Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041318\
Data File : BE095993.D
Acq On : 13 Apr 2018 12:43
Operator : SJ/JU
Sample : PB108210BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB108210BL

Quant Time: Apr 13 14:52:20 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 14:42:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1465	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5210	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2679	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6248	0.40	ng	0.00
27) Chrysene-d12	21.78	240	6812	0.40	ng	0.00
34) Perylene-d12	24.39	264	6779	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	1768	0.39	ng	0.00
5) Phenol-d6	7.53	99	2422	0.39	ng	0.00
8) Nitrobenzene-d5	9.57	82	2290	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3264	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	353	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	4654	0.41	ng	0.00
25) Fluoranthene-d10	19.66	212	33824	0.40	ng	0.00
29) Terphenyl-d14	20.22	244	6185	0.41	ng	0.00
Target Compounds						Qvalue

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

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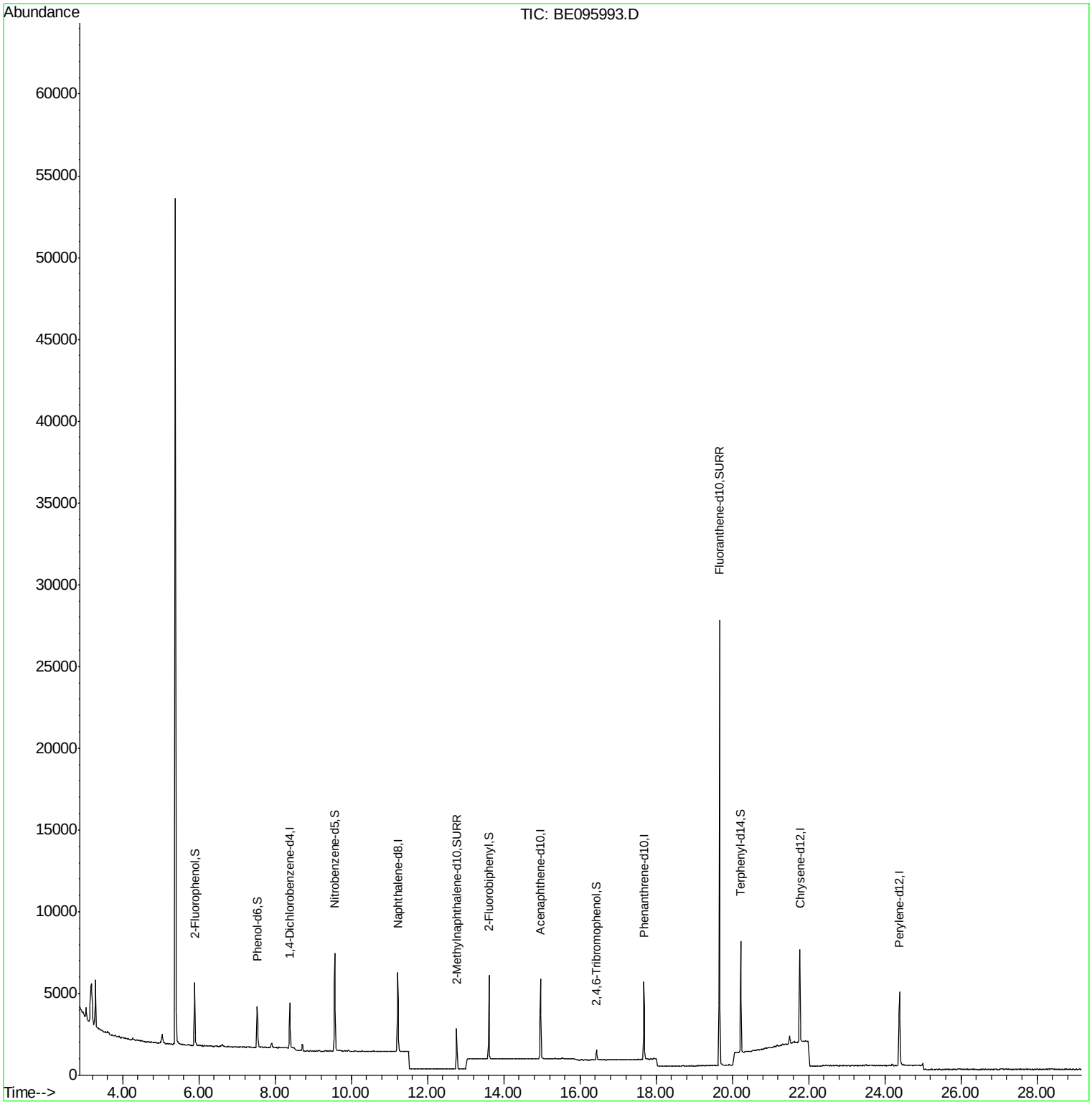
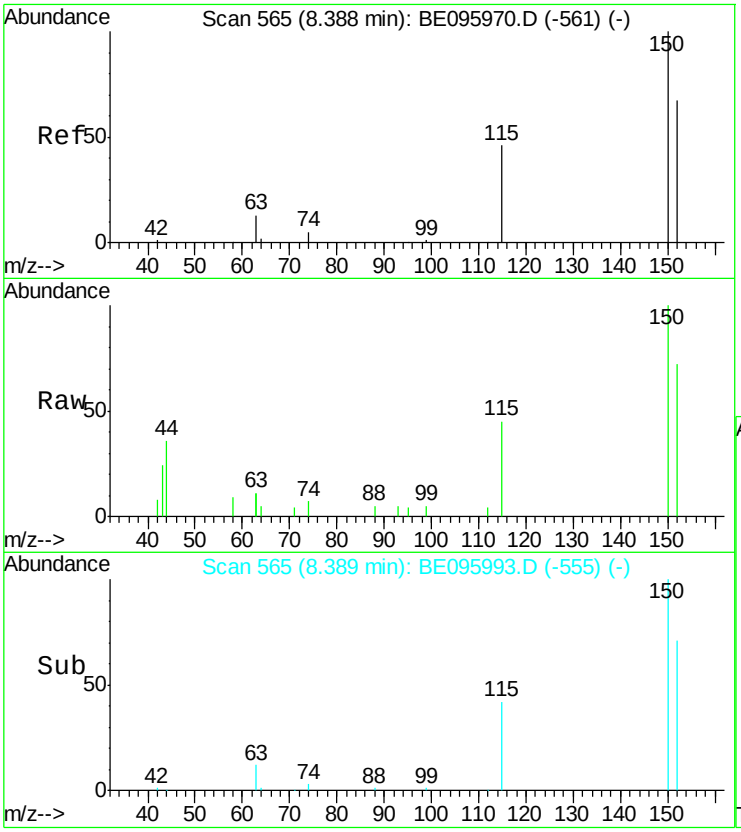


