Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022718\
Data File : BE095698.D
Acq On : 27 Feb 2018 11:48
Operator : SJ/JU
Sample : J1642-01DL 25X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 27 12:37:46 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	8.42	152	1285	0.40	ng		-0.01
7) Naphthalene-d8	11.26	136	5234	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	3046	0.40	ng		0.00
19) Phenanthrene-d10	17.70	188	6655	0.40	ng		0.00
27) Chrysene-d12	21.79	240	6536	0.40	ng		0.00
34) Perylene-d12	24.42	264	6070	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	24	0.01	ng		-0.01
5) Phenol-d6	7.55	99	14	0.00	ng		0.00
8) Nitrobenzene-d5	9.60	82	39	0.01	ng		-0.02
11) 2-Methylnaphthalene-d10	12.80	152	61	0.01	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	7	0.12	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	111	0.01	ng		0.00
25) Fluoranthene-d10	19.68	212	594	0.01	ng		0.00
29) Terphenyl-d14	20.25	244	114	0.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	128	0.063	ng	#	83
9) Naphthalene	11.31	128	10395	0.172	ng		99
12) 2-Methylnaphthalene	12.87	142	943	0.091	ng		95
17) Acenaphthene	15.06	154	18191	1.693	ng		93
18) Fluorene	16.02	166	12258	0.920	ng	#	80
22) Pentachlorophenol	17.37	266	51	0.211	ng		97
23) Phenanthrene	17.74	178	3608	0.173	ng		97
24) Anthracene	17.83	178	2420	0.127	ng	#	93
26) Fluoranthene	19.71	202	3153	0.123	ng		99
28) Pyrene	20.06	202	2168	0.081	ng		94

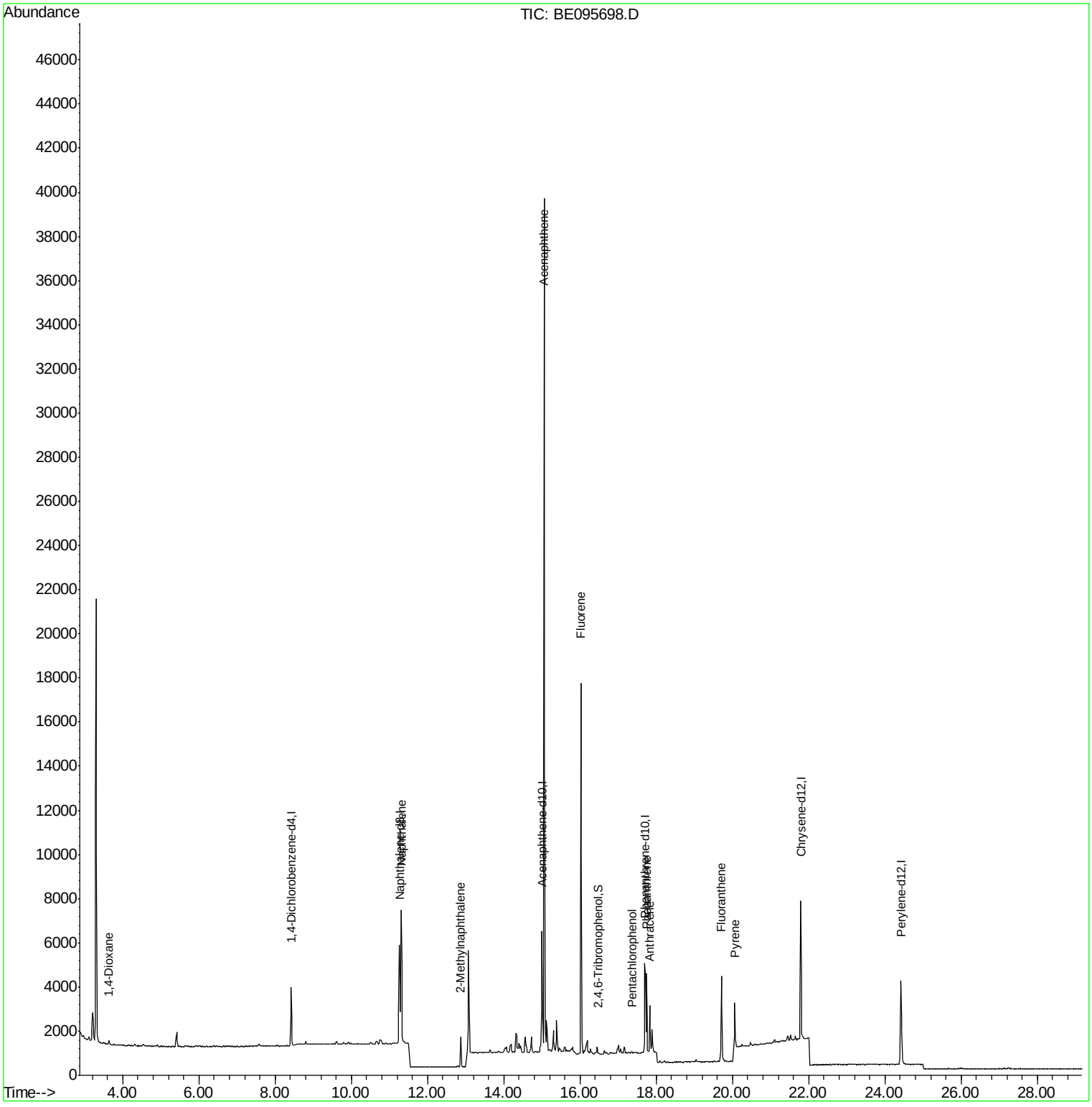
(#) = qualifier out of range (m) = manual integration (+) = signals summed

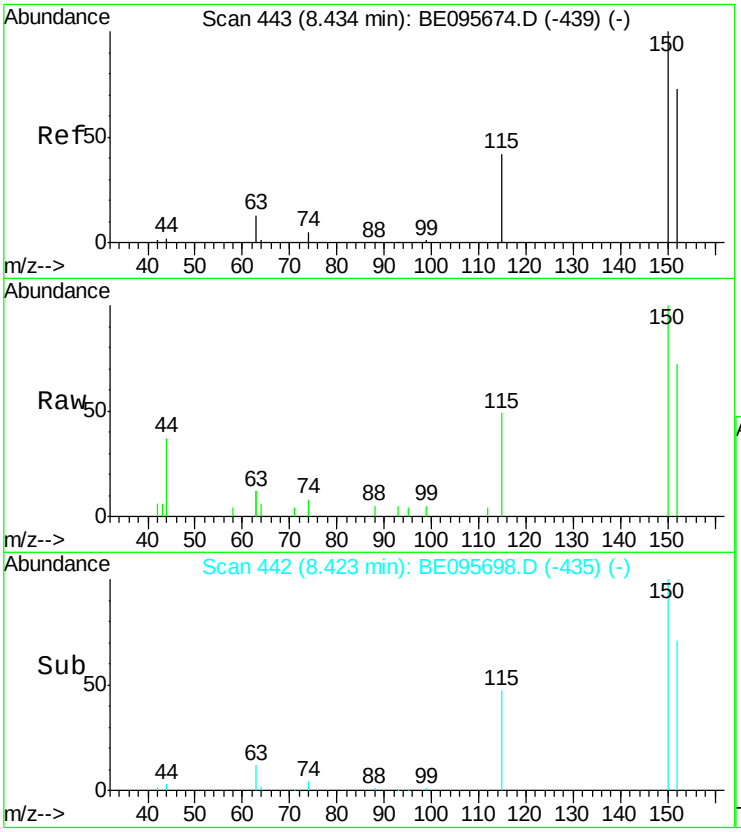
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022718\
Data File : BE095698.D
Acq On : 27 Feb 2018 11:48
Operator : SJ/JU
Sample : J1642-01DL 25X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 27 12:37:46 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



