Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\
Data File : BE096603.D
Acq On : 17 May 2018 11:06
Operator : SJ/JU
Sample : PB109397BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB109397BL

Quant Time: May 18 05:25:39 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	815	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2982	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1539	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3434	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3671	0.40	ng	0.01
34) Perylene-d12	24.33	264	3542	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	871	0.39	ng	0.00
5) Phenol-d6	7.51	99	1049	0.33	ng	0.00
8) Nitrobenzene-d5	9.53	82	1158	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1633	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	182	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2465	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	15969	0.38	ng	0.00
29) Terphenyl-d14	20.18	244	2960	0.36	ng	0.00
Target Compounds						Qvalue

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

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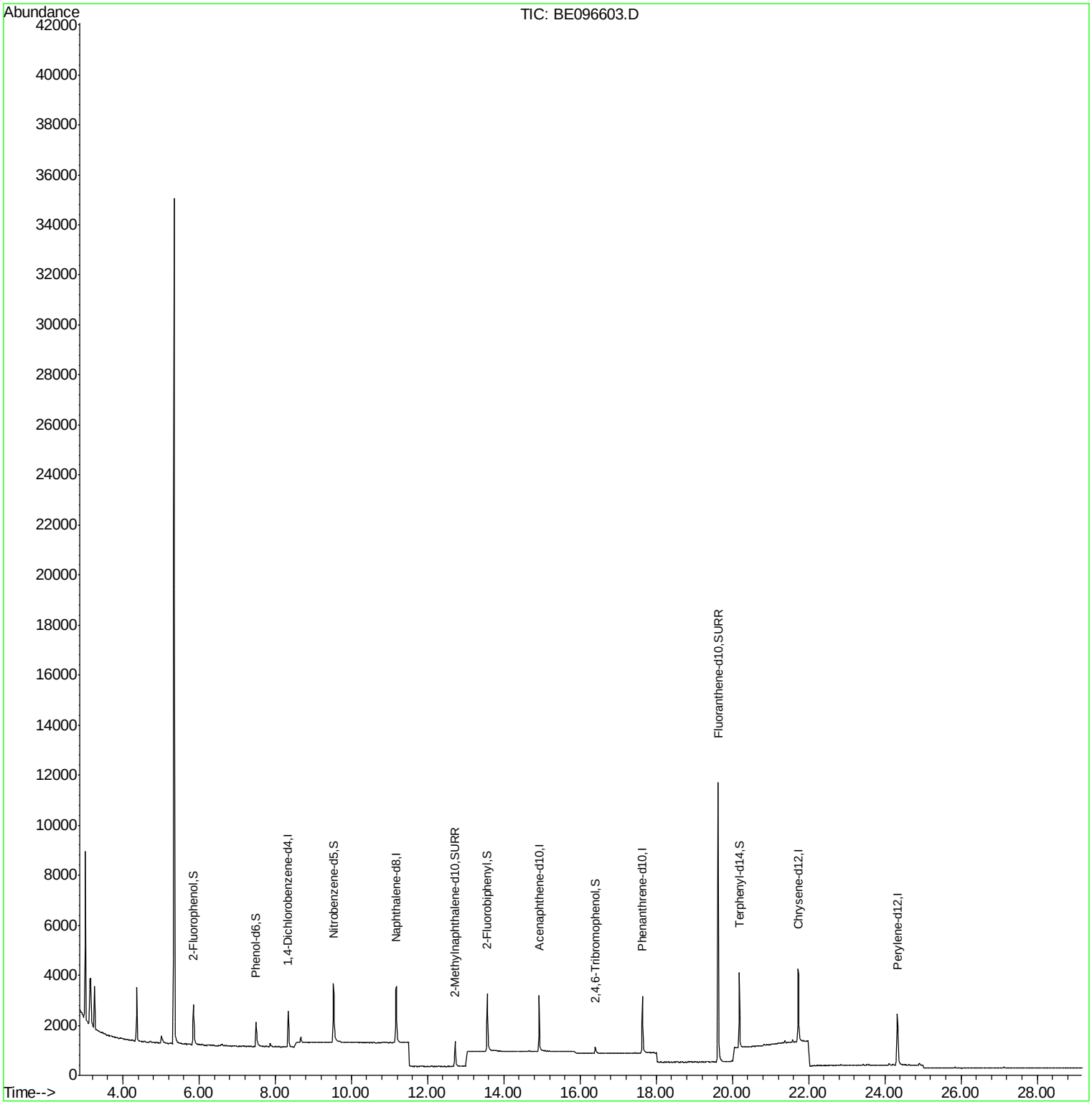
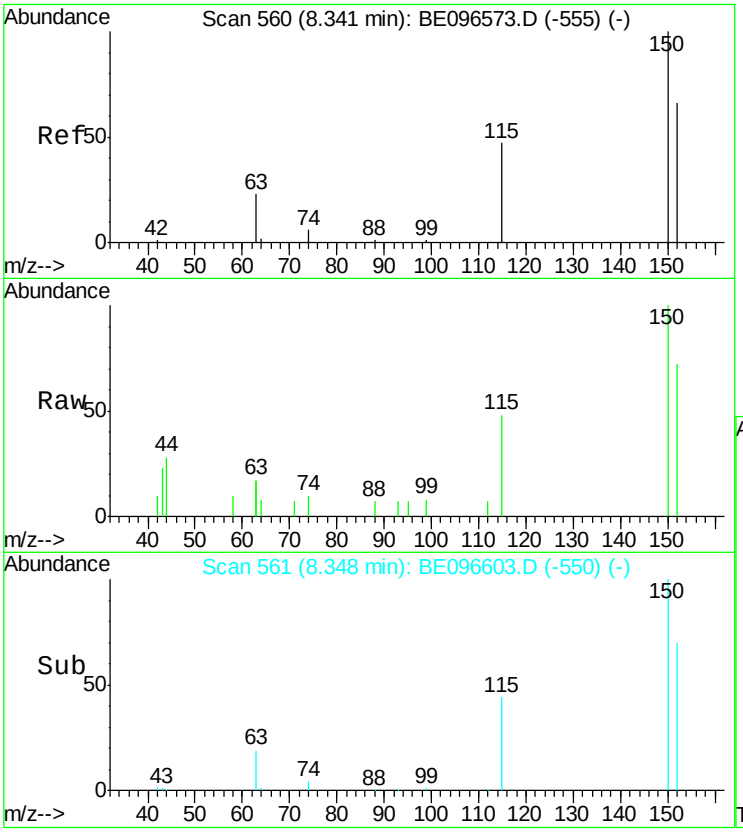