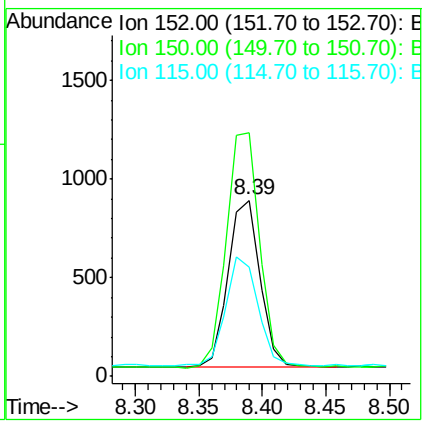


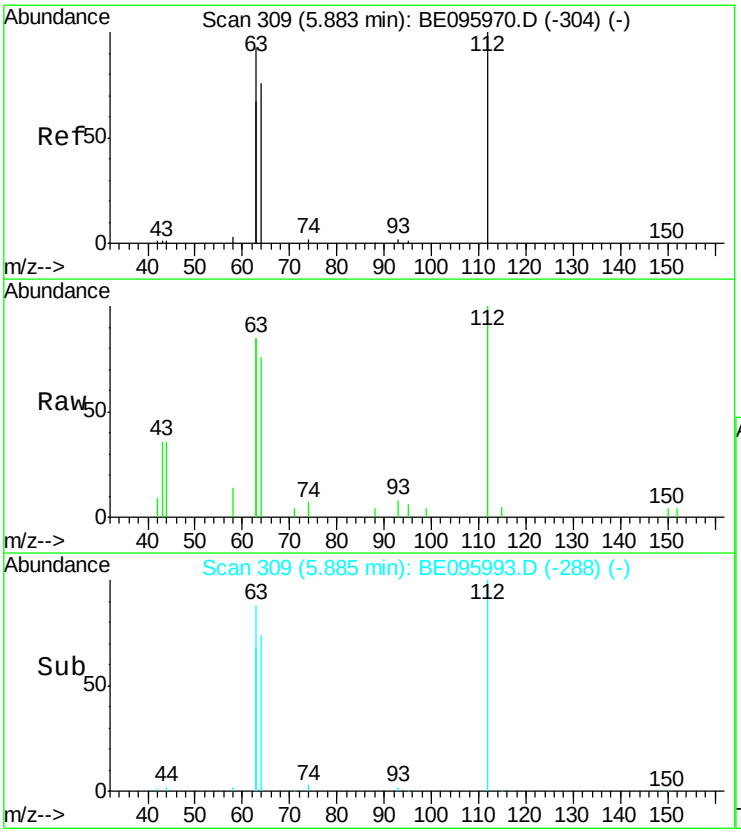
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion:152 Resp: 1465