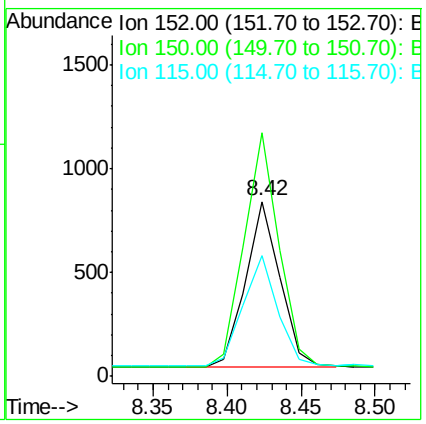


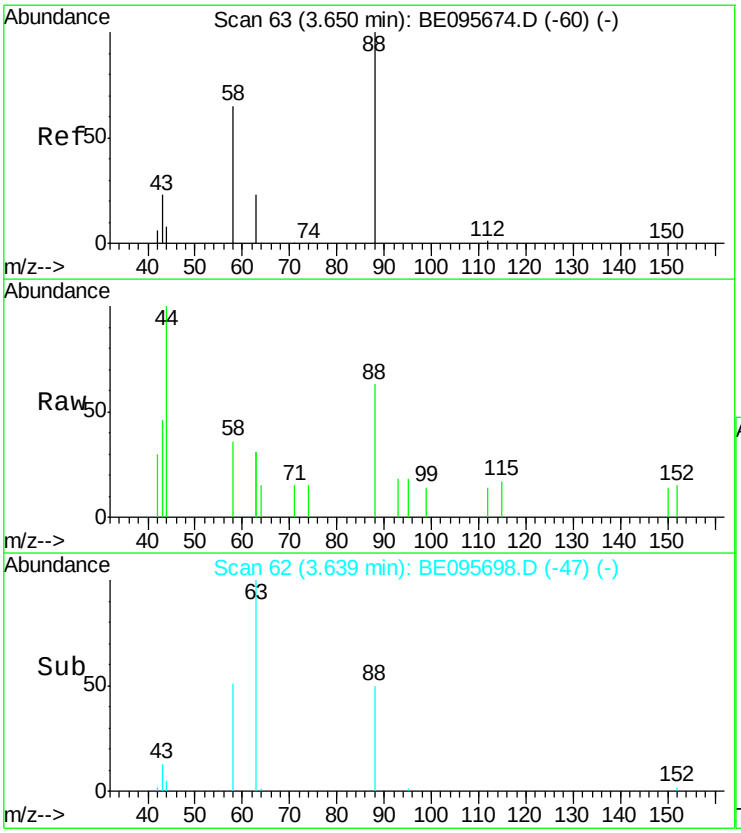
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1285

Ion	Ratio	Lower	Upper
152	100		
150	139.2	117.2	175.8
115	68.8	57.0	85.6

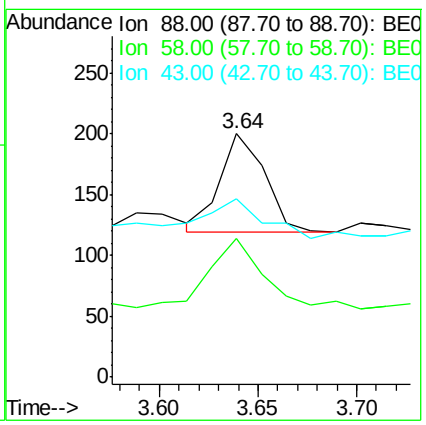


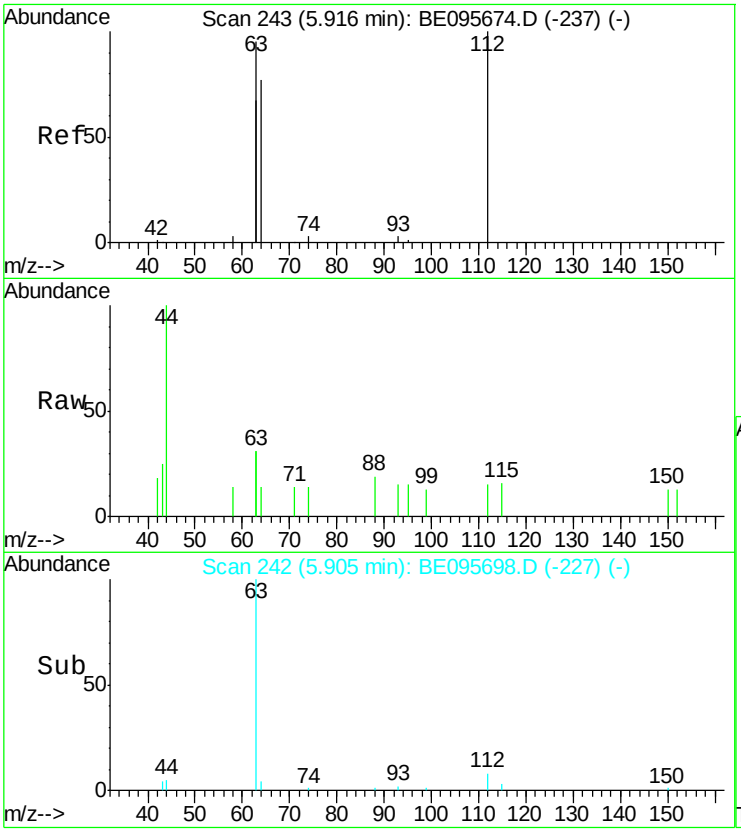


#2
1,4-Dioxane
Concen: 0.063 ng
RT: 3.64 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
58	93.0	63.2	94.8
43	64.1	41.2	61.8#



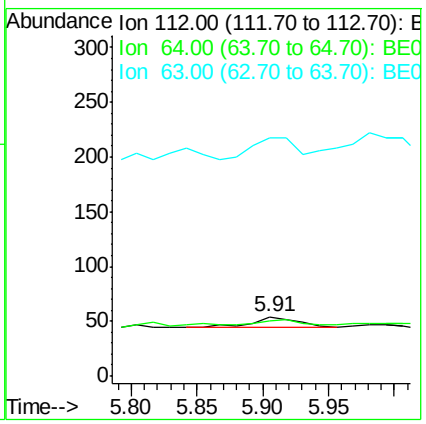


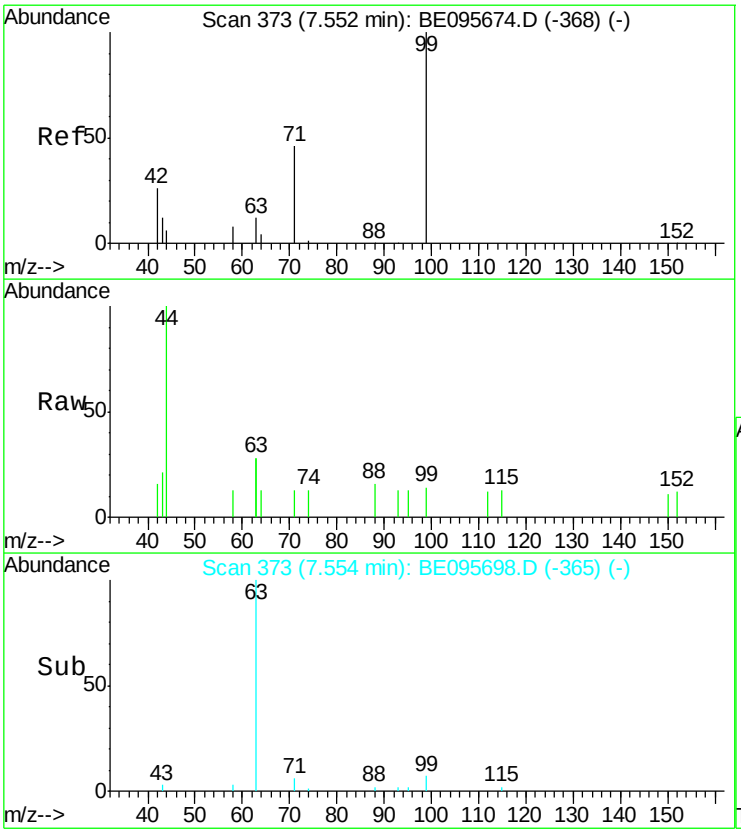
#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.91 min Scan# 242
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 24

Ion	Ratio	Lower	Upper
112	100		
64	45.8	60.1	90.1#
63	208.3	116.8	175.2#

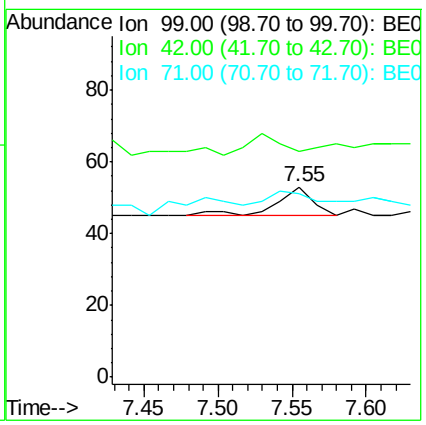


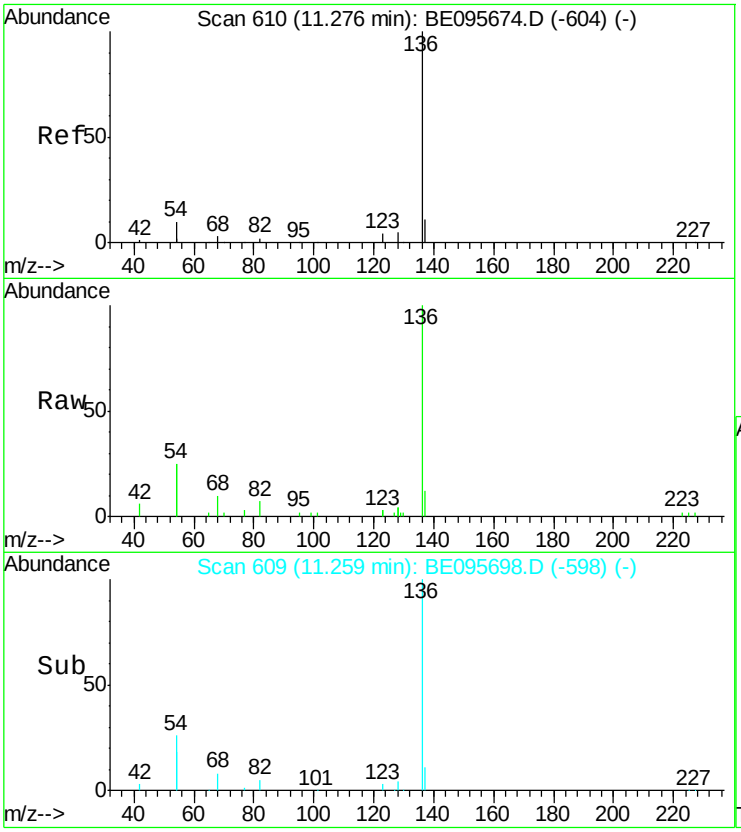


#5
Phenol-d6
Concen: 0.003 ng
RT: 7.55 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion: 99 Resp: 14

