Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095552.D
Acq On : 7 Feb 2018 14:41
Operator : SJ/JU
Sample : PB106170BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB106170BL

Quant Time: Feb 08 02:02:57 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1248	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4537	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2375	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5738	0.40	ng	0.00
27) Chrysene-d12	21.81	240	5807	0.40	ng	0.02
34) Perylene-d12	24.43	264	5360	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1267	0.34	ng	0.00
5) Phenol-d6	7.56	99	1656	0.32	ng	0.00
8) Nitrobenzene-d5	9.61	82	1721	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2620	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	215	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4281	0.42	ng	0.00
25) Fluoranthene-d10	19.69	212	27402	0.36	ng	0.00
29) Terphenyl-d14	20.25	244	5130	0.41	ng	0.00
Target Compounds						Qvalue

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

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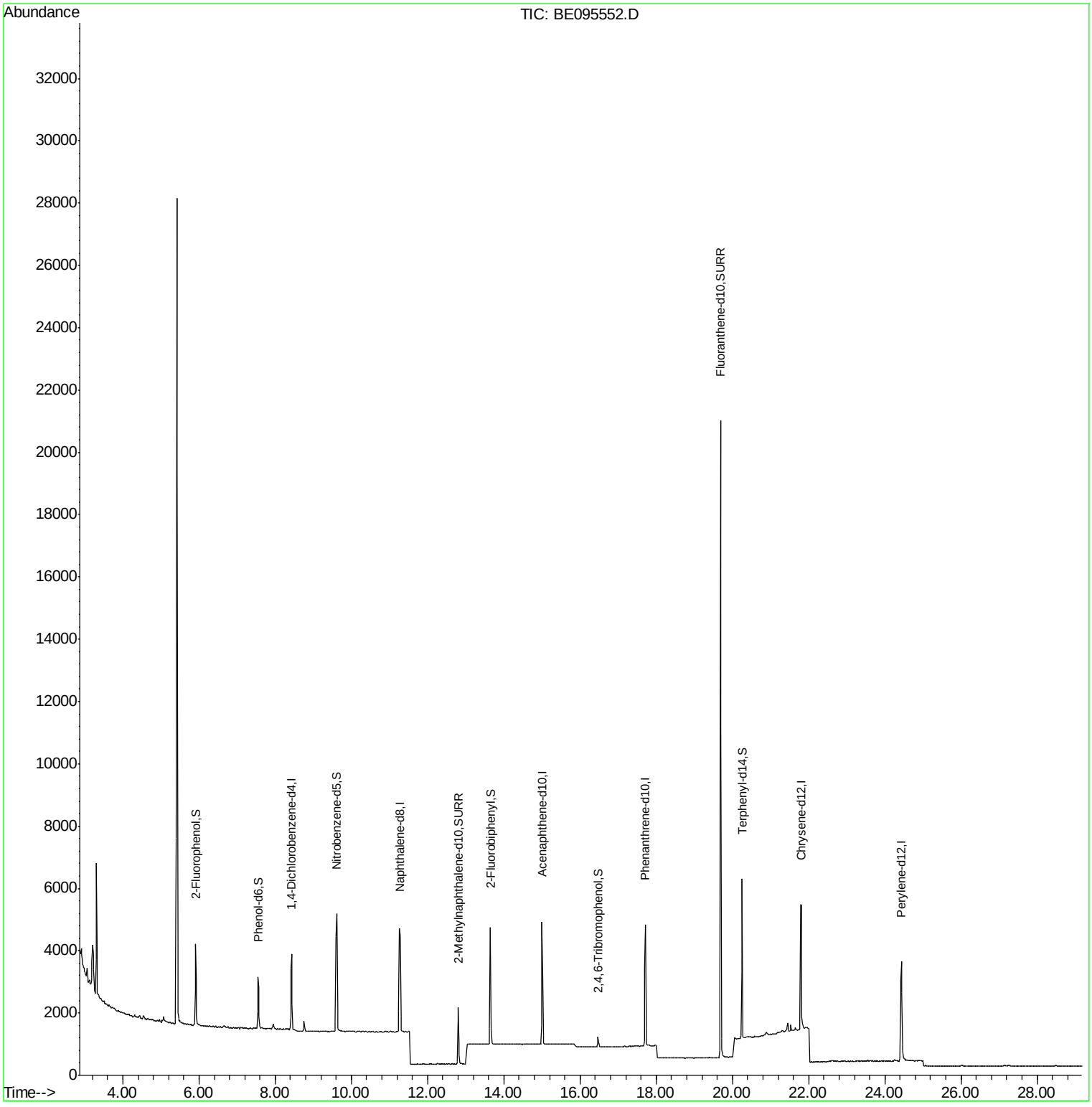
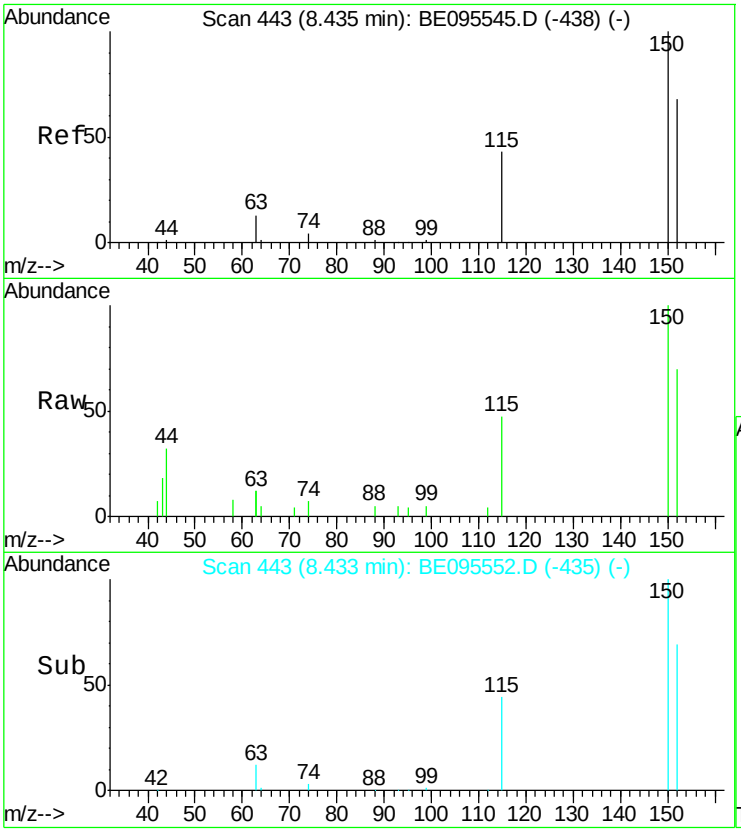