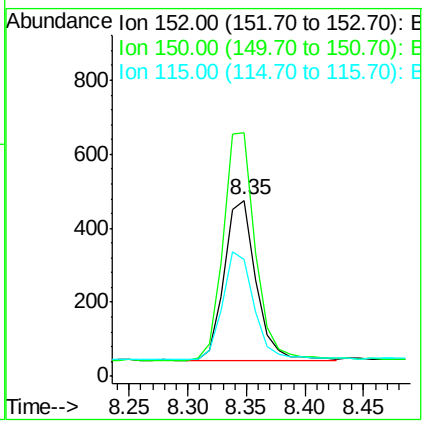


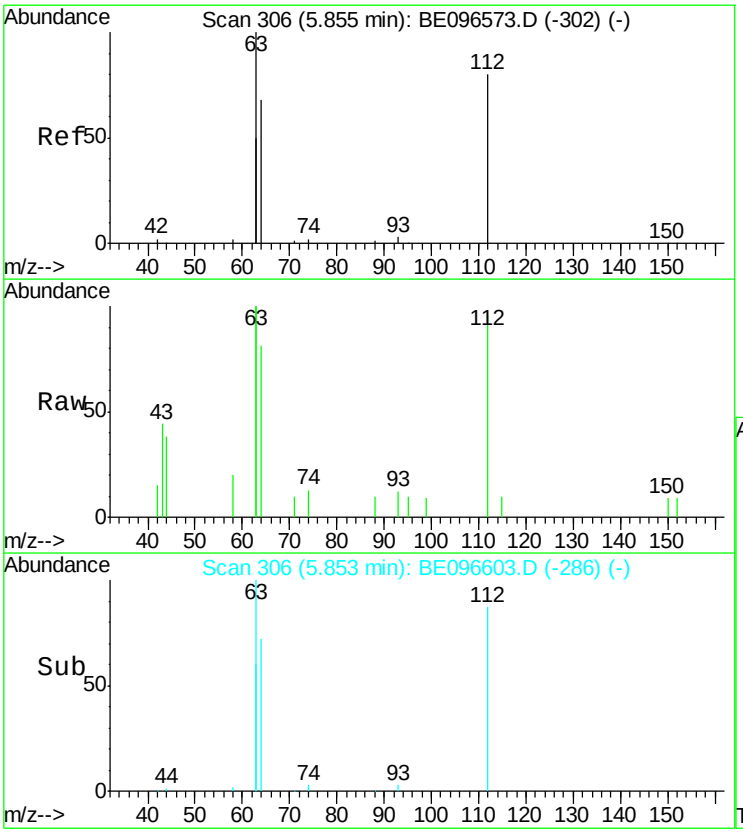
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion:152 Resp: 815

