Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062118\
Data File : BE096839.D
Acq On : 21 Jun 2018 11:22
Operator : SJ/JU
Sample : PB110435BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB110435BL

Quant Time: Jun 22 03:00:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 15:45:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3287	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13790	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5784	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14898	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12807	0.40	ng	0.00
34) Perylene-d12	23.22	264	10797	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	2423	0.33	ng	0.01
5) Phenol-d6	6.59	99	3196	0.29	ng	0.00
8) Nitrobenzene-d5	8.53	82	2734	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	6219	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	287	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	8469	0.40	ng	0.00
25) Fluoranthene-d10	18.81	212	49396	0.38	ng	0.00
29) Terphenyl-d14	19.44	244	9624	0.39	ng	0.00
Target Compounds						Qvalue

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

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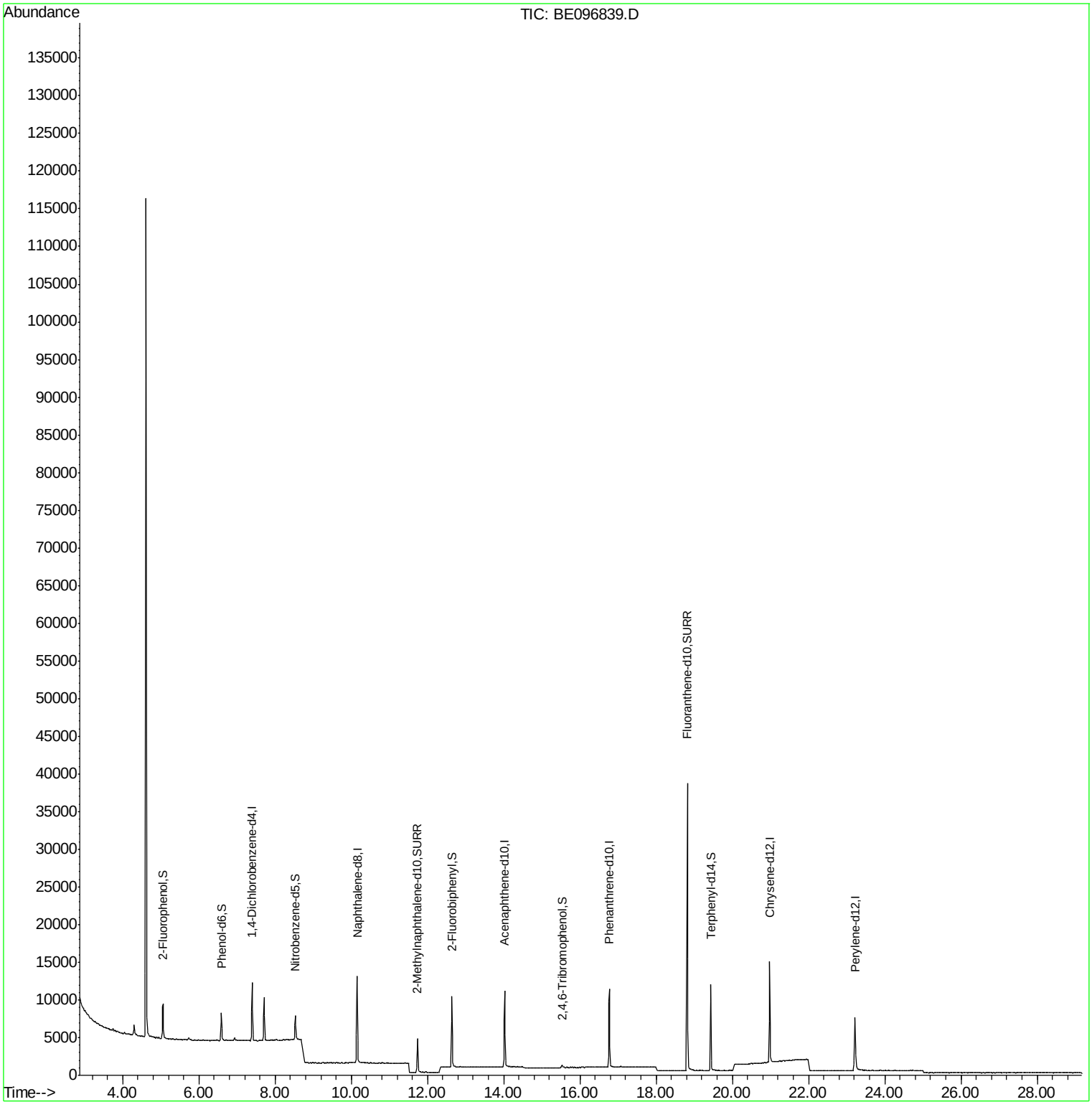
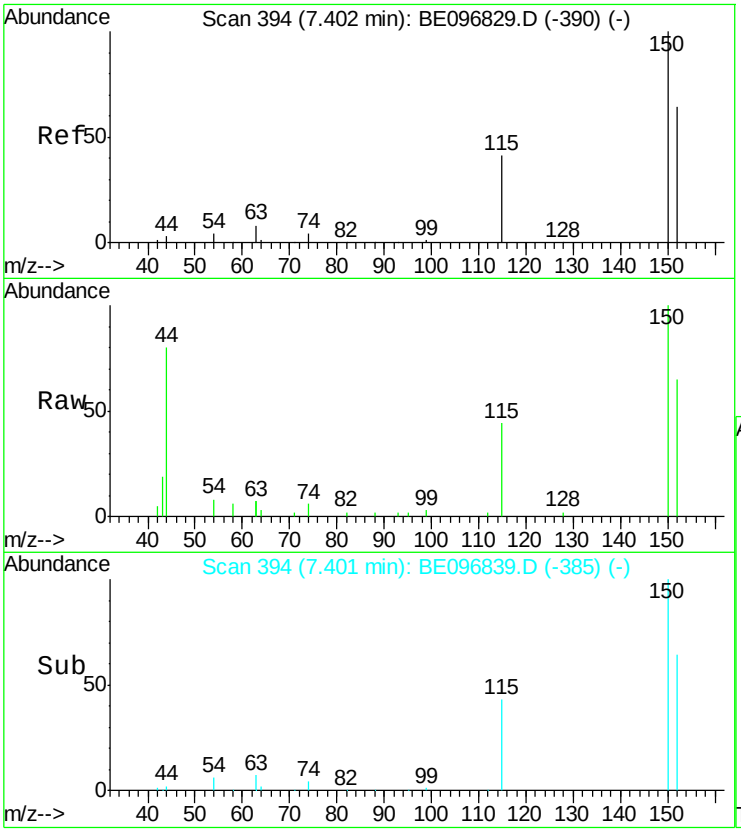