Ion	Ratio	Lower	Upper
152	100		
150	138.0	117.2	175.8
115	62.2	57.0	85.6

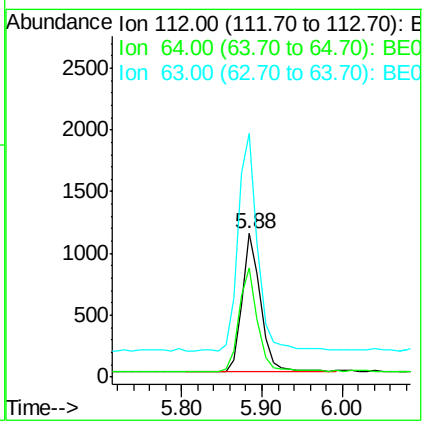


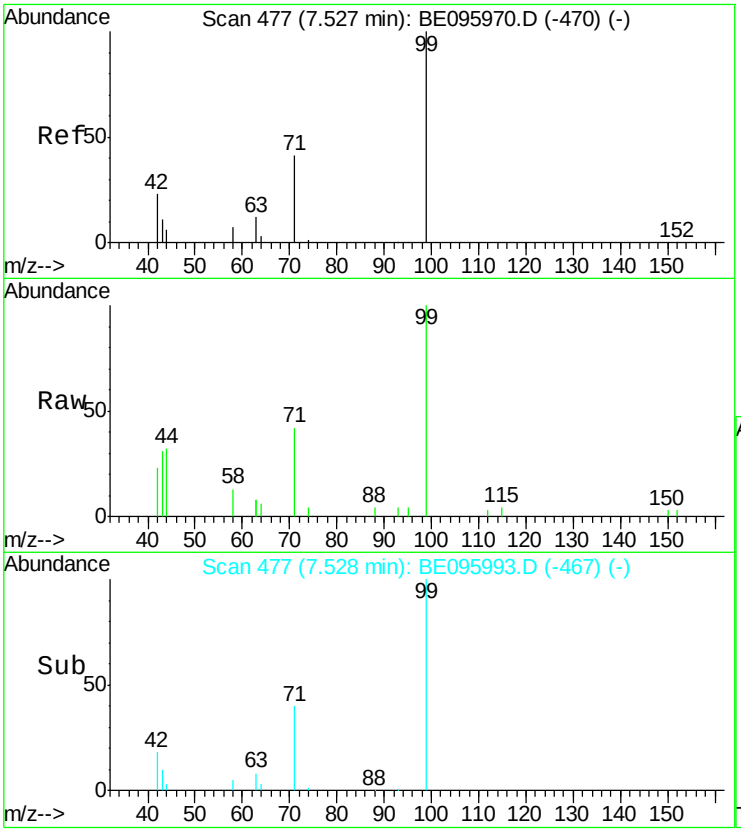


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:112 Resp: 1768

Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.1	90.1
63	167.9	116.8	175.2



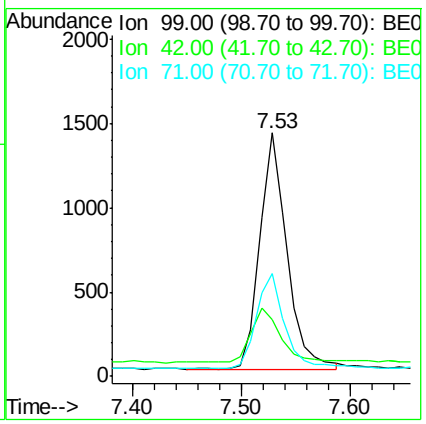


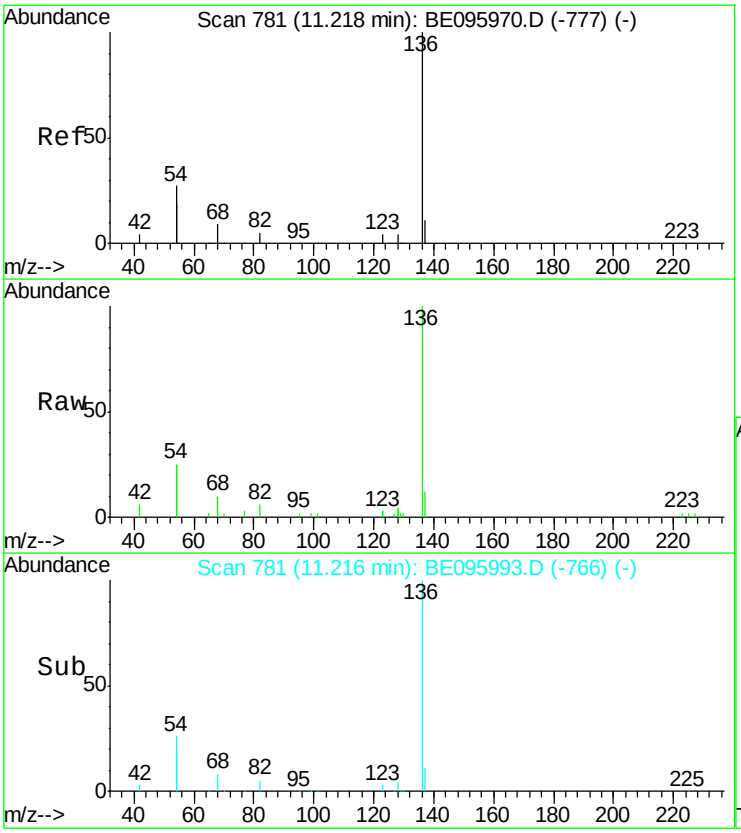
#5
Phenol-d6
Concen: 0.387 ng
RT: 7.53 min Scan# 477
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion: 99 Resp: 2422