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	57.1	28.4	42.6#



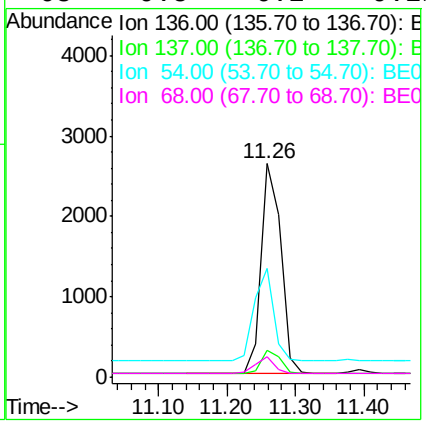


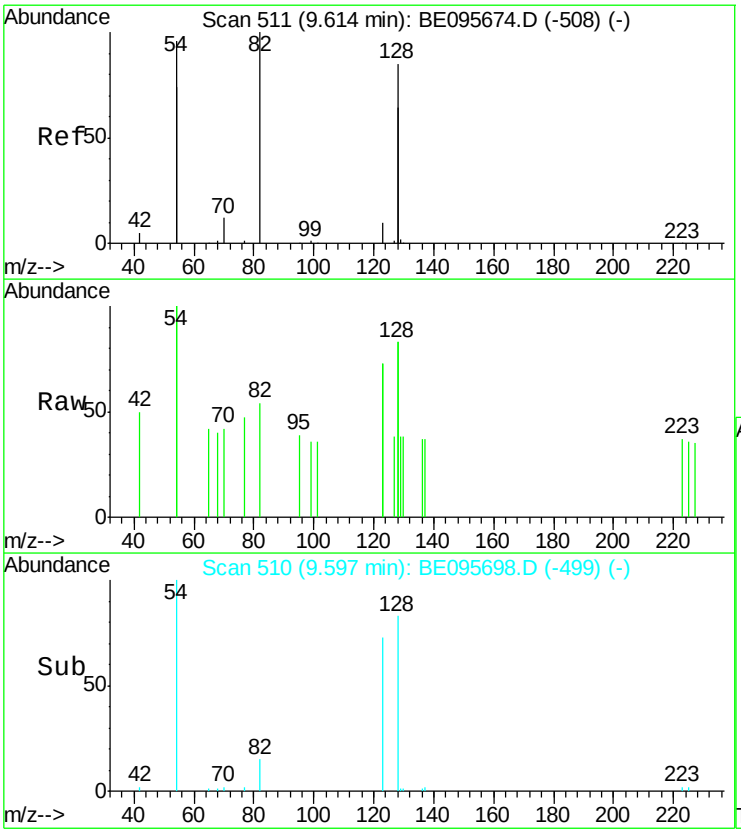
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5234

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	51.0	29.1	43.7#
68	9.5	6.2	9.2#

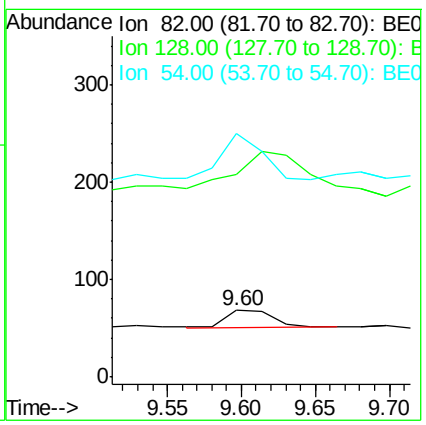


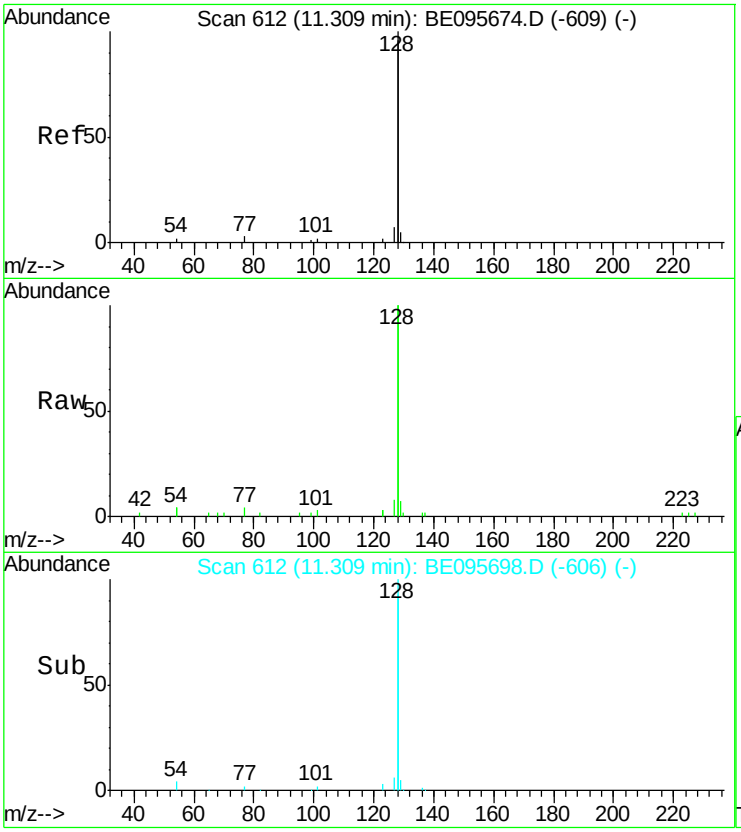


#8
Nitrobenzene-d5
Concen: 0.007 ng
RT: 9.60 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion: 82 Resp: 39

Ion	Ratio	Lower	Upper
82	100		
128	305.9	150.0	225.0#
54	367.6	154.2	231.4#



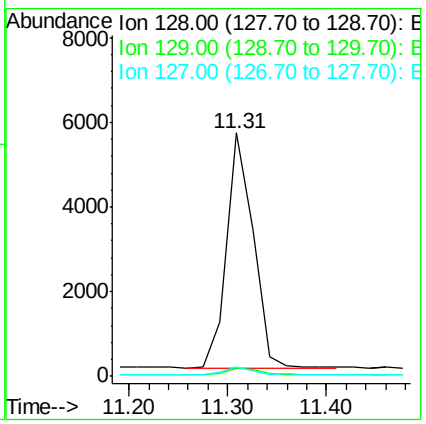


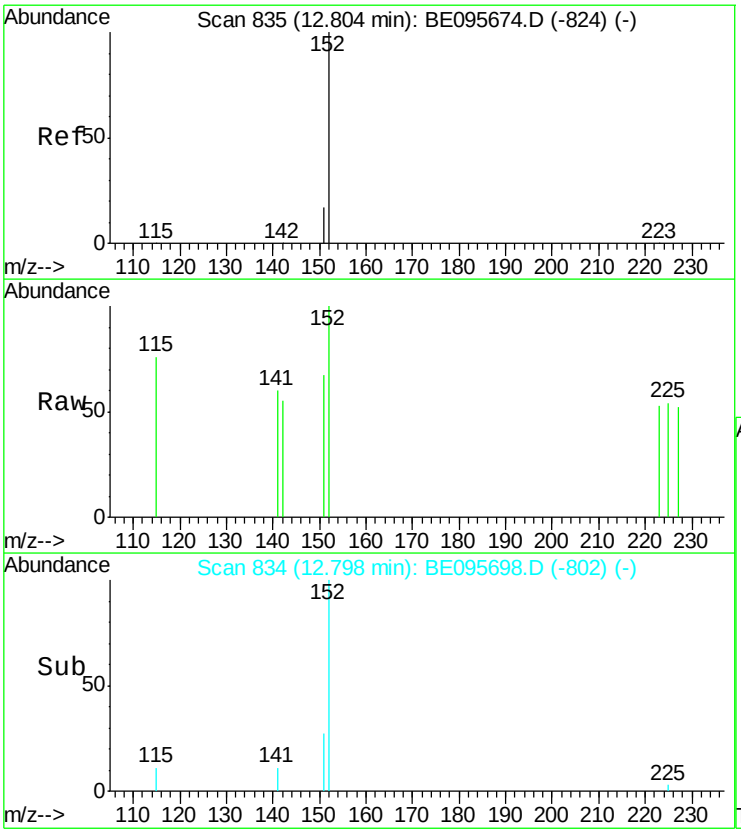
#9
Naphthalene
Concen: 0.172 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 10395