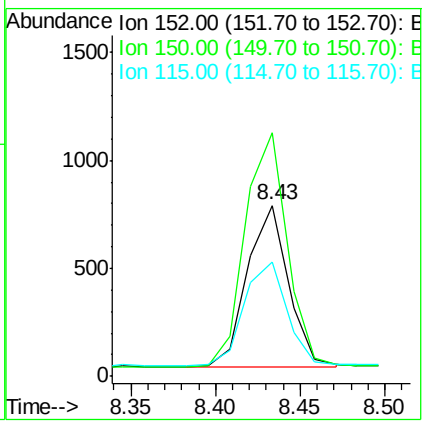


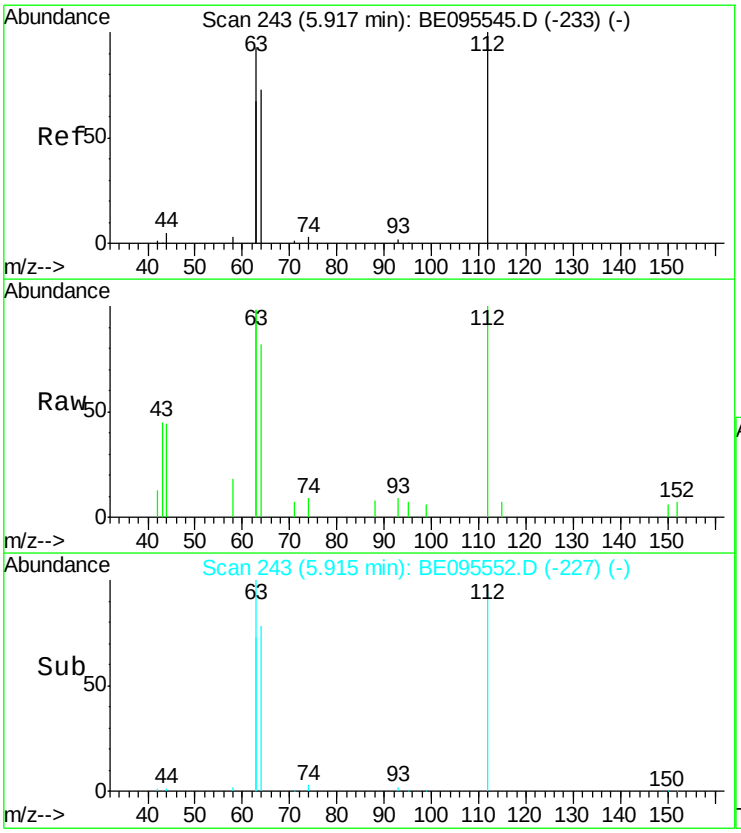
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion:152 Resp: 1248