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	41.4	28.4	42.6

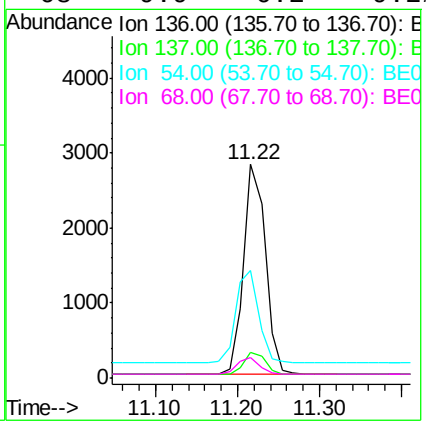


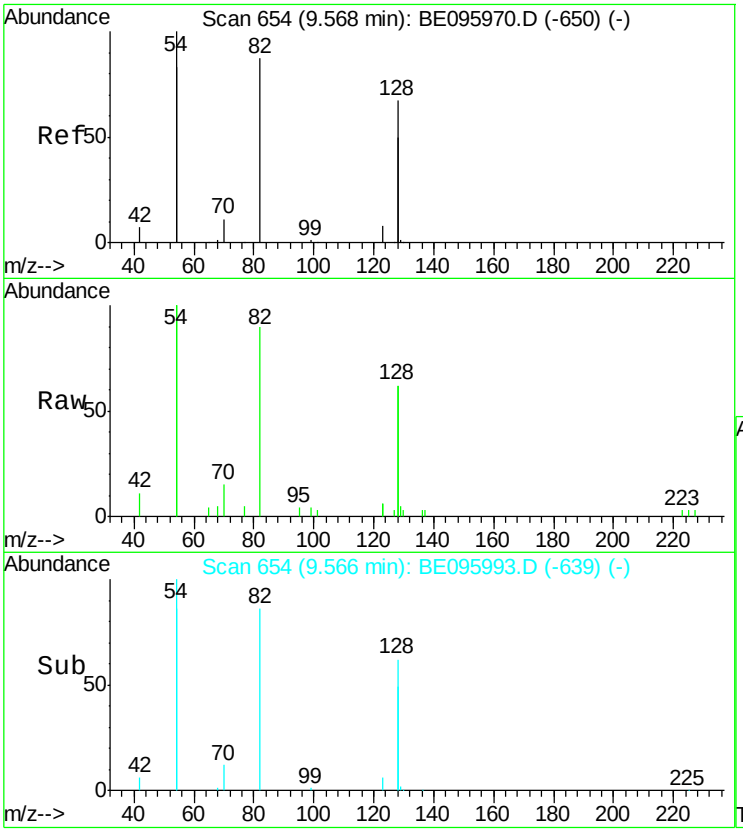


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:136 Resp: 5210

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	50.5	29.1	43.7#
68	9.9	6.2	9.2#



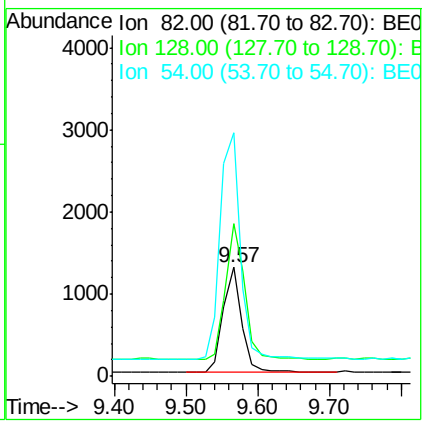


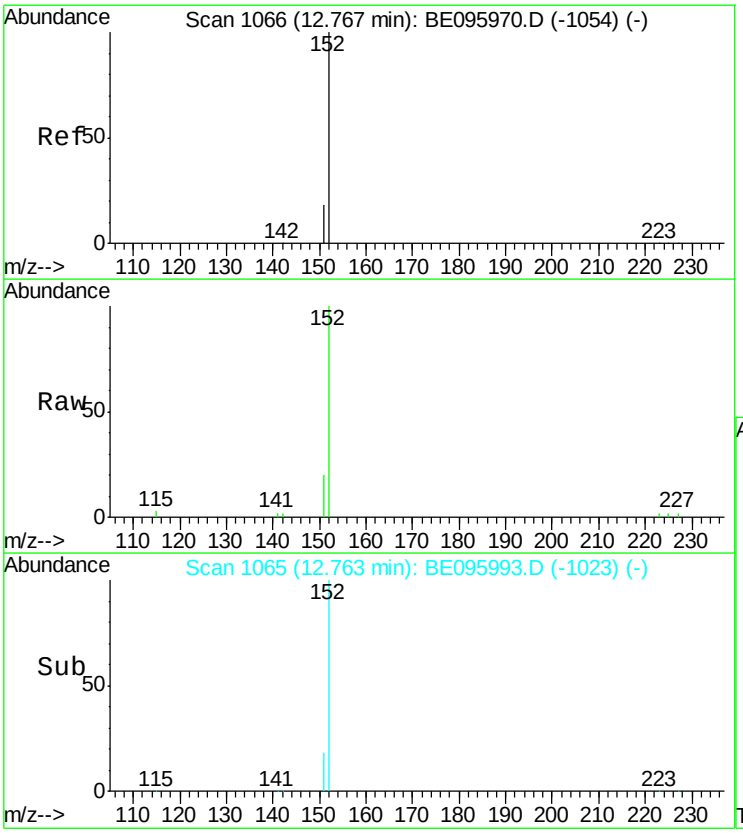
#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 9.57 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion: 82 Resp: 2290

