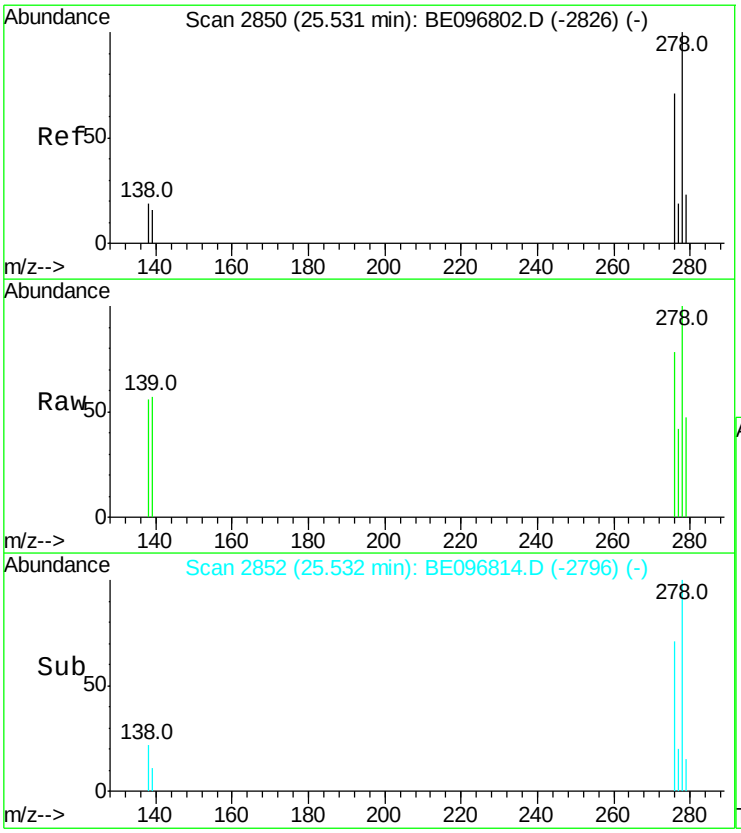
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-061118

Tgt Ion:264 Resp: 21376

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	24.2	22.8	34.2





#38
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE096814.D
Acq: 18 Jun 2018 18:33

Tgt Ion:278 Resp: 506

Ion	Ratio	Lower	Upper
278	100		
139	57.0	16.0	24.0#
279	46.5	20.0	30.0#