Ion	Ratio	Lower	Upper
152	100		
150	138.5	117.2	175.8
115	66.1	57.0	85.6

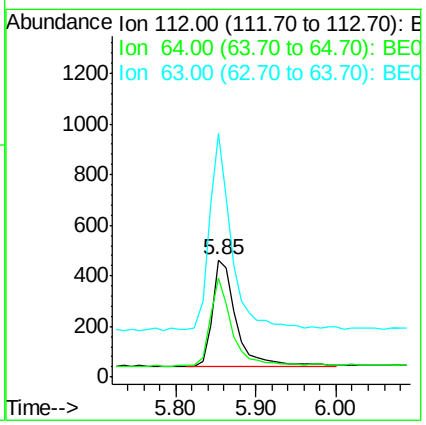


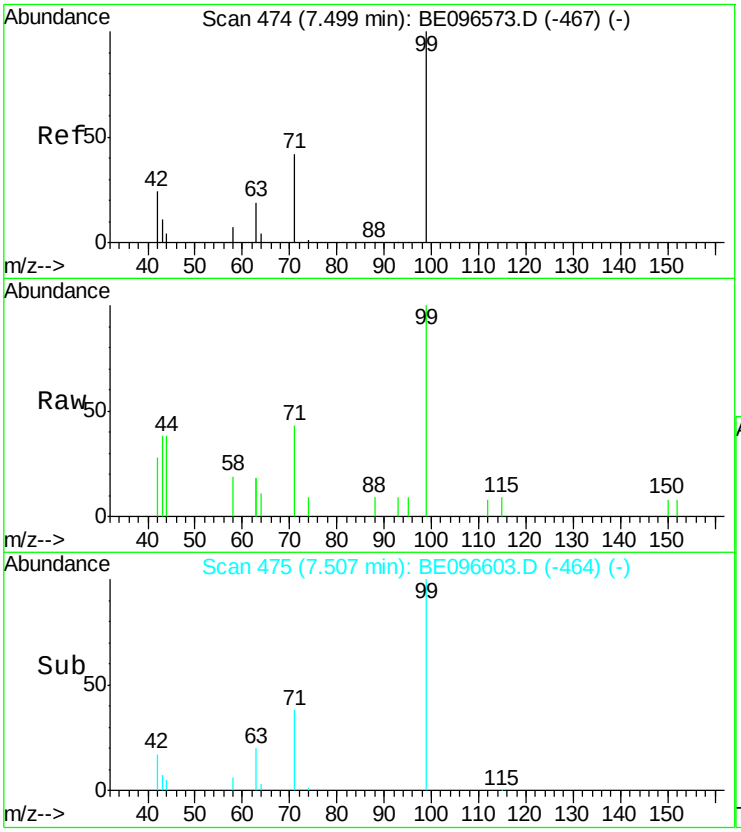


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:112 Resp: 871

Ion	Ratio	Lower	Upper
112	100		
64	75.3	60.1	90.1
63	172.7	116.8	175.2



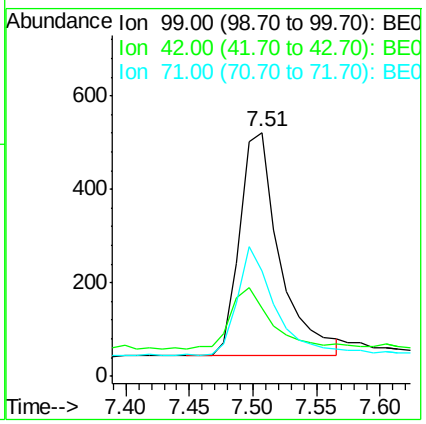


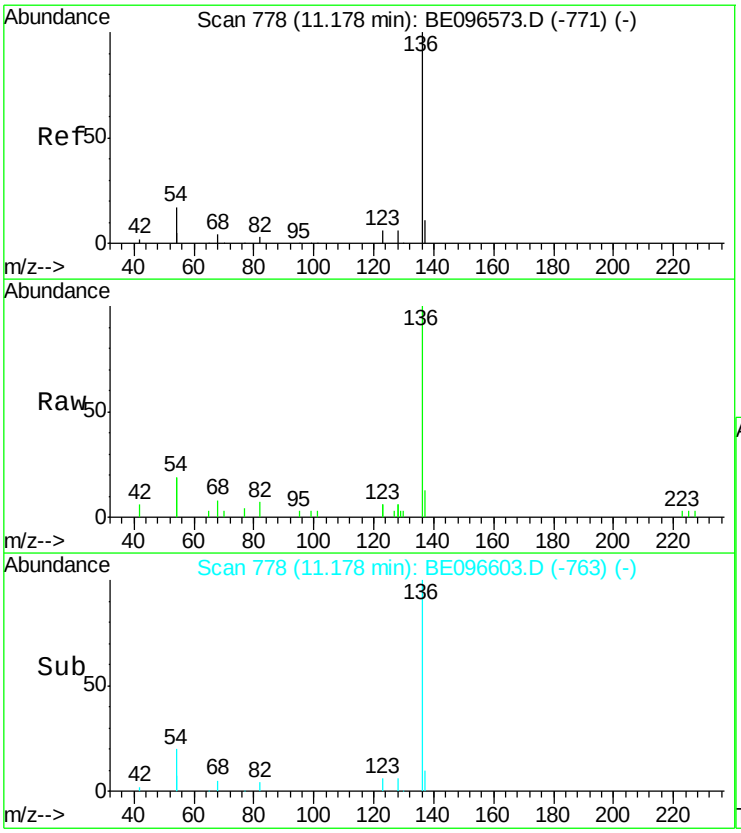
#5
Phenol-d6
Concen: 0.330 ng
RT: 7.51 min Scan# 475
Delta R.T. 0.01 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion: 99 Resp: 1049

Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.2	30.2
71	45.8	28.4	42.6#

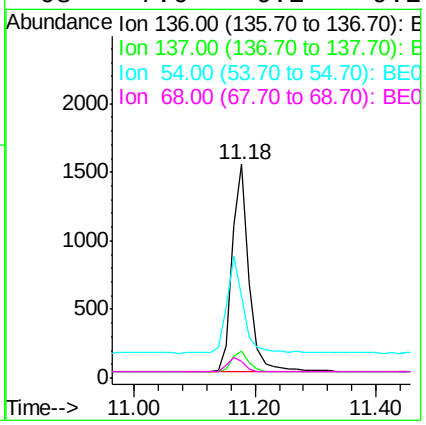


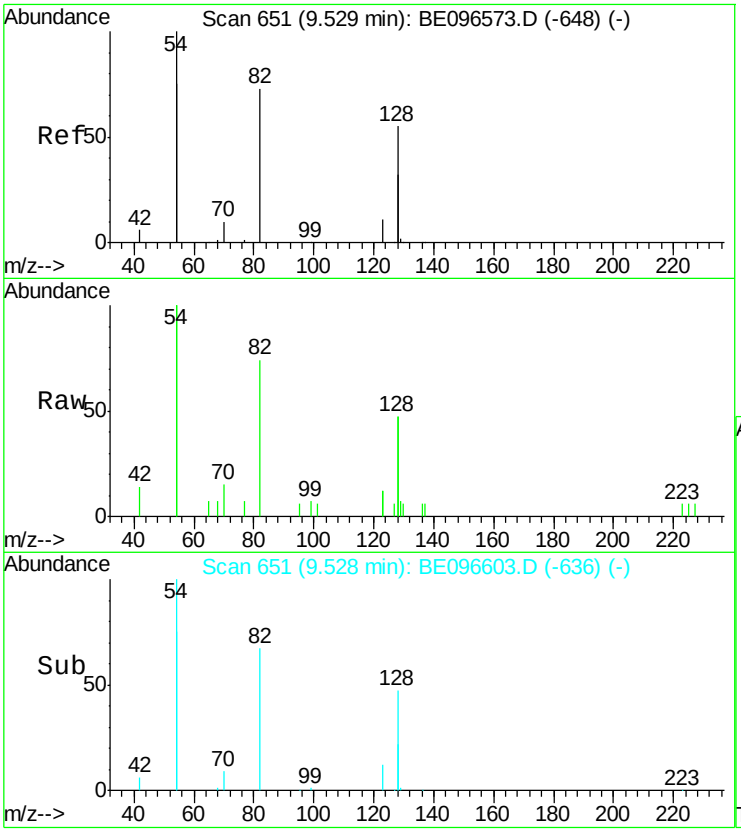


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:136 Resp: 2982

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	38.5	29.1	43.7
68	7.6	6.2	9.2



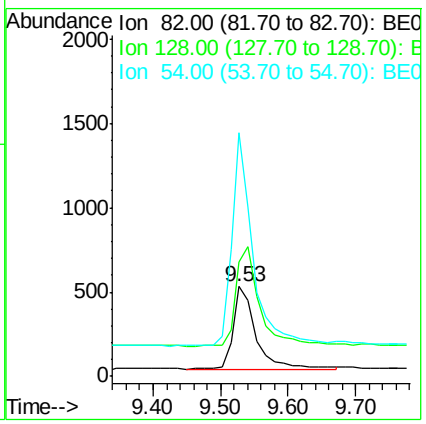


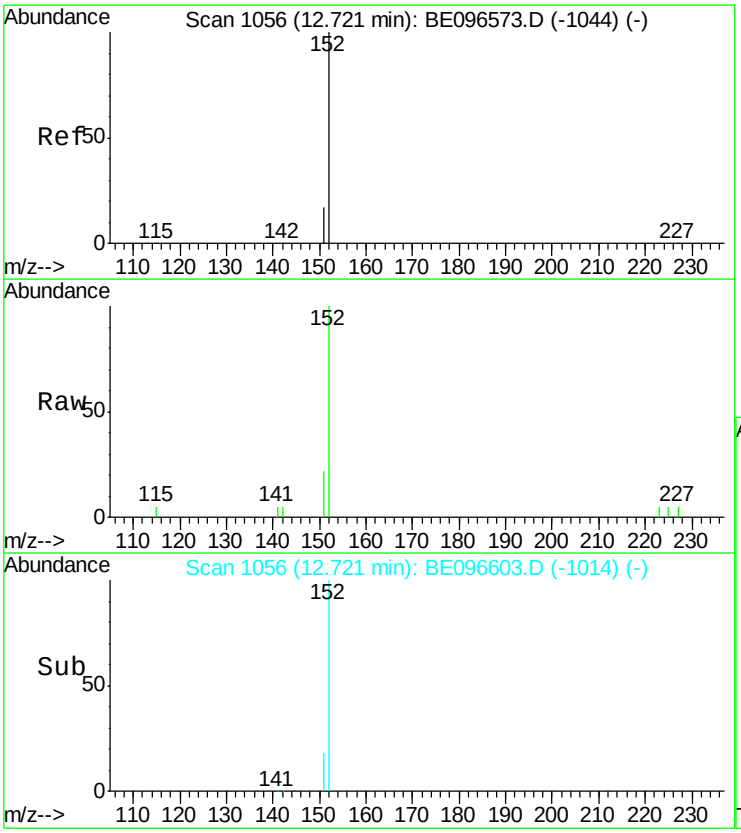
#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion: 82 Resp: 1158