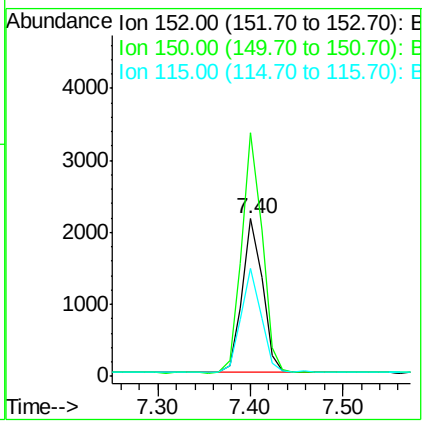


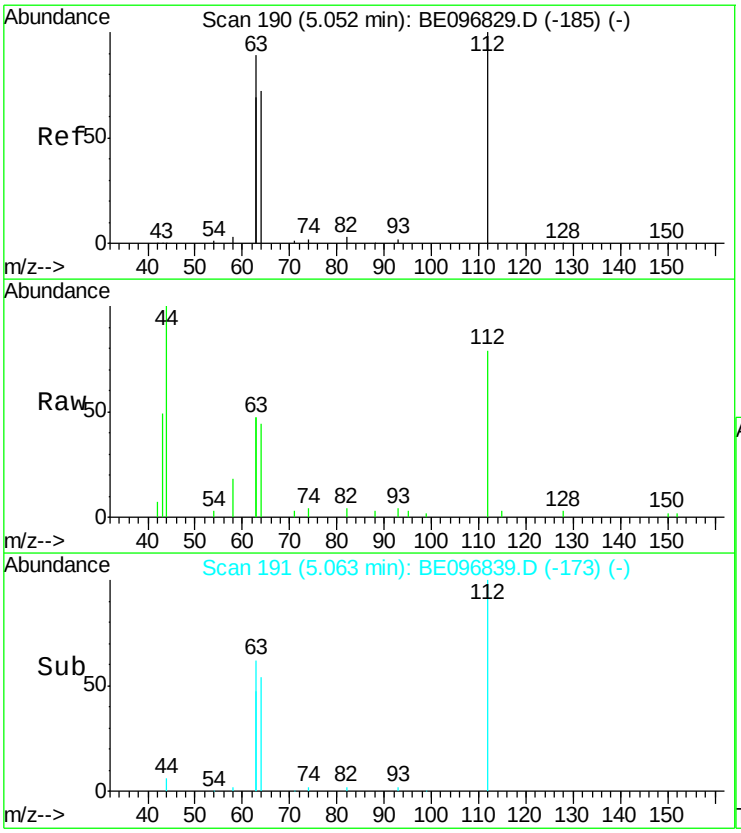
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion:152 Resp: 3287