Ion	Ratio	Lower	Upper
152	100		
150	142.6	117.2	175.8
115	66.9	57.0	85.6

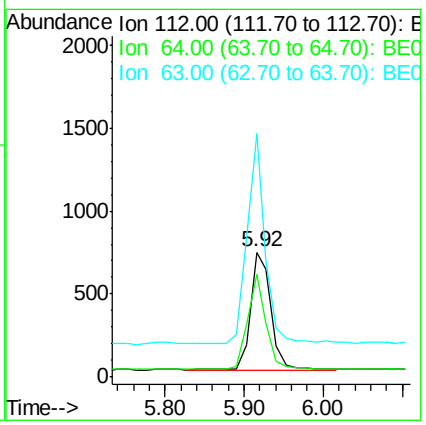


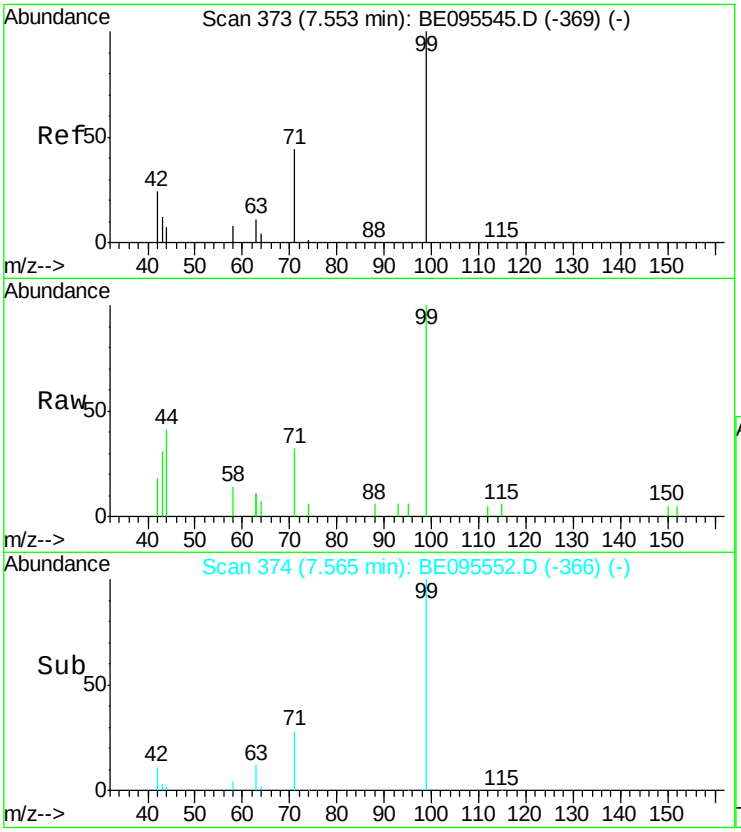


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:112 Resp: 1267

Ion	Ratio	Lower	Upper
112	100		
64	74.2	60.1	90.1
63	162.3	116.8	175.2



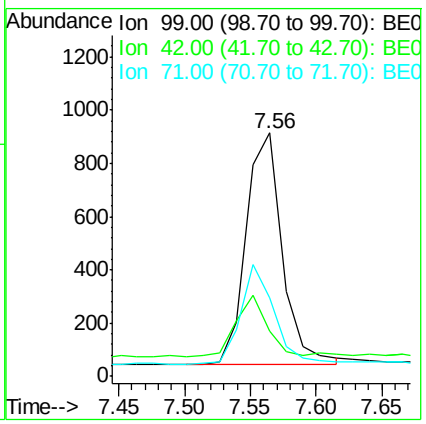


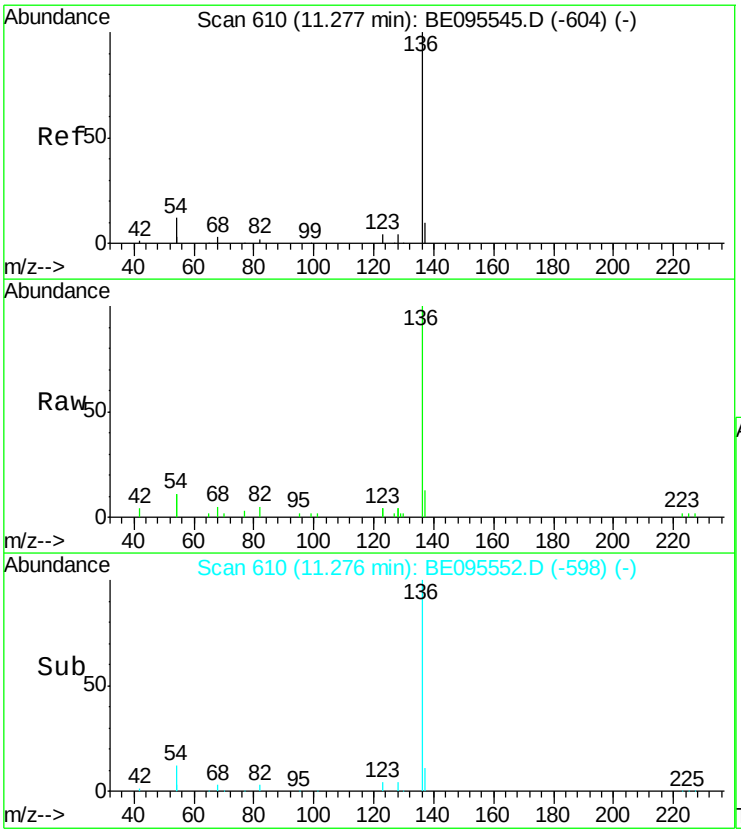
#5
Phenol-d6
Concen: 0.318 ng
RT: 7.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion: 99 Resp: 1656