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	4.0	2.8	4.2

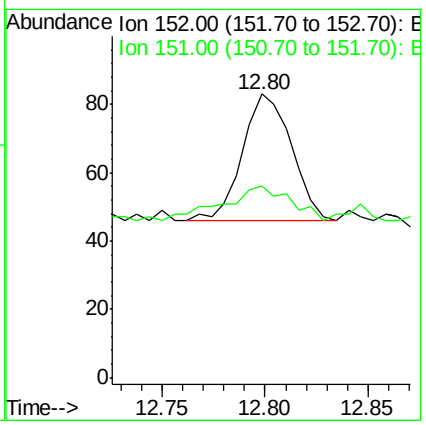


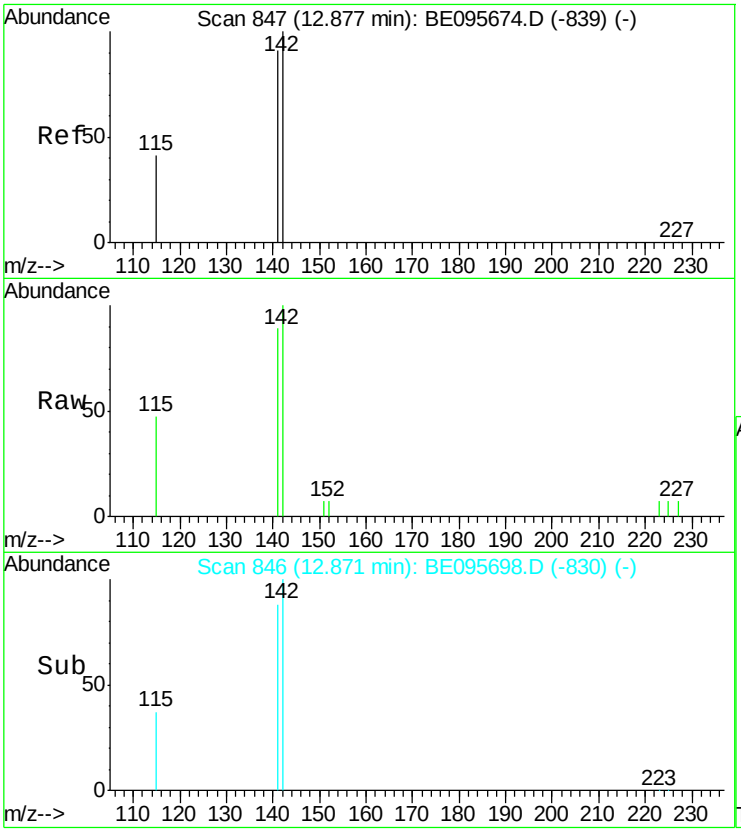


#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.80 min Scan# 834
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:152 Resp: 61

Ion	Ratio	Lower	Upper
152	100		
151	47.5	15.4	23.0#



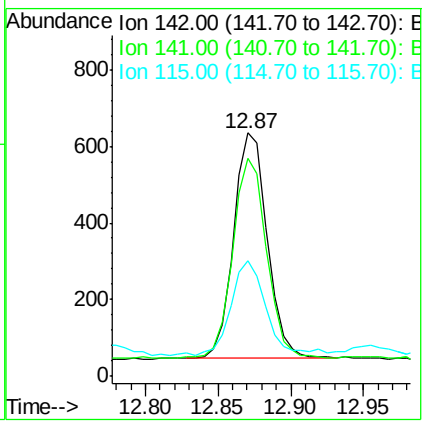


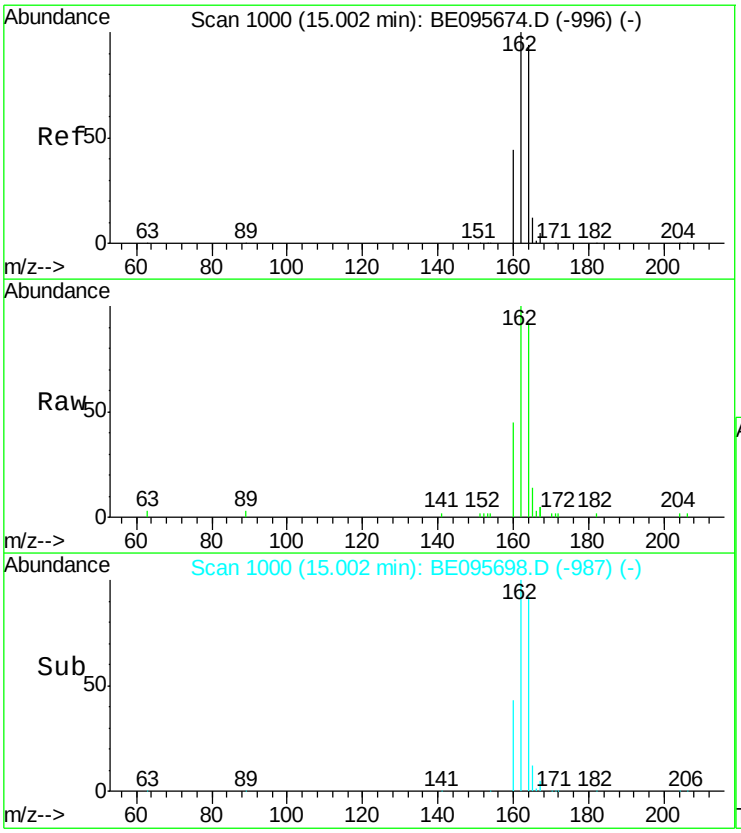
#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 12.87 min Scan# 846
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 943