Ion	Ratio	Lower	Upper
82	100		
128	139.4	150.0	225.0#
54	223.0	154.2	231.4

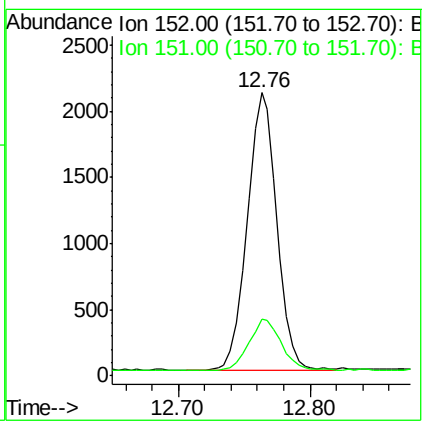


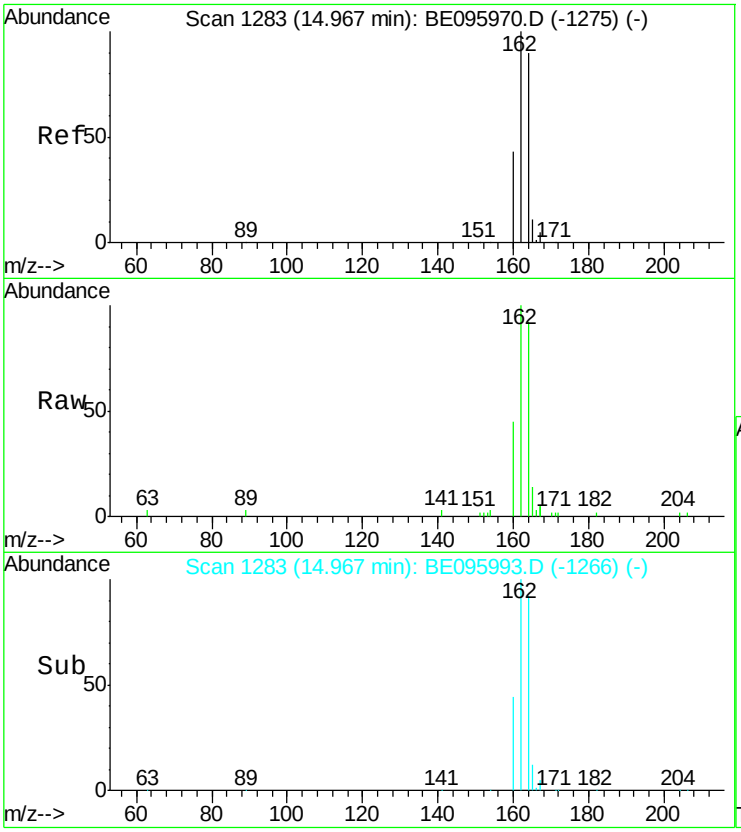


#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:152 Resp: 3264

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0



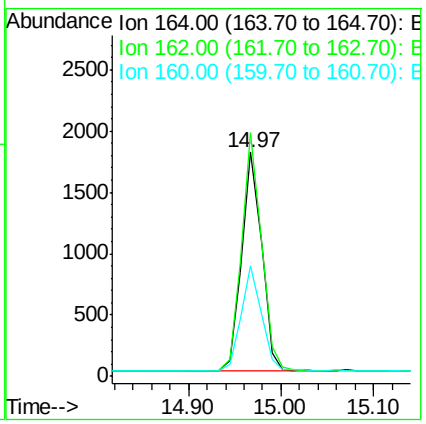


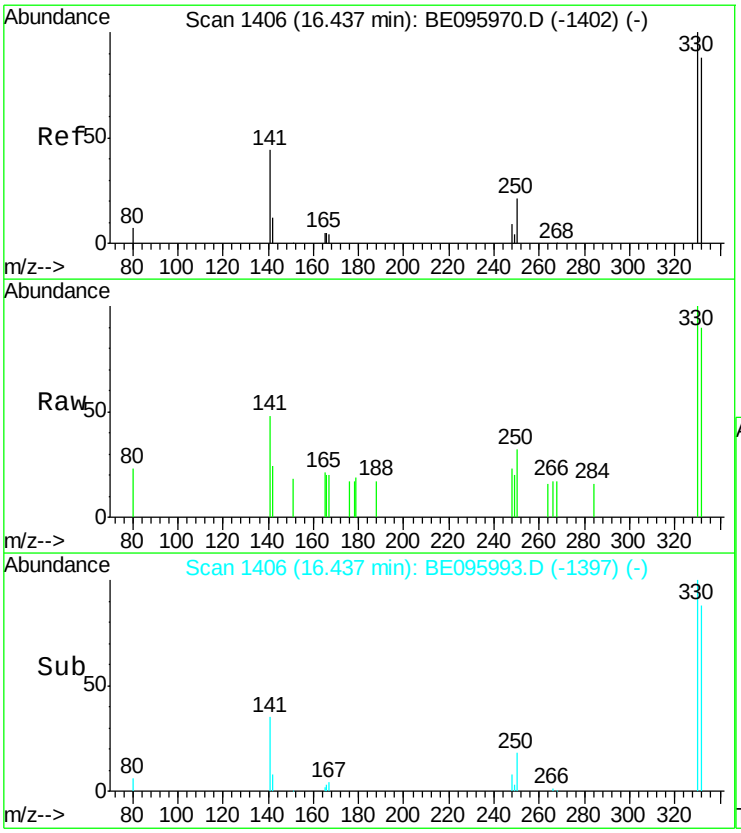
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion:164 Resp: 2679