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.2	30.2
71	40.0	28.4	42.6

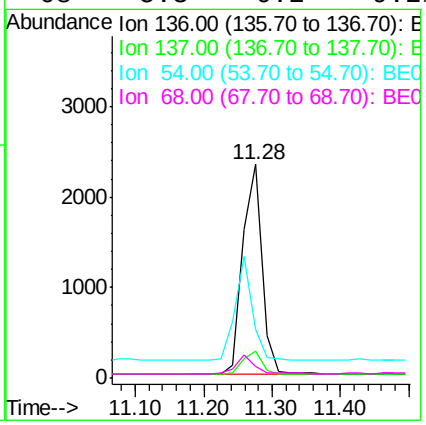


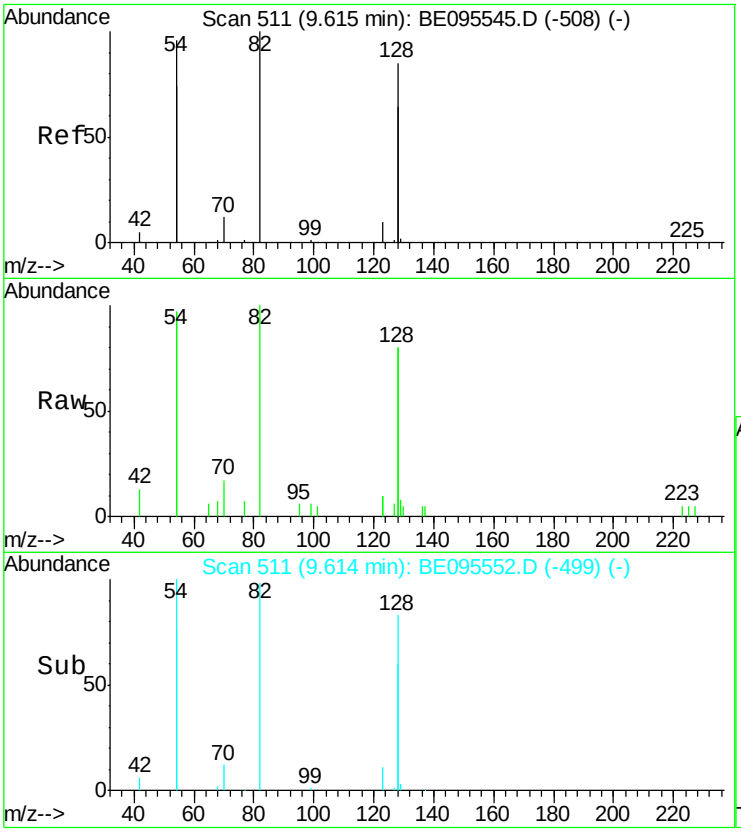


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:136 Resp: 4537

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	22.9	29.1	43.7#
68	5.3	6.2	9.2#



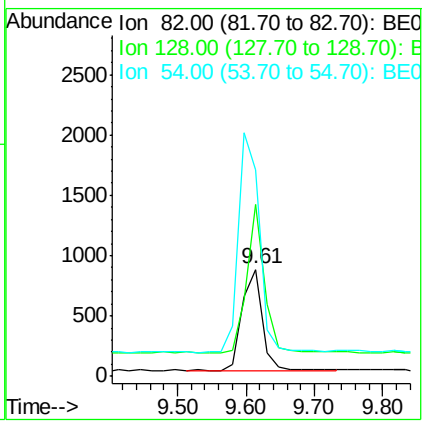


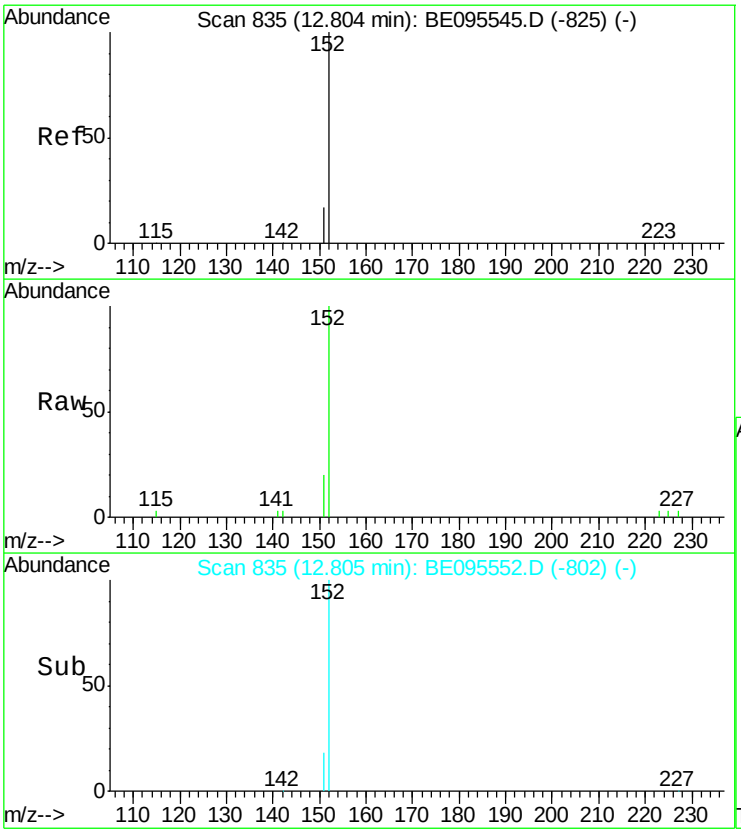
#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion: 82 Resp: 1721