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	47.2	31.7	47.5

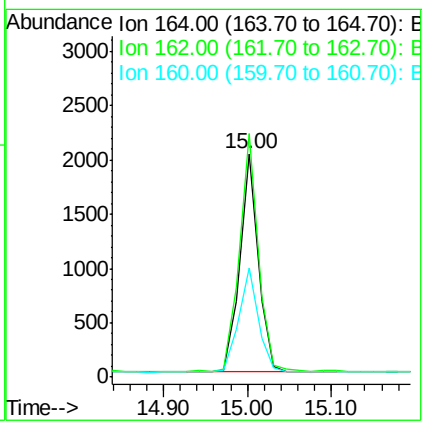


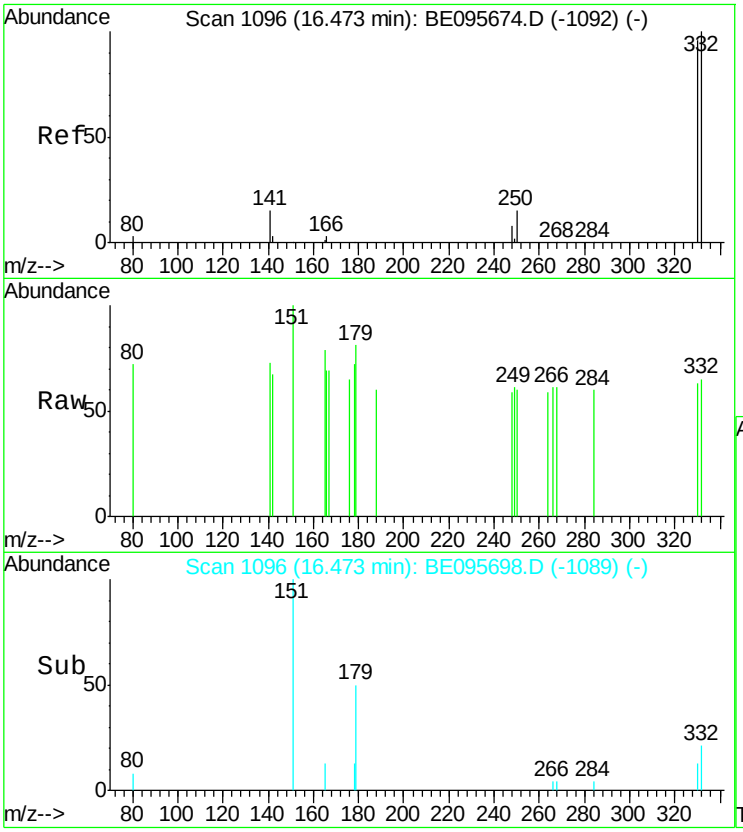


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:164 Resp: 3046

Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.1	124.7
160	48.6	37.1	55.7



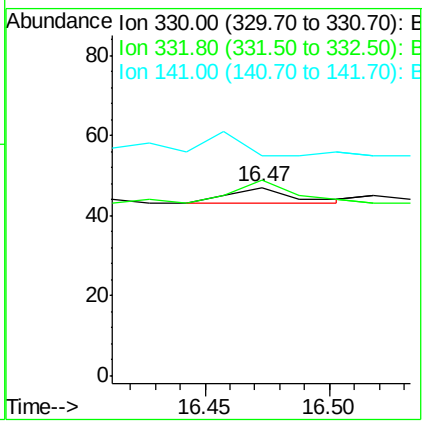


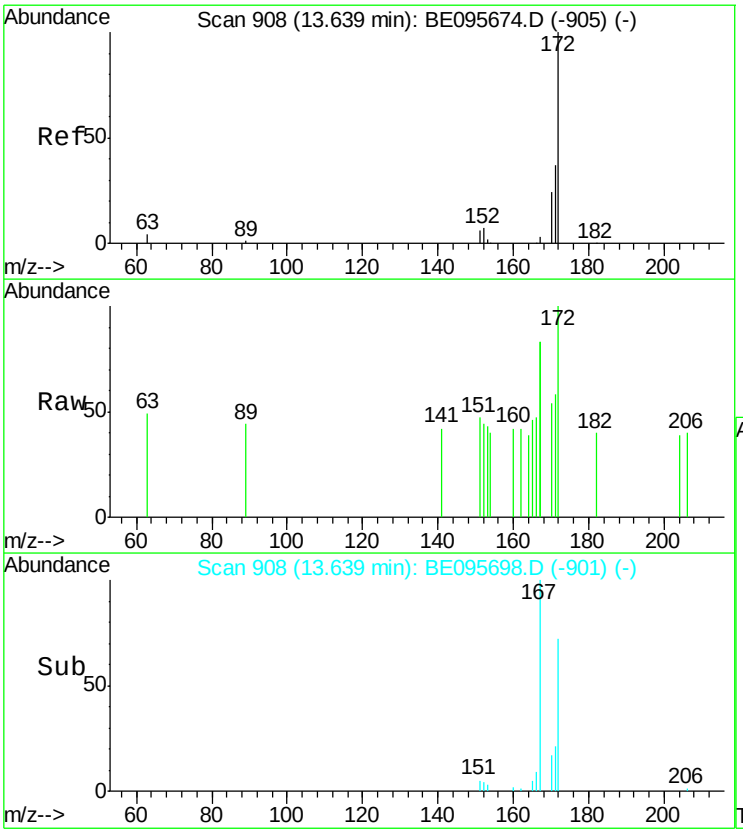
#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 16.47 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 7

Ion	Ratio	Lower	Upper
330	100		
332	157.1	152.7	229.1
141	0.0	33.7	50.5#

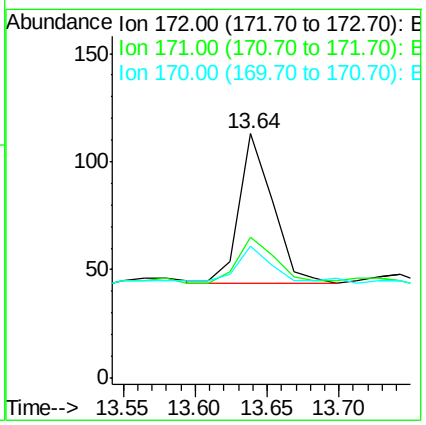


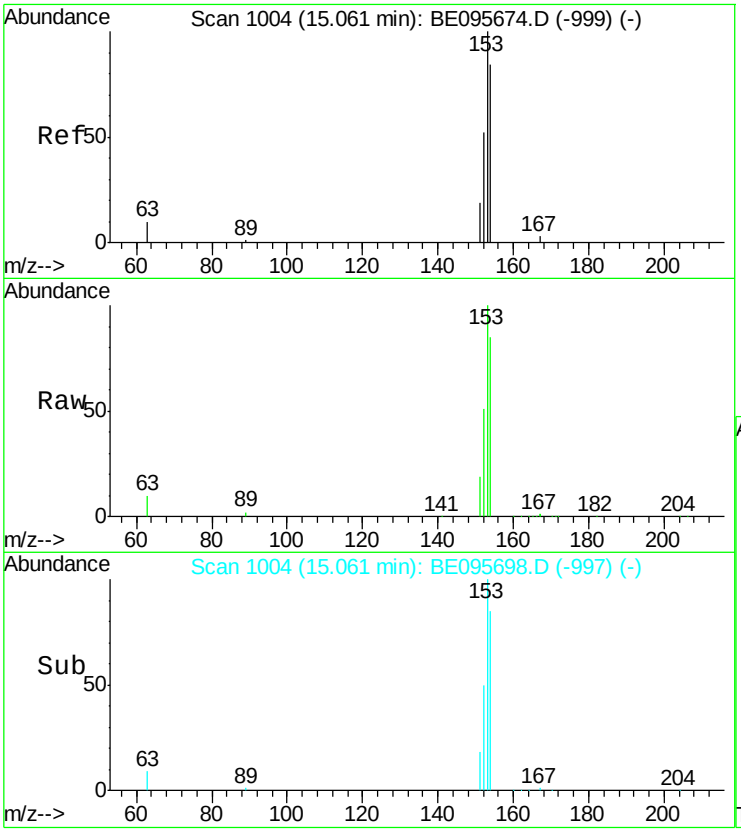


#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:172 Resp: 111

Ion	Ratio	Lower	Upper
172	100		
171	57.5	29.9	44.9#
170	54.0	21.8	32.8#



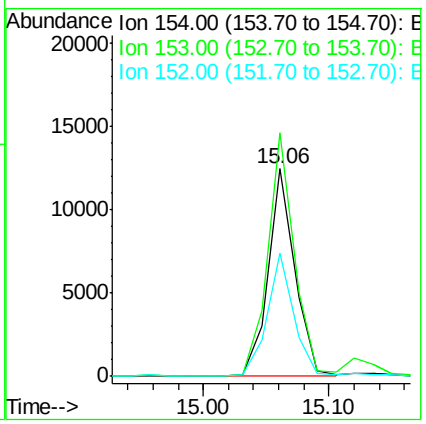


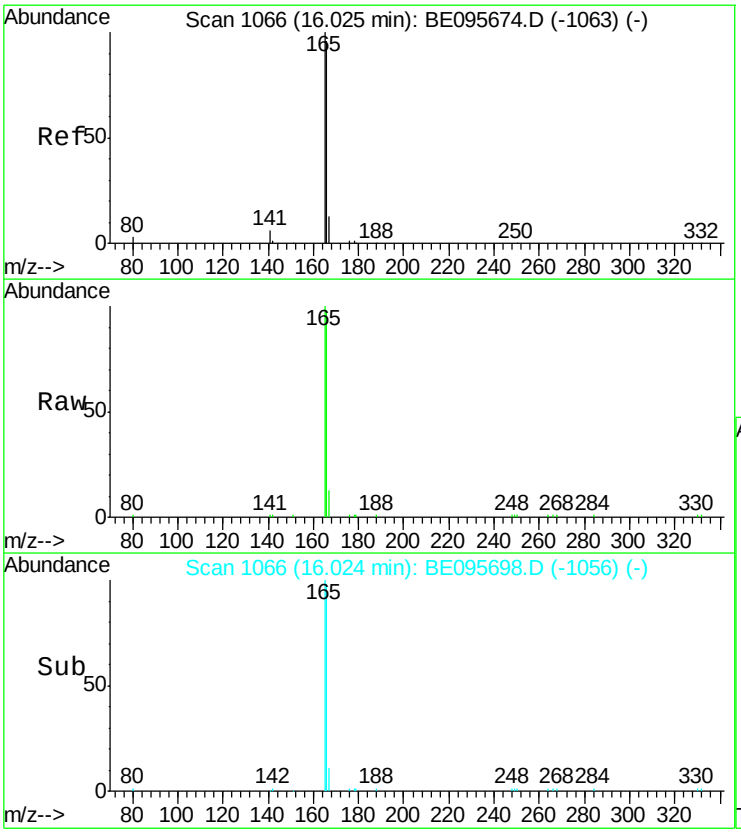
#17
Acenaphthene
Concen: 1.693 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18191