Ion	Ratio	Lower	Upper
82	100		
128	128.4	150.0	225.0#
54	271.9	154.2	231.4#

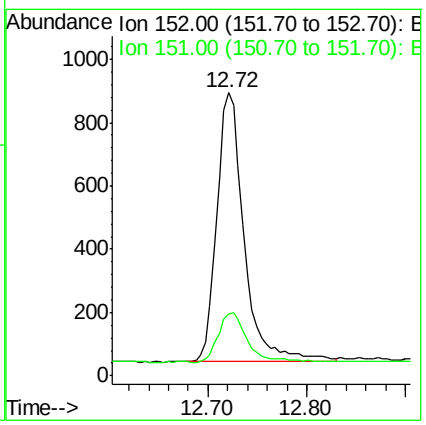


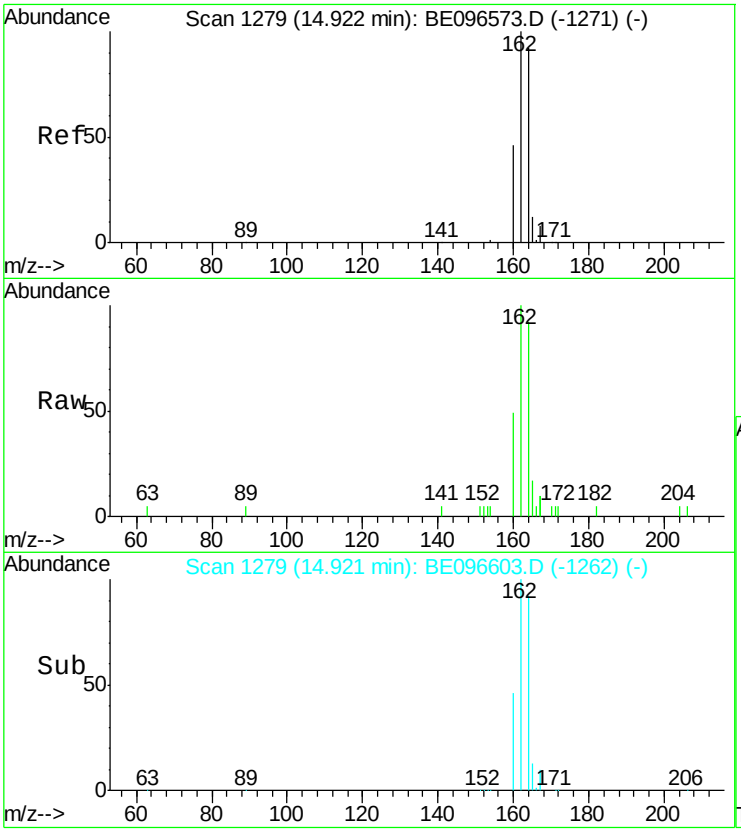


#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:152 Resp: 1633

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0



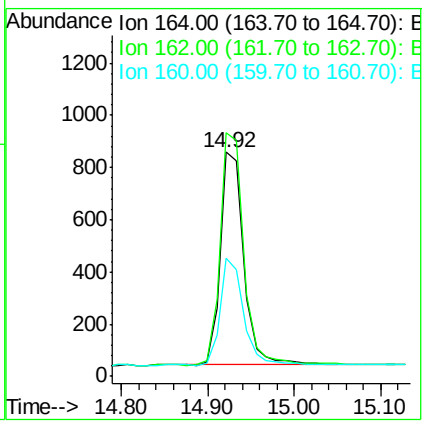


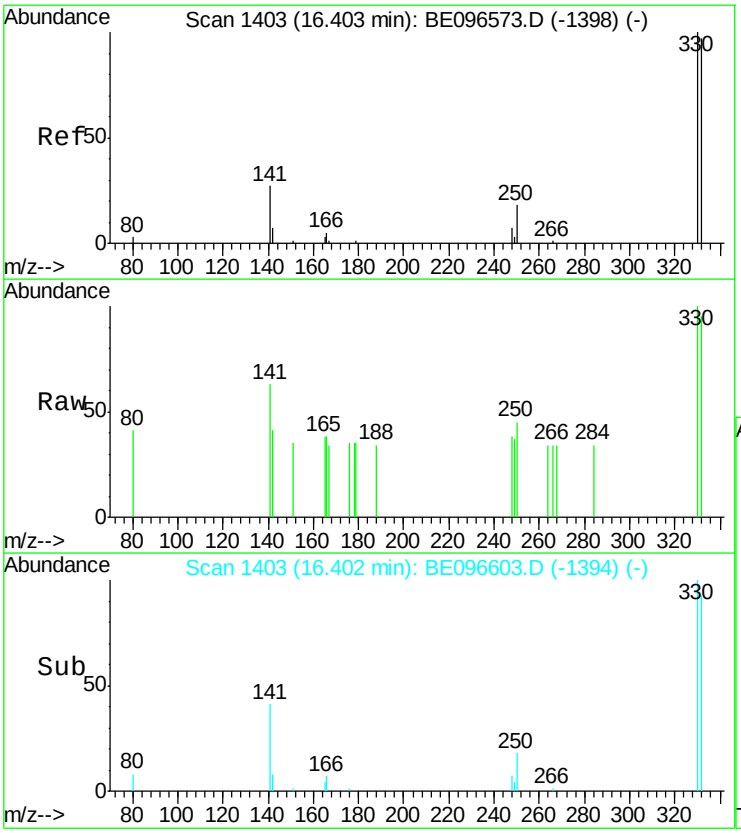
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion:164 Resp: 1539