Ion	Ratio	Lower	Upper
82	100		
128	160.1	150.0	225.0
54	193.0	154.2	231.4

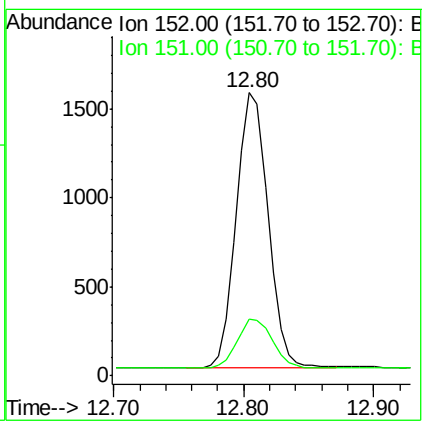


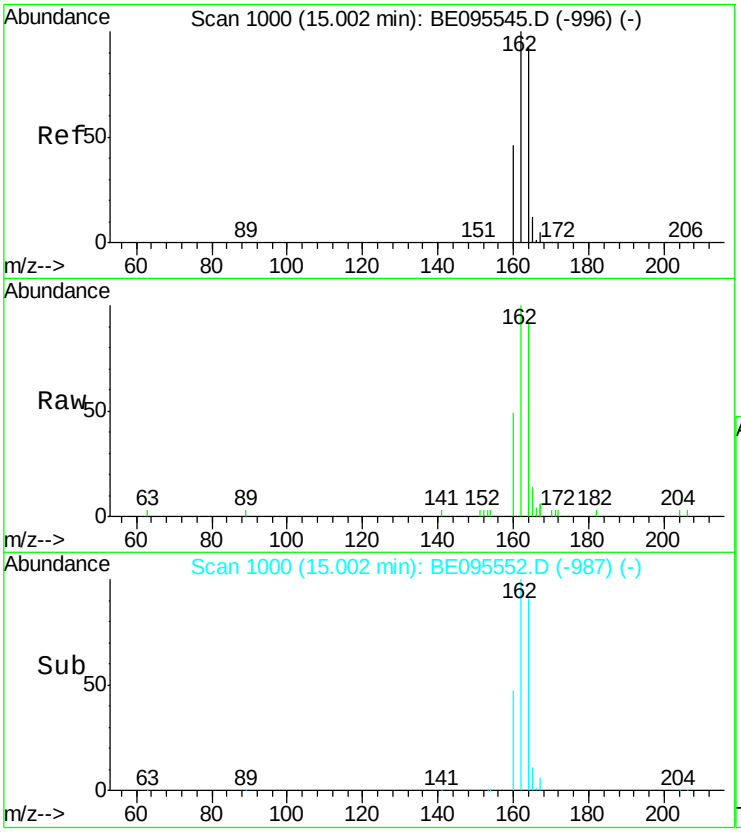


#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:152 Resp: 2620

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0



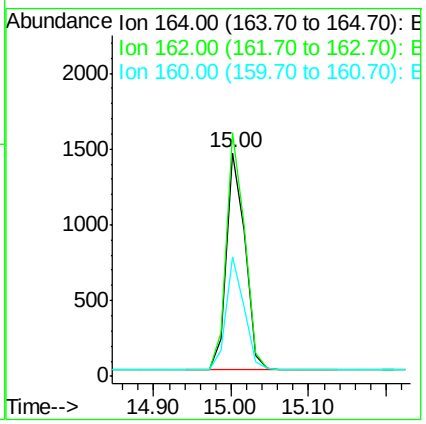


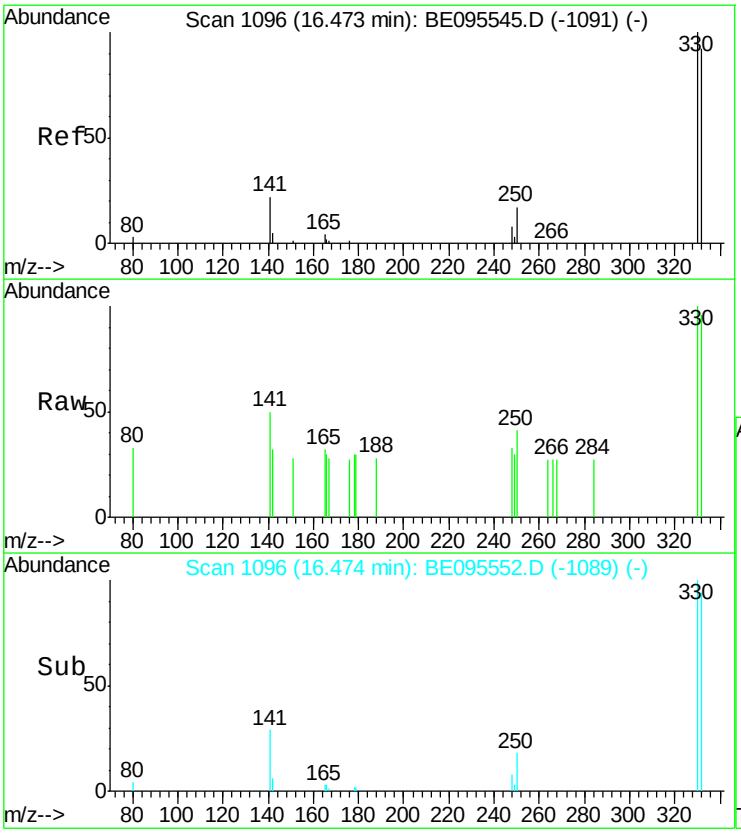
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion:164 Resp: 2375