Ion	Ratio	Lower	Upper
154	100		
153	117.4	89.2	133.8
152	58.9	42.0	63.0

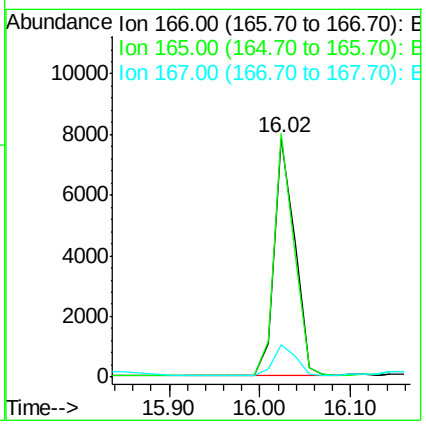


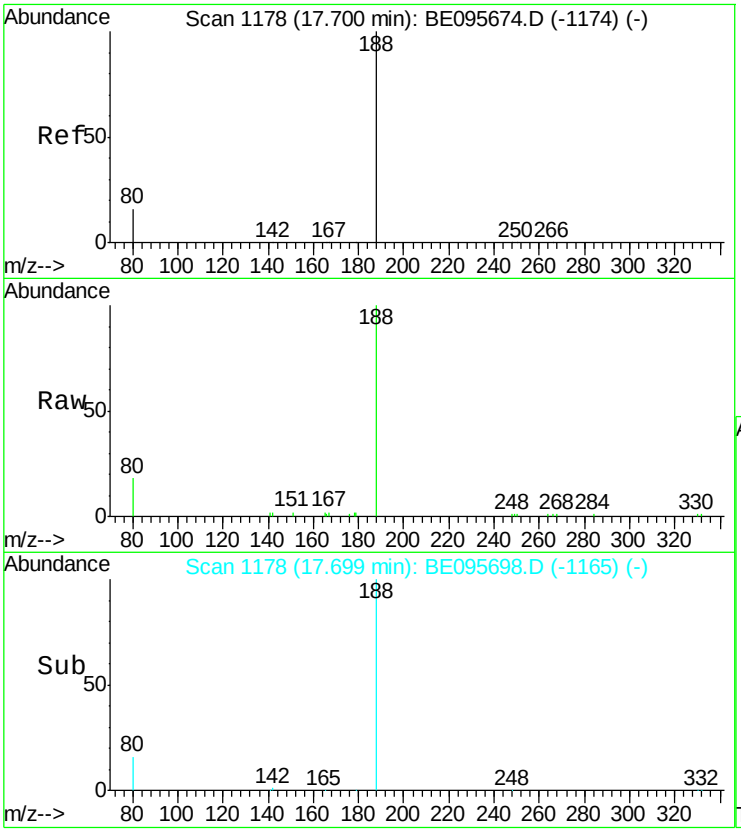


#18
Fluorene
Concen: 0.920 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:166 Resp: 12258

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	14.1	42.4	63.6#



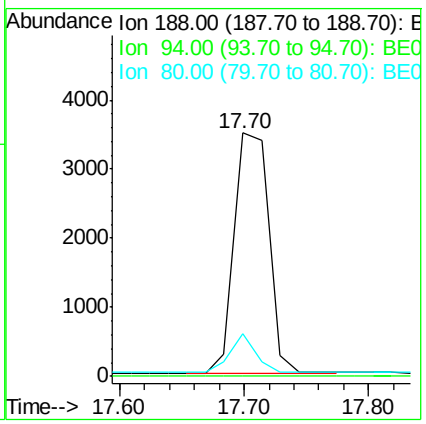


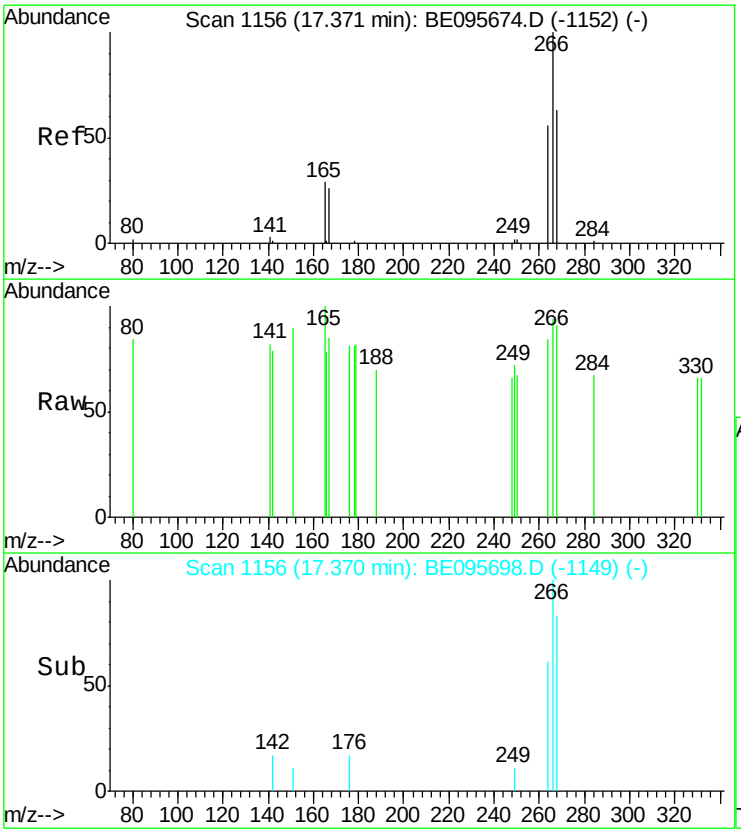
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6655

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.7	3.6	5.4#

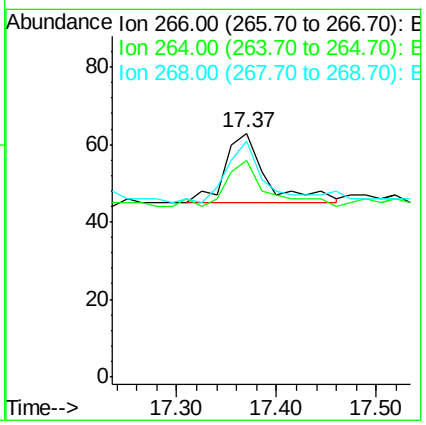


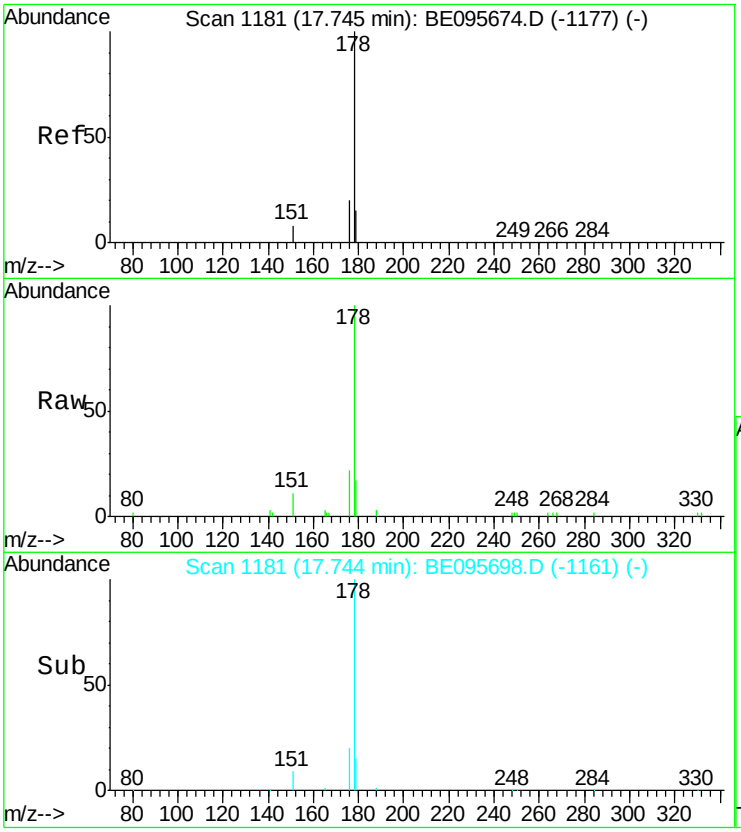


#22
Pentachlorophenol
Concen: 0.211 ng
RT: 17.37 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:266 Resp: 51

Ion	Ratio	Lower	Upper
266	100		
264	88.9	72.5	108.7
268	96.8	73.8	110.6



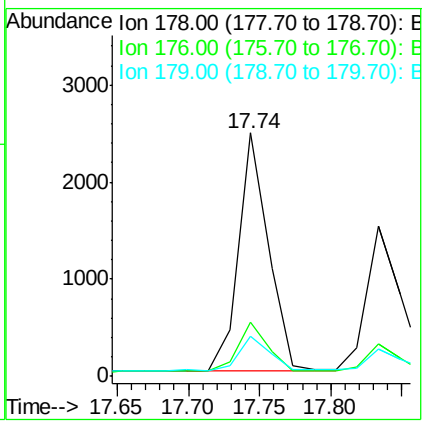


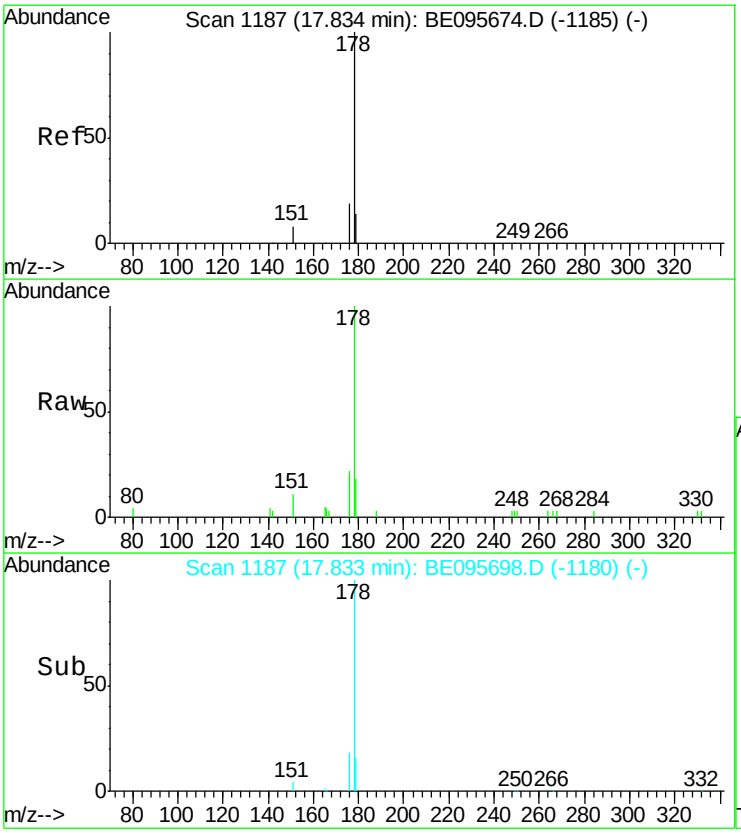
#23
Phenanthrene
Concen: 0.173 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3608