Ion	Ratio	Lower	Upper
164	100		
162	108.6	83.1	124.7
160	52.7	37.1	55.7

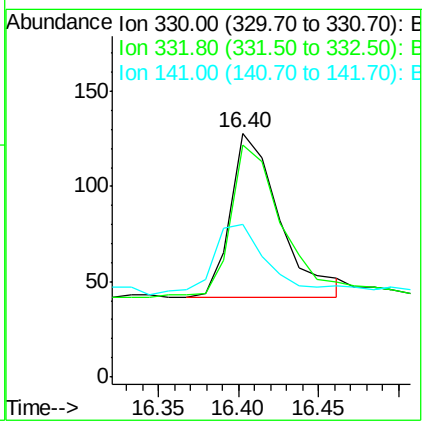


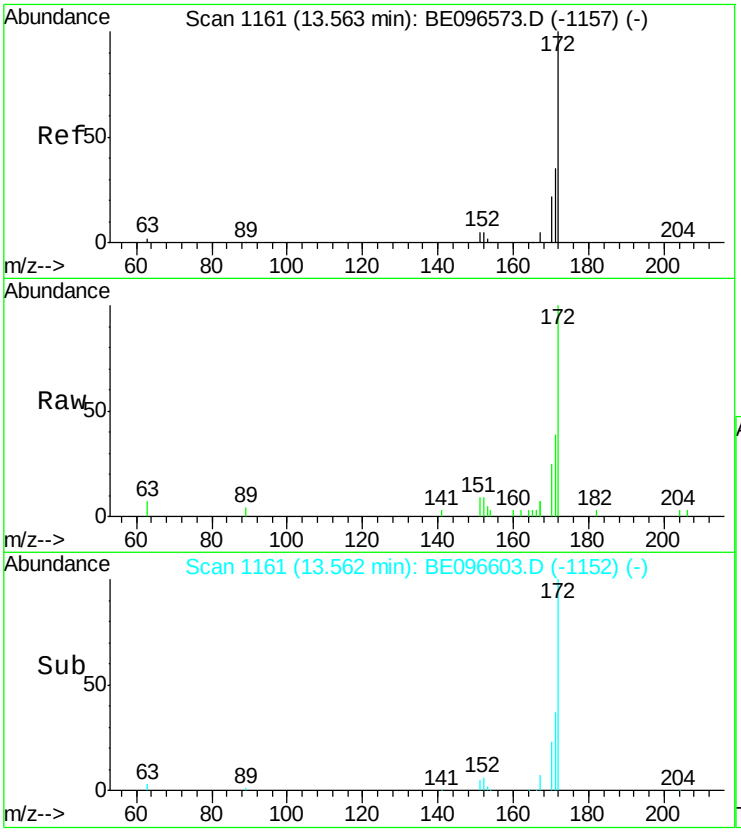


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:330 Resp: 182

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	47.8	33.7	50.5



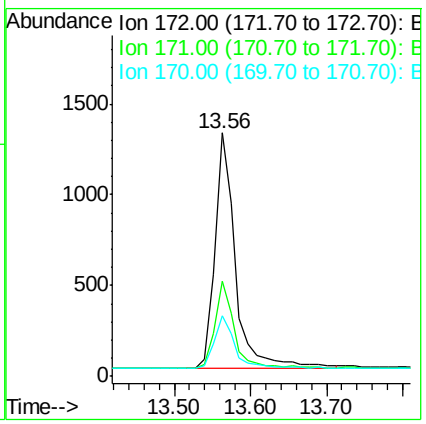


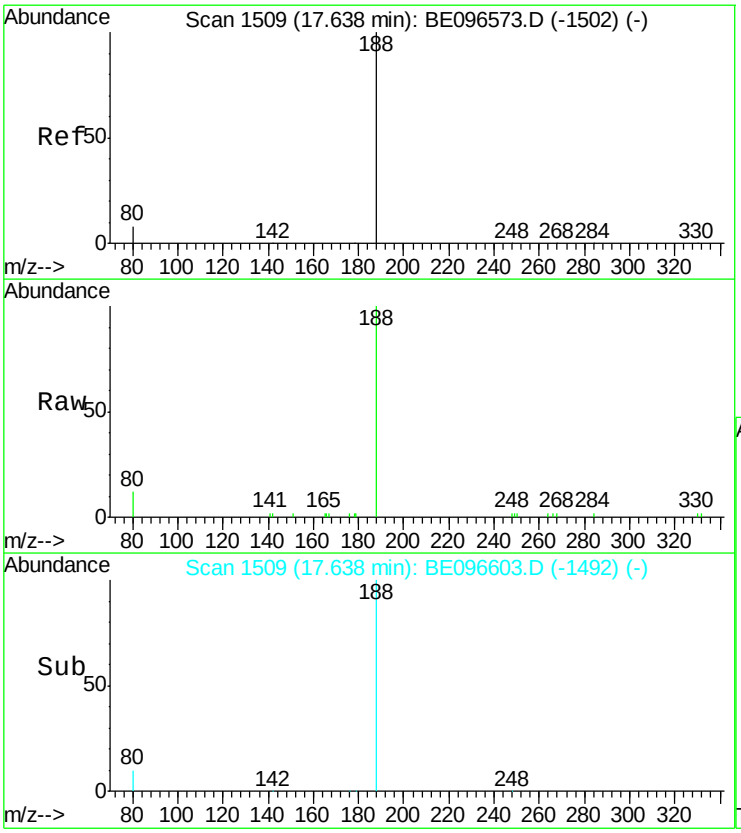
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion:172 Resp: 2465

Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.9	44.9
170	25.1	21.8	32.8

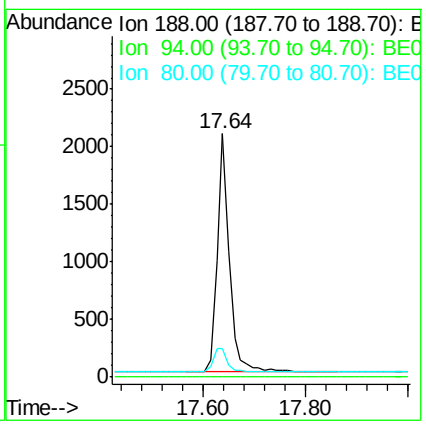


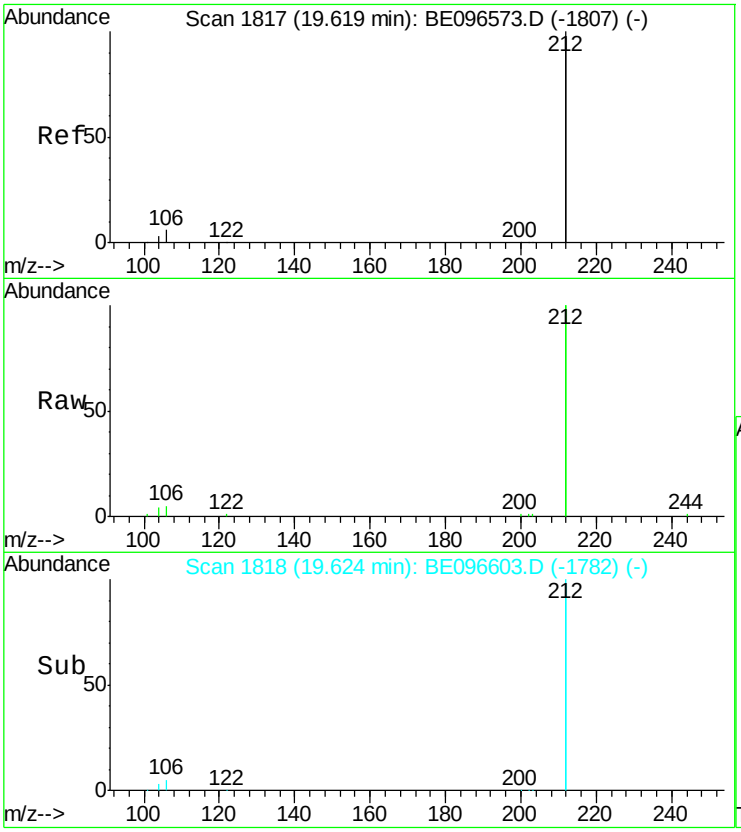


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:188 Resp: 3434

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.6	3.6	5.4#



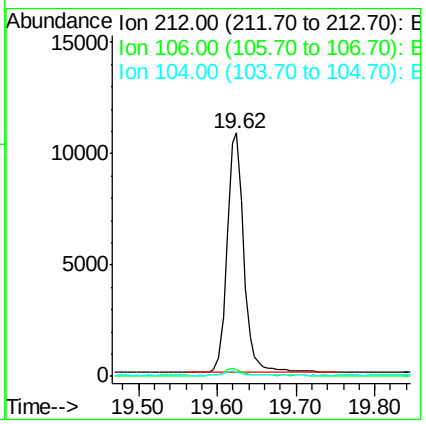


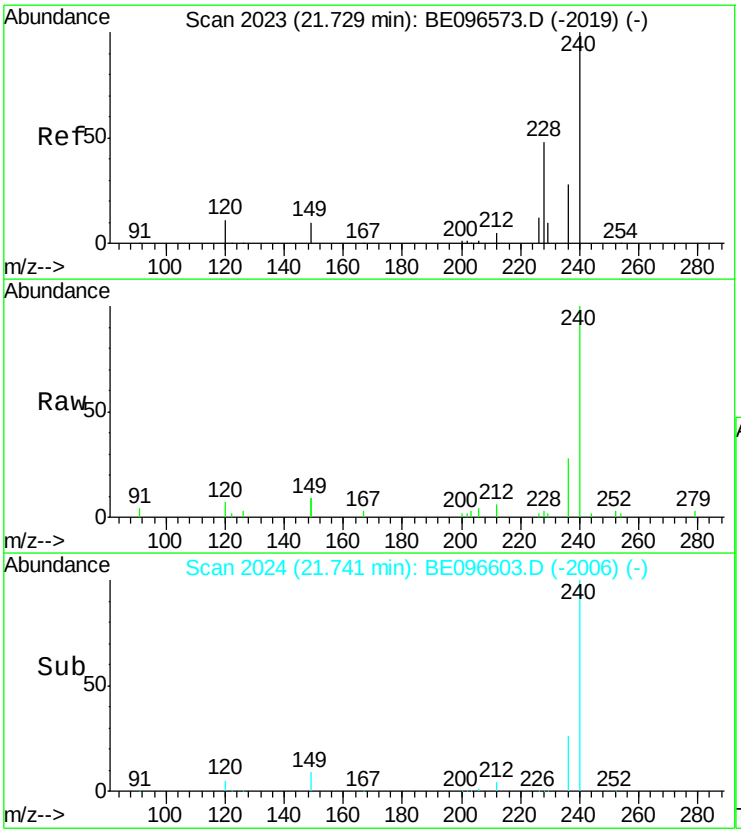
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion:212 Resp: 15969