Ion	Ratio	Lower	Upper
164	100		
162	109.1	83.1	124.7
160	53.3	37.1	55.7

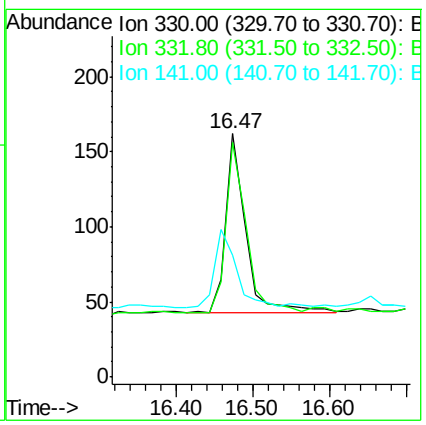


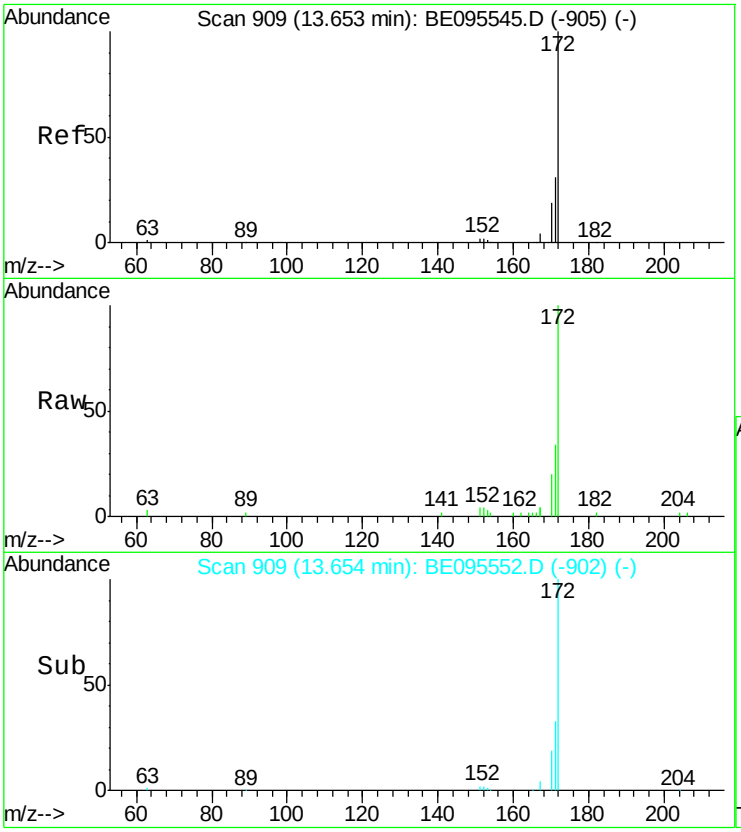


#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	50.7	33.7	50.5#



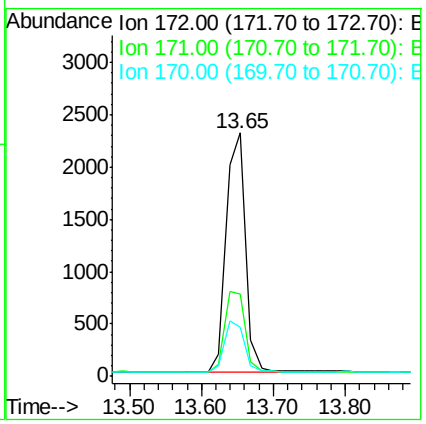


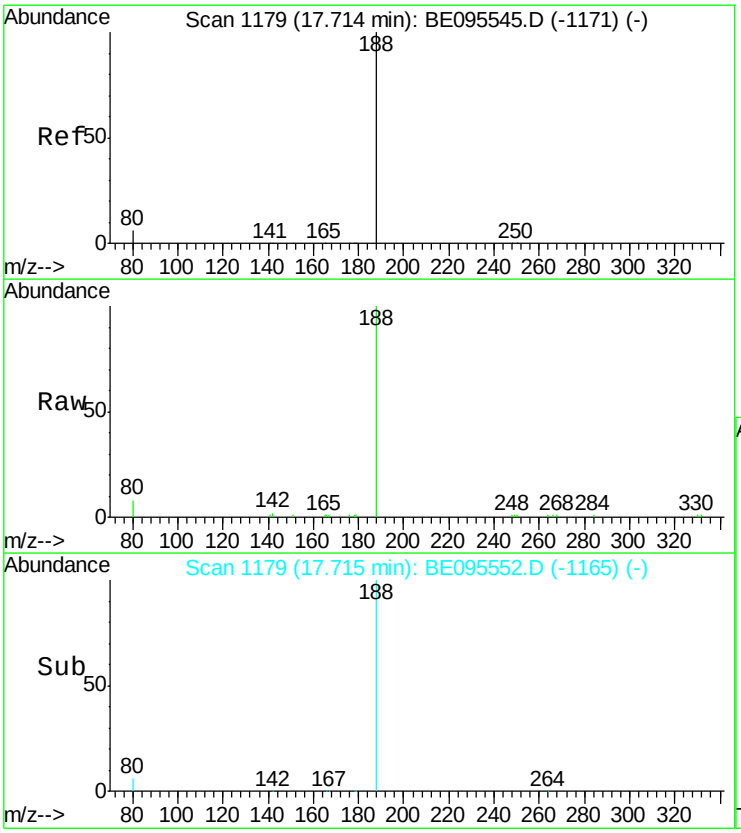
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion:172 Resp: 4281