Ion	Ratio	Lower	Upper
152	100		
150	154.7	117.2	175.8
115	68.5	57.0	85.6

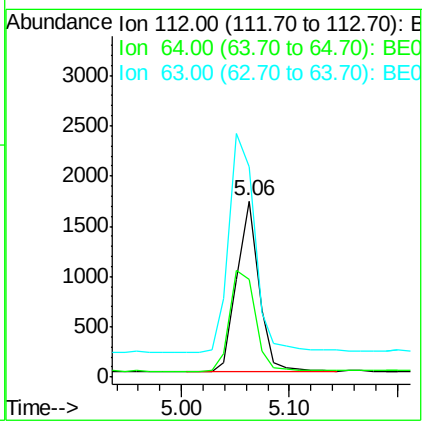


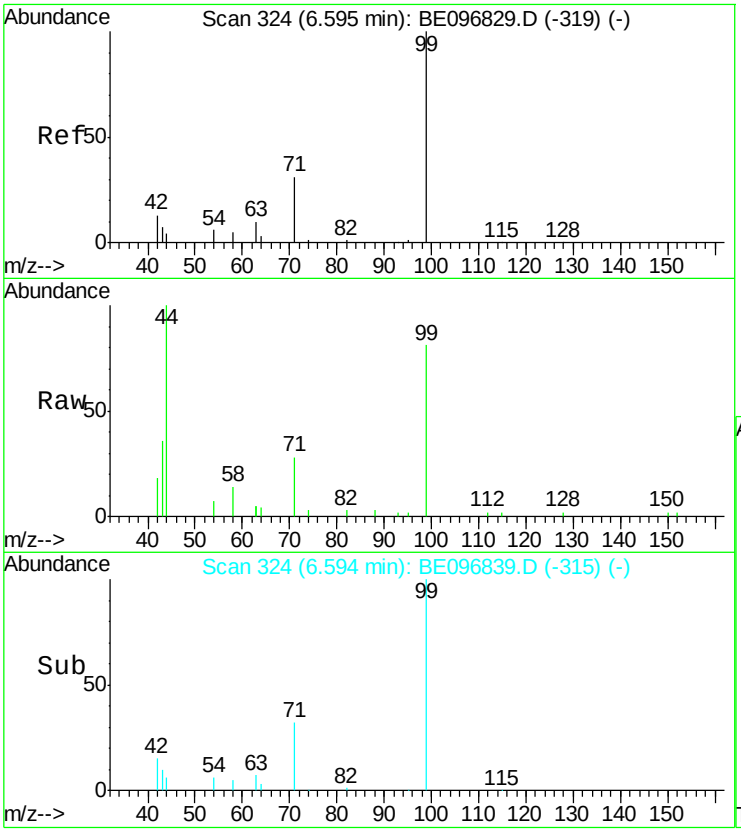


#4
2-Fluorophenol
Concen: 0.330 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:112 Resp: 2423