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

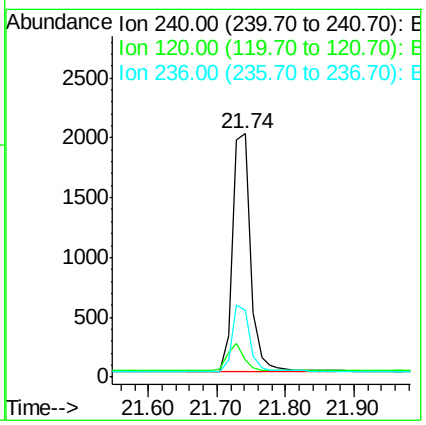


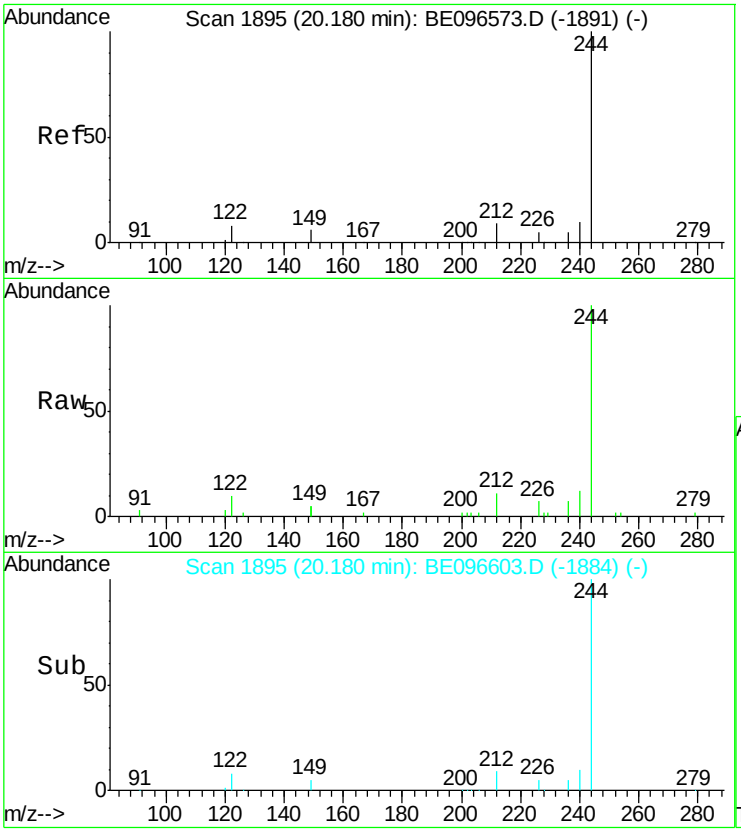


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:240 Resp: 3671

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.5	8.3
236	27.6	20.7	31.1



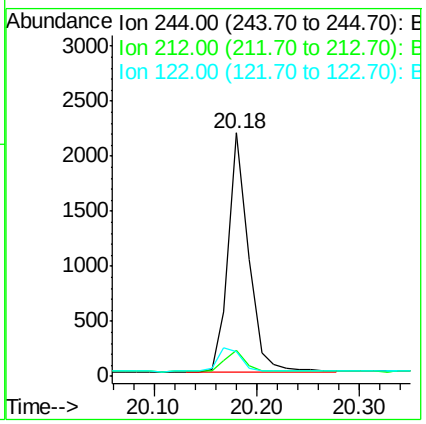


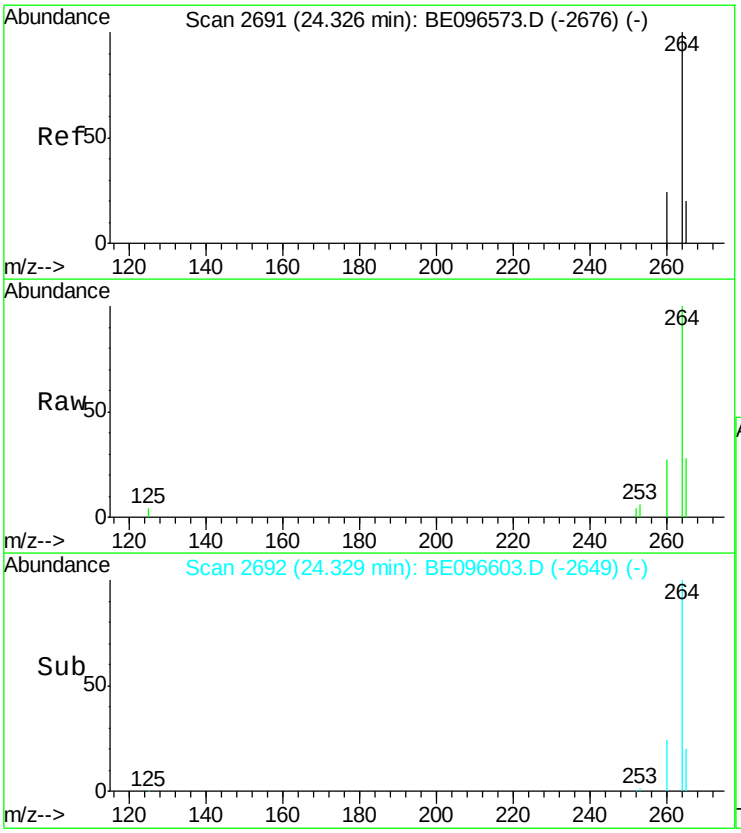
#29
Terphenyl-d14
Concen: 0.356 ng
RT: 20.18 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Instrument :
BNA_E
ClientSampleId :
PB109397BL

Tgt Ion:244 Resp: 2960

Ion	Ratio	Lower	Upper
244	100		
212	10.8	25.4	38.0#
122	10.0	8.1	12.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096603.D
Acq: 17 May 2018 11:06

Tgt Ion:264 Resp: 3542

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	27.7	22.8	34.2