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	20.3	21.8	32.8#

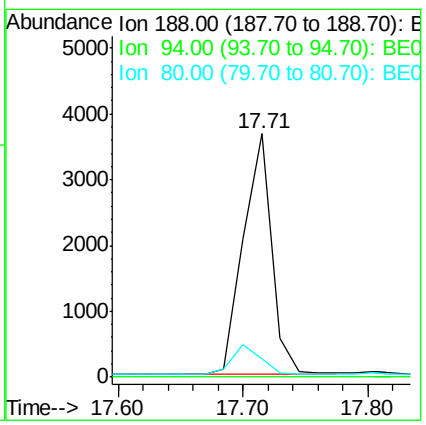


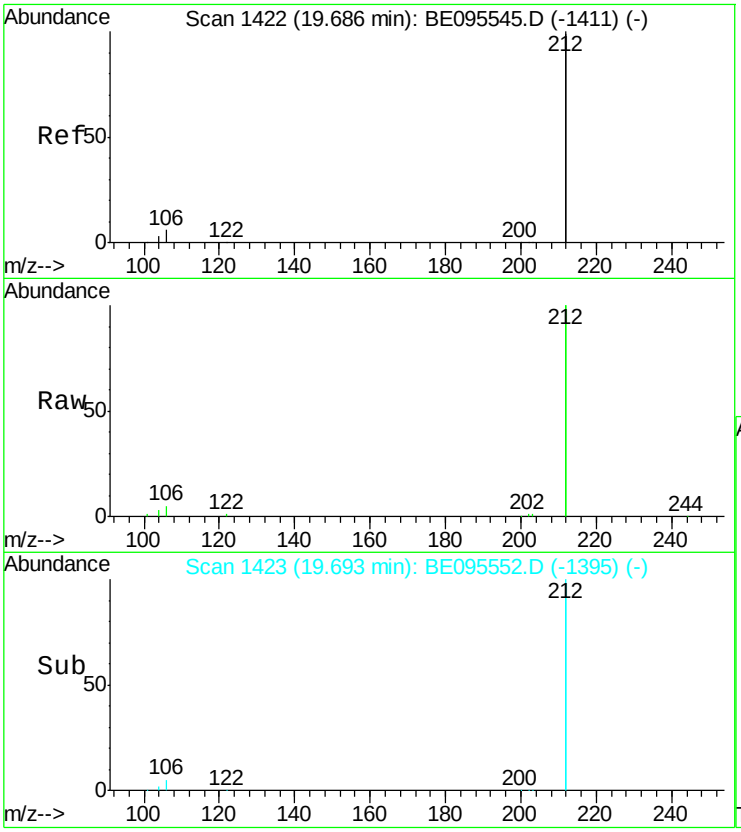


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:188 Resp: 5738

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.5	3.6	5.4#



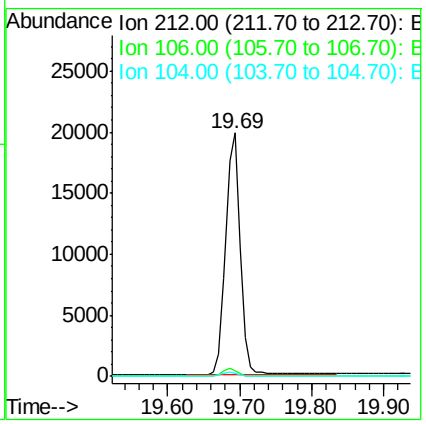


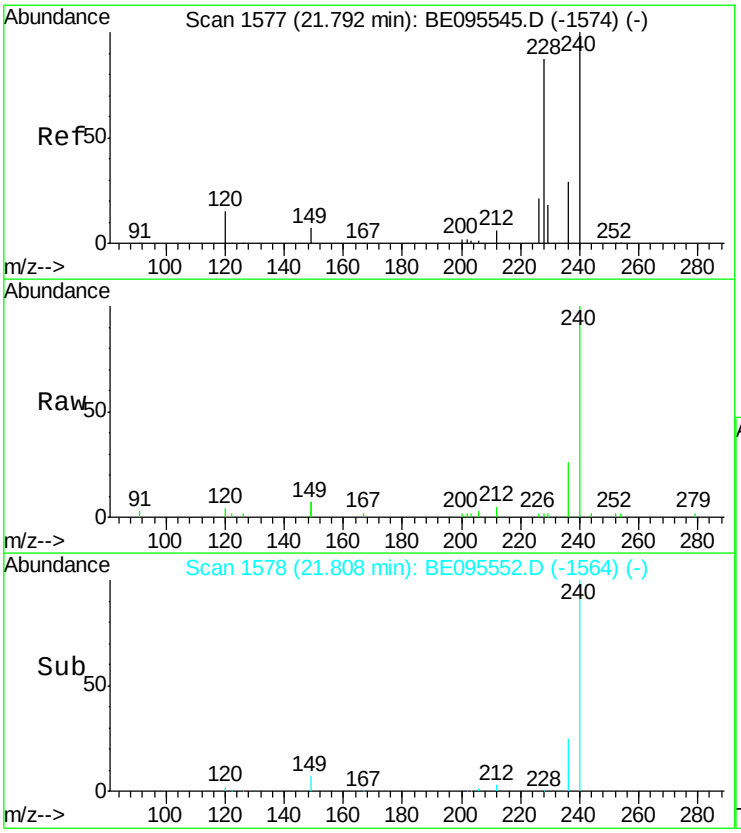
#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion:212 Resp: 27402