Ion	Ratio	Lower	Upper
164	100		
162	108.6	83.1	124.7
160	49.3	37.1	55.7

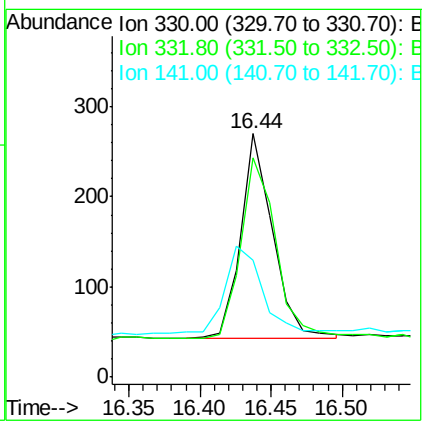


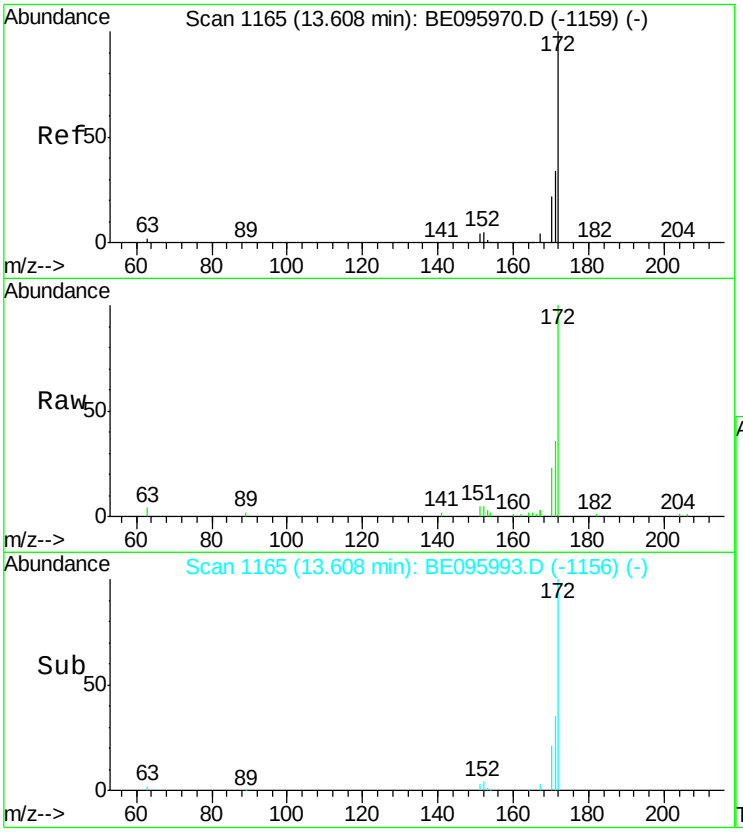


#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:330 Resp: 353

Ion	Ratio	Lower	Upper
330	100		
332	97.2	152.7	229.1#
141	51.0	33.7	50.5#



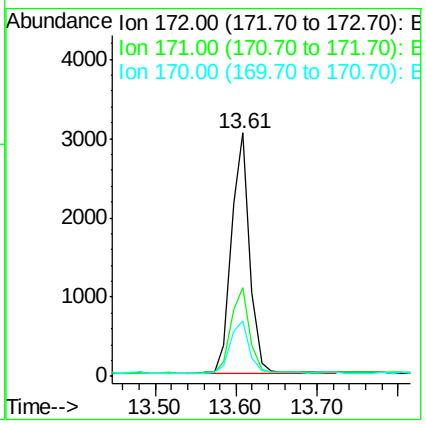


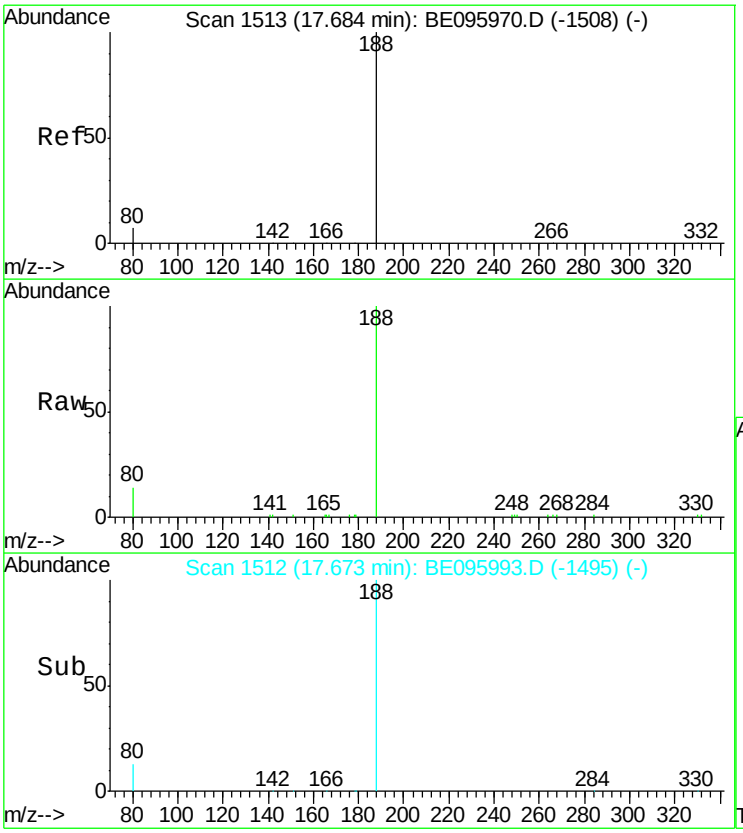
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion:172 Resp: 4654