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	16.4	11.8	17.6

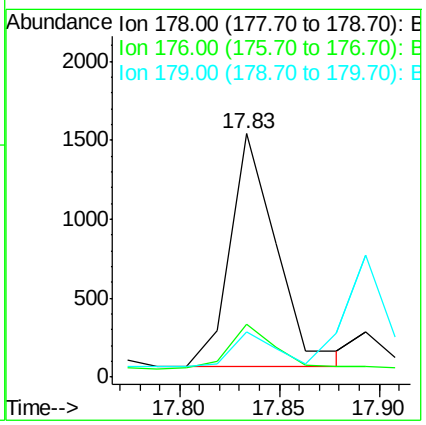


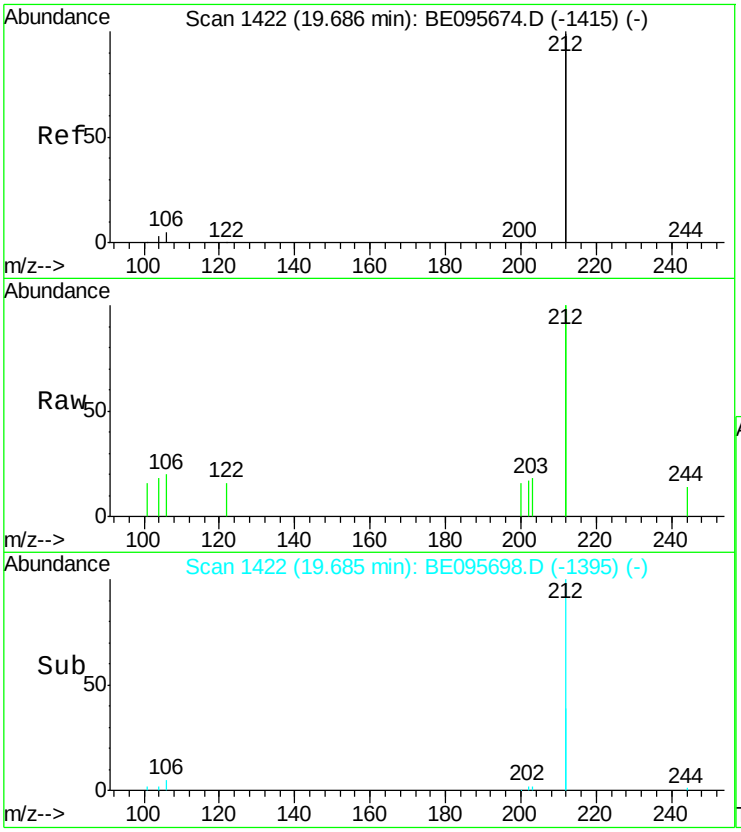


#24
Anthracene
Concen: 0.127 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:178 Resp: 2420

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2#
179	13.9	13.0	19.6



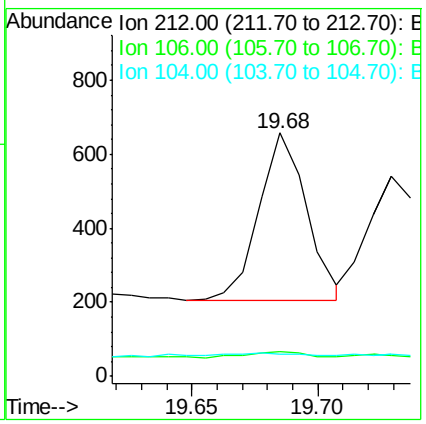


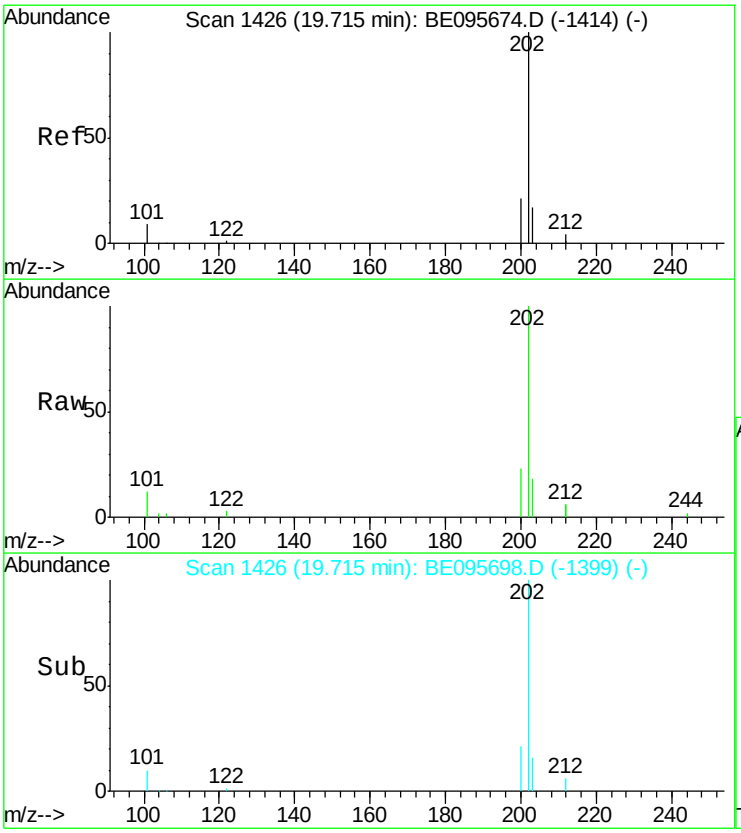
#25
Fluoranthene-d10
Concen: 0.007 ng
RT: 19.68 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 594

Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.8	4.2
104	3.0	1.6	2.4#

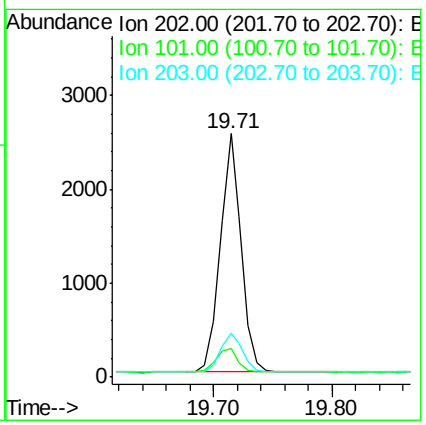


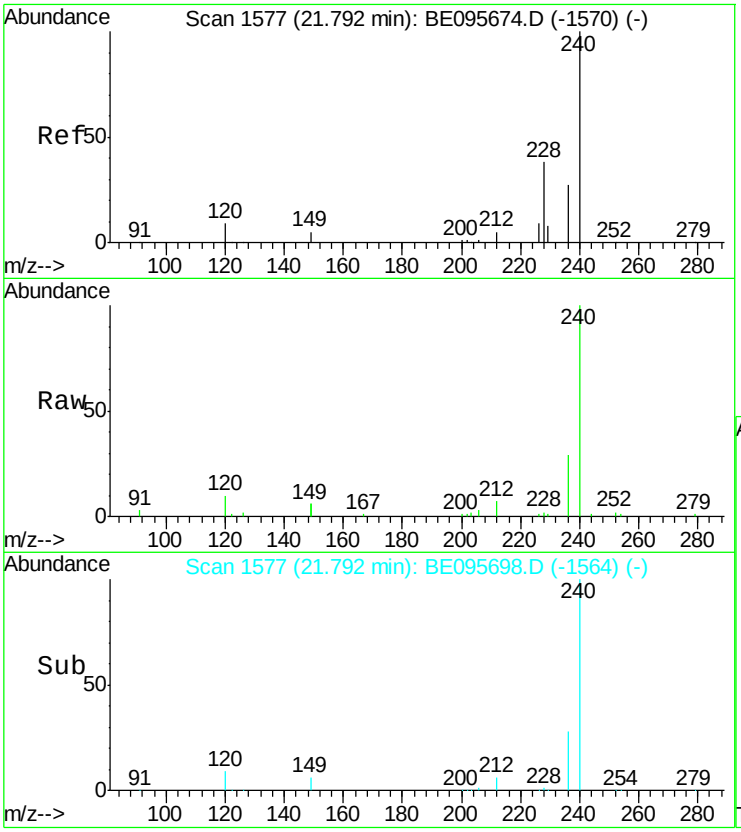


#26
Fluoranthene
Concen: 0.123 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:202 Resp: 3153