Ion	Ratio	Lower	Upper
112	100		
64	70.2	60.1	90.1
63	152.0	116.8	175.2



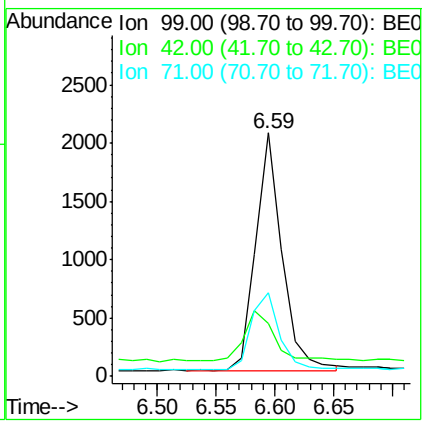


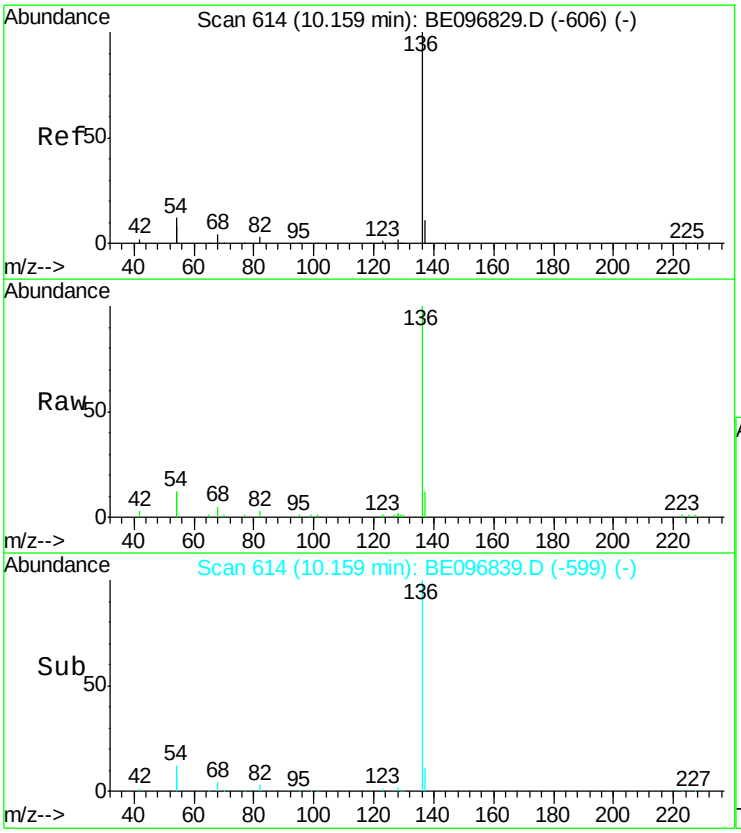
#5
Phenol-d6
Concen: 0.292 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion: 99 Resp: 3196