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	22.5	21.8	32.8

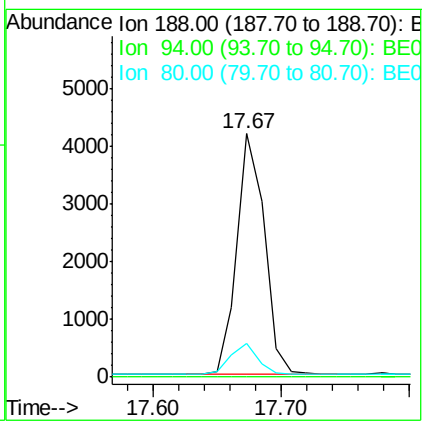


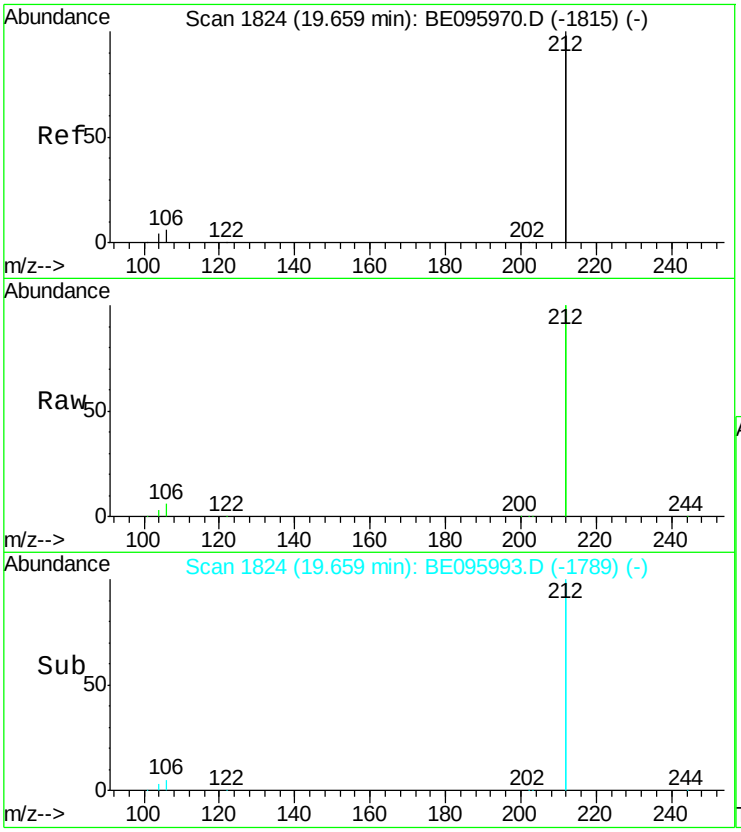


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:188 Resp: 6248

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



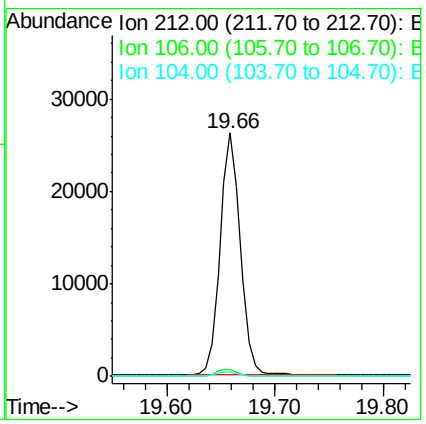


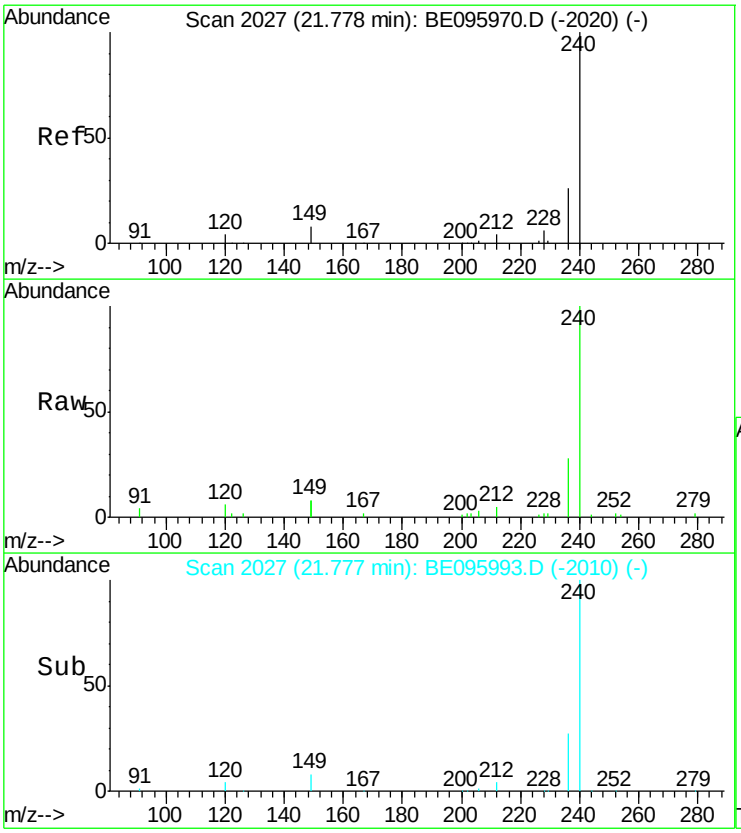
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion:212 Resp: 33824