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.4	13.7	20.5



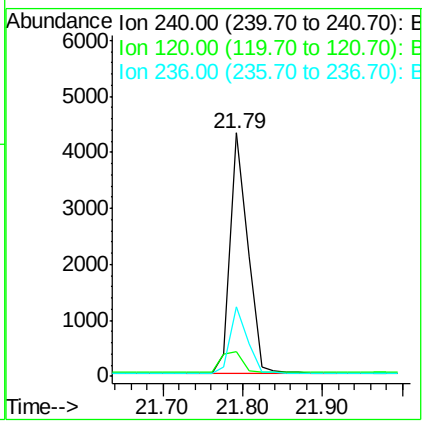


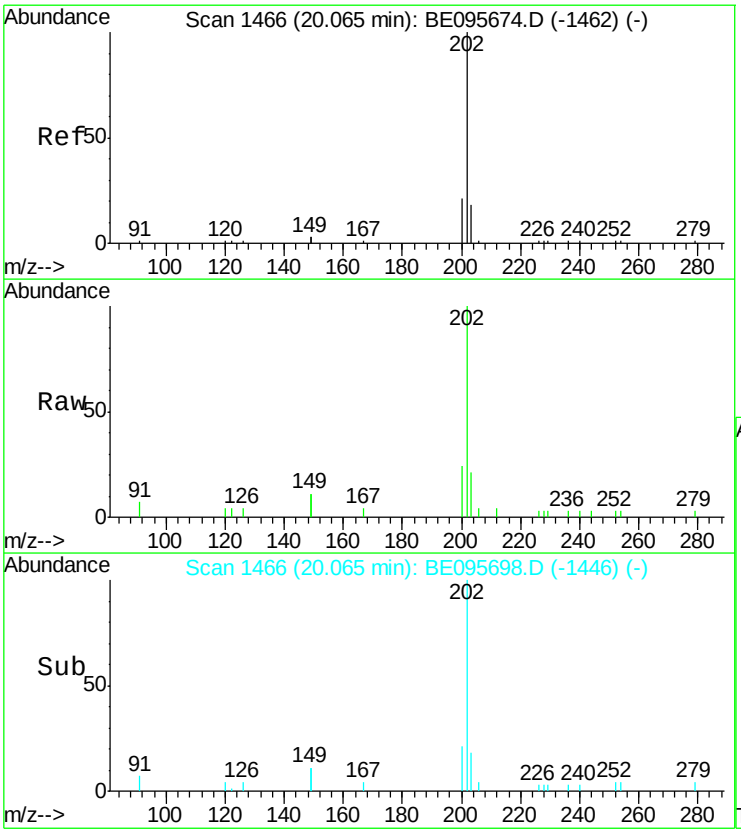
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6536

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	28.7	20.7	31.1

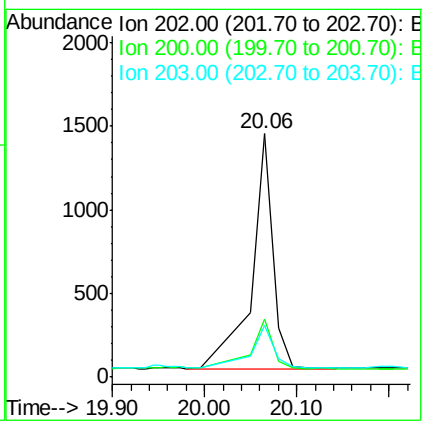


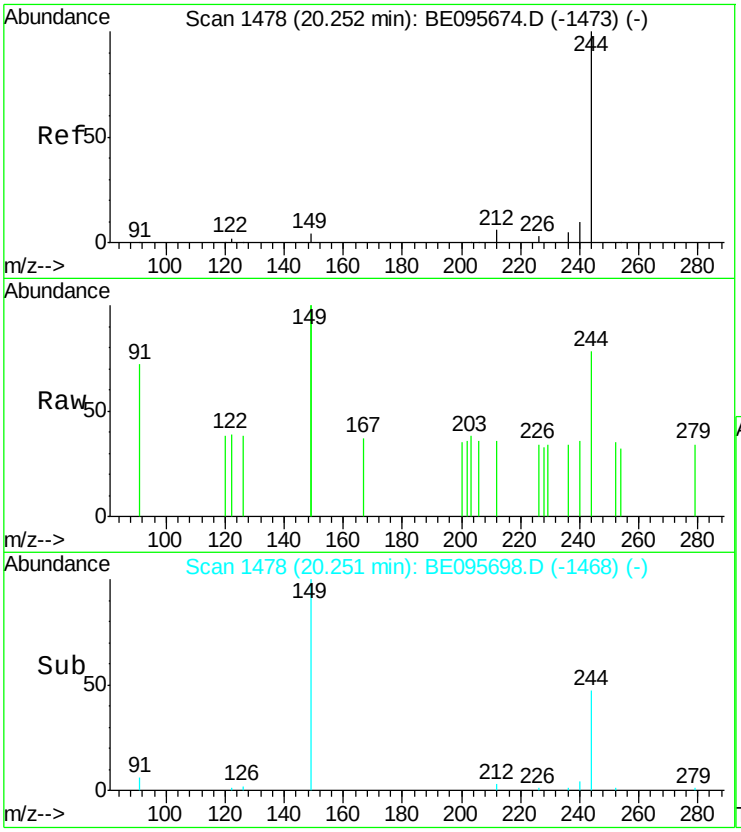


#28
Pyrene
Concen: 0.081 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:202 Resp: 2168

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	25.0
203	20.1	13.8	20.8



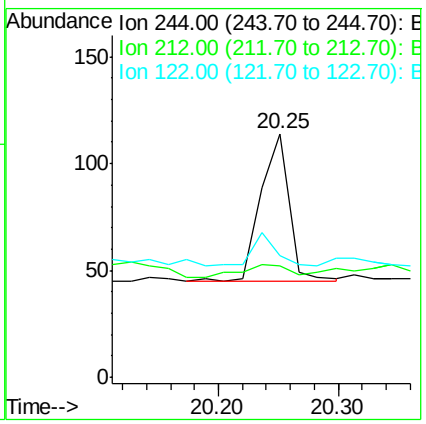


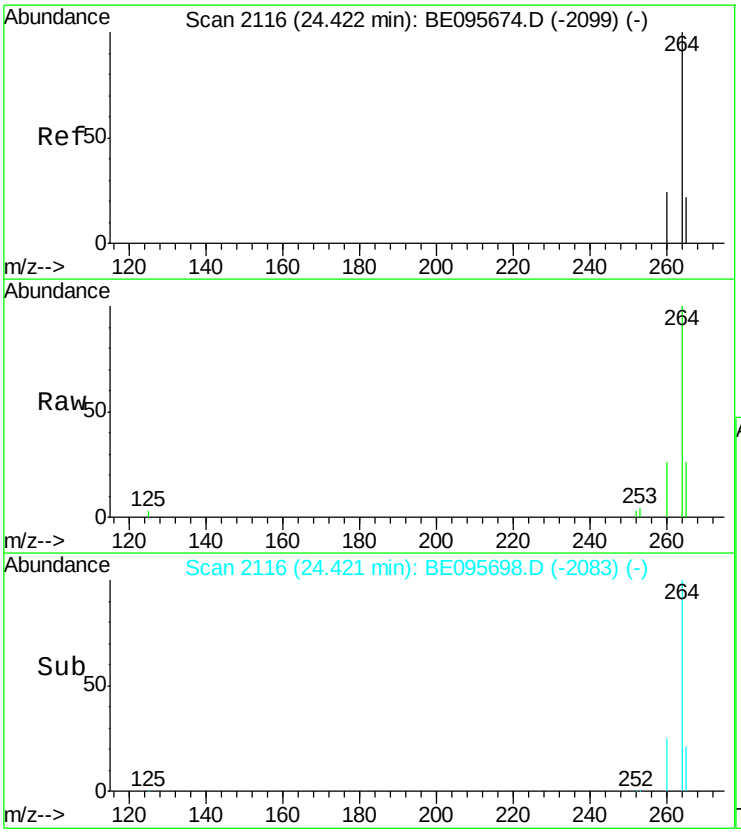
#29
Terphenyl-d14
Concen: 0.009 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 114

Ion	Ratio	Lower	Upper
244	100		
212	45.6	25.4	38.0#
122	50.0	8.1	12.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:264 Resp: 6070

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	26.4	22.8	34.2