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	35.3	28.4	42.6

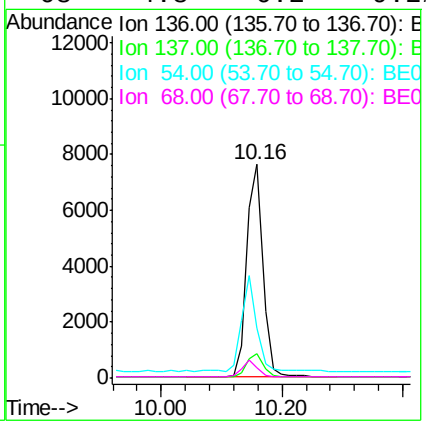


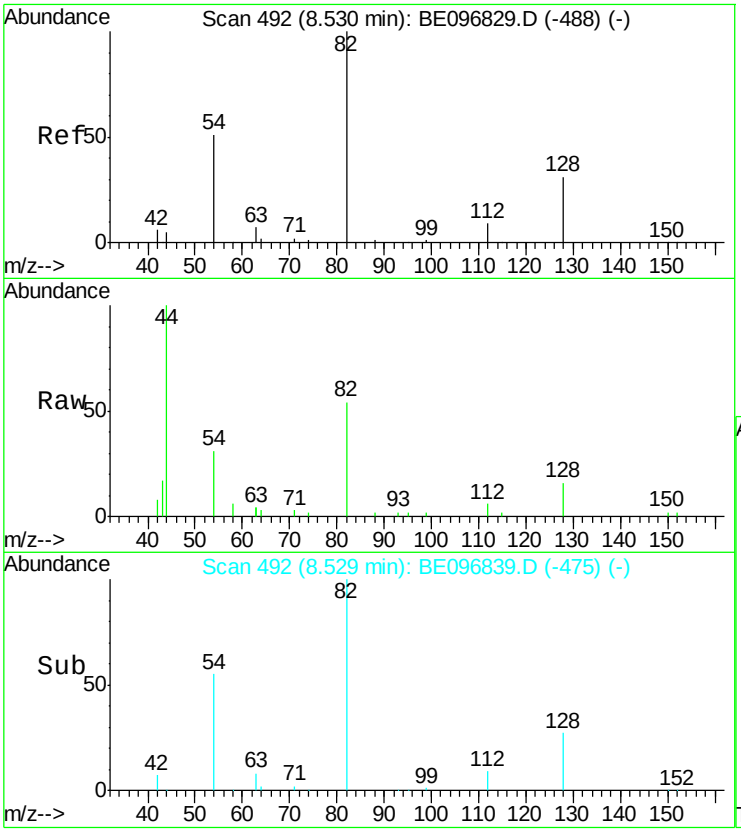


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:136 Resp: 13790

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	23.2	29.1	43.7#
68	4.8	6.2	9.2#



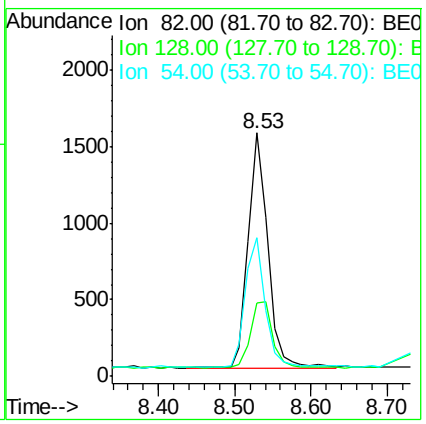


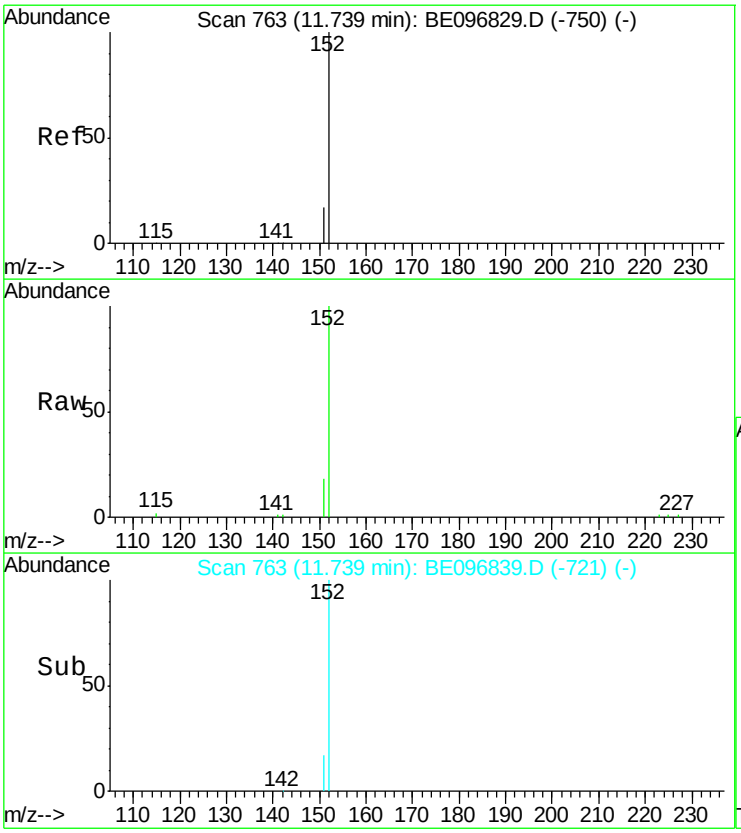
#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion: 82 Resp: 2734

Ion	Ratio	Lower	Upper
82	100		
128	29.9	24.0	36.0
54	56.9	40.0	60.0

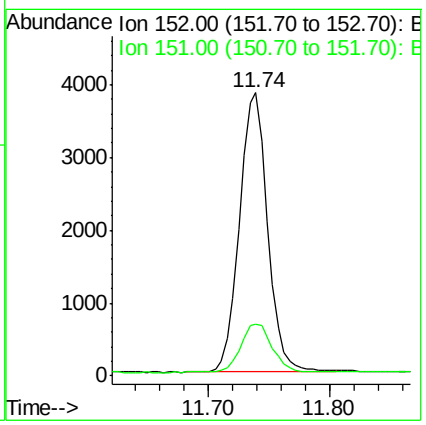