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

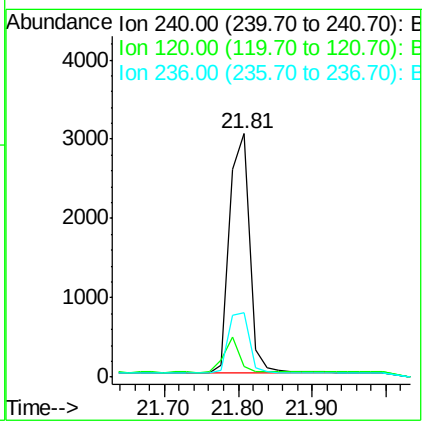


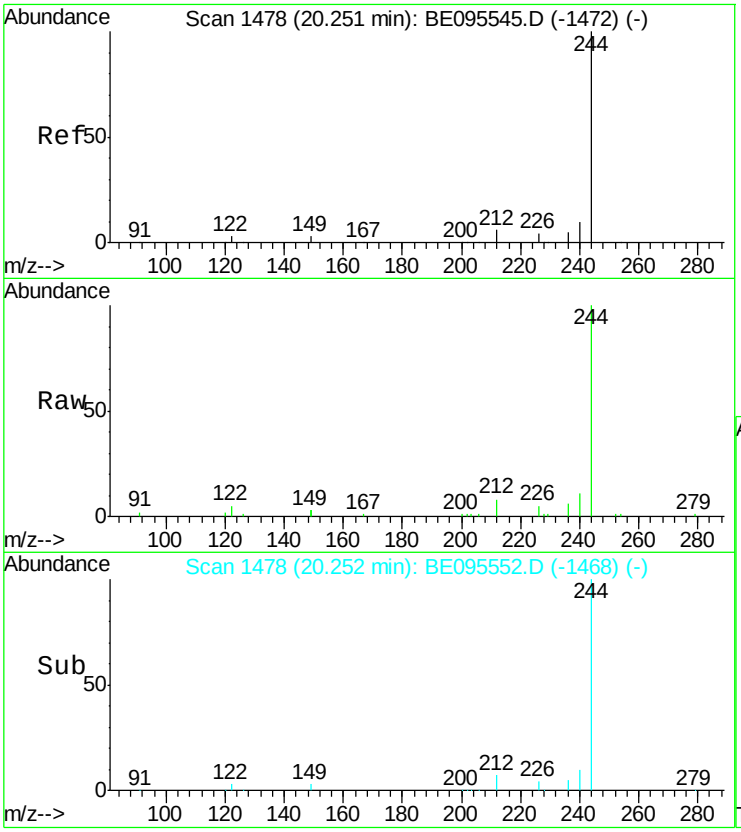


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.81 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:240 Resp: 5807

Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.5	8.3#
236	26.4	20.7	31.1



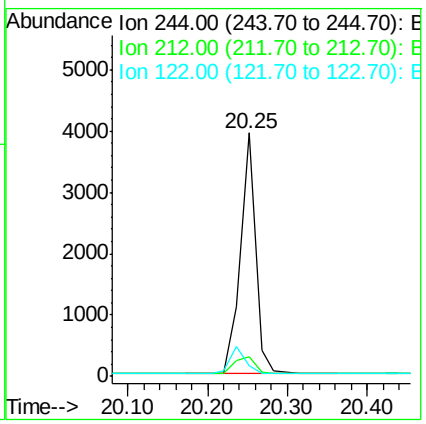


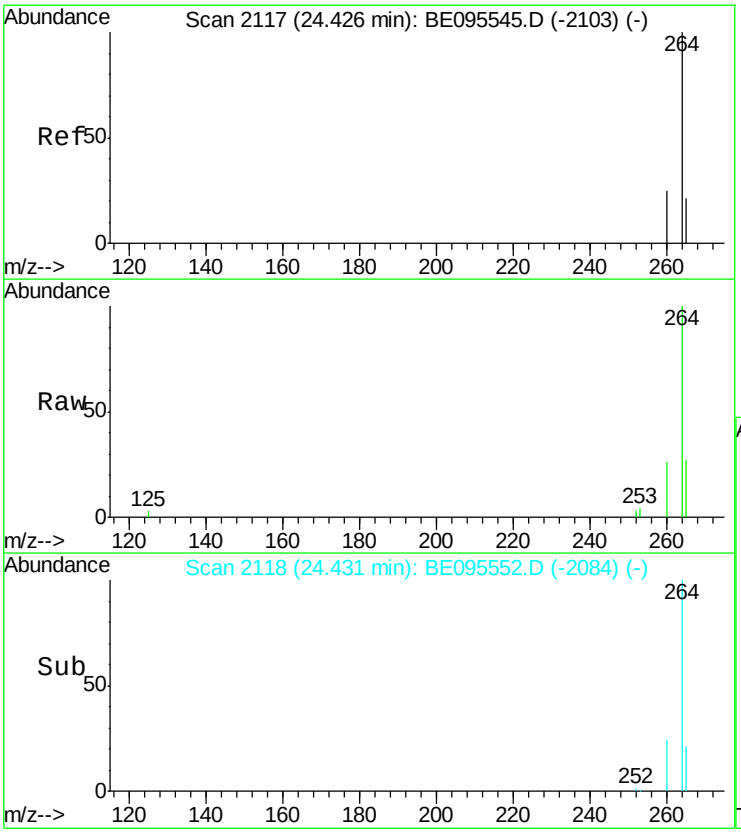
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_E
ClientSampleId :
PB106170BL

Tgt Ion:244 Resp: 5130

Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	4.5	8.1	12.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095552.D
Acq: 7 Feb 2018 14:41

Tgt Ion:264 Resp: 5360

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.7	22.8	34.2