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.8	1.6	2.4

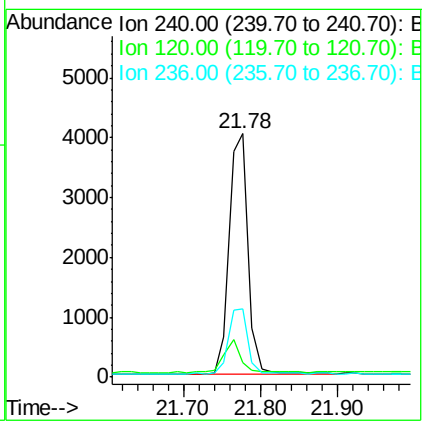


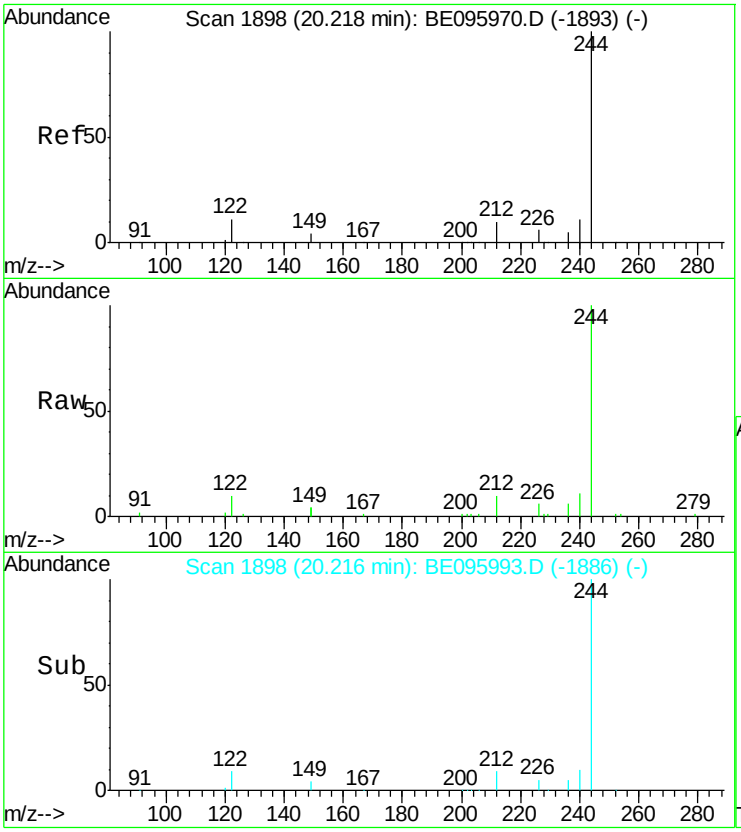


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:240 Resp: 6812

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.5	8.3
236	27.8	20.7	31.1



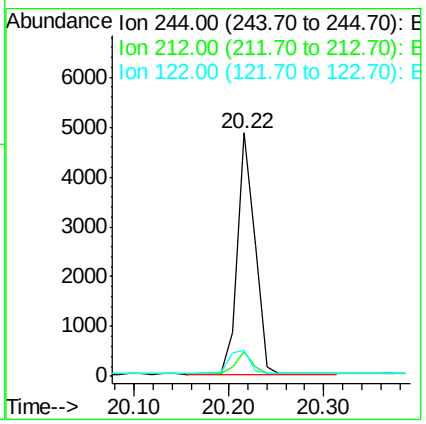


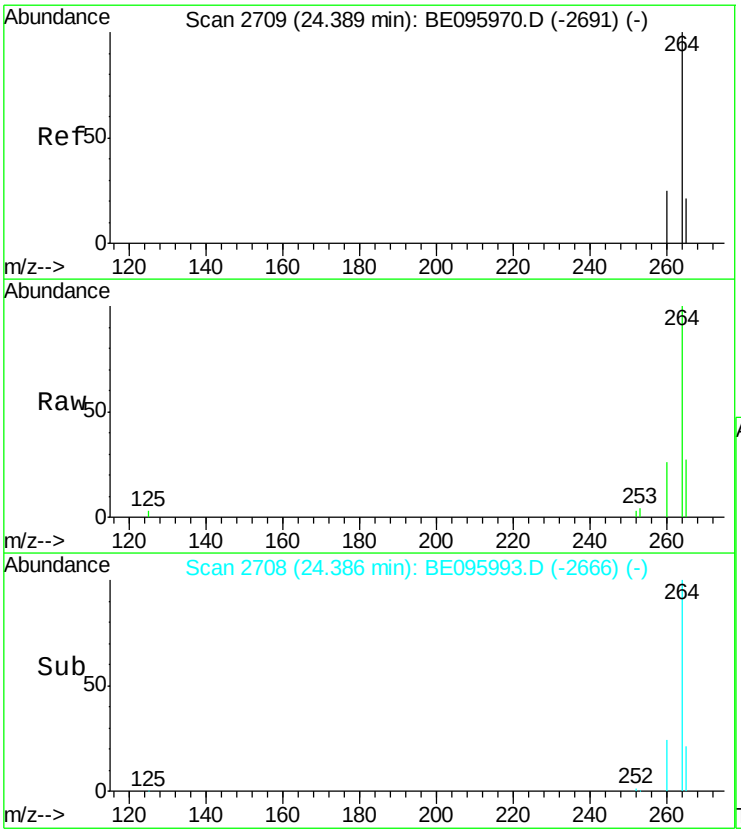
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 20.22 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_E
ClientSampleId :
PB108210BL

Tgt Ion:244 Resp: 6185

Ion	Ratio	Lower	Upper
244	100		
212	10.1	25.4	38.0#
122	10.5	8.1	12.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2708
Delta R.T. 0.00 min
Lab File: BE095993.D
Acq: 13 Apr 2018 12:43

Tgt Ion:264 Resp: 6779

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	27.3	22.8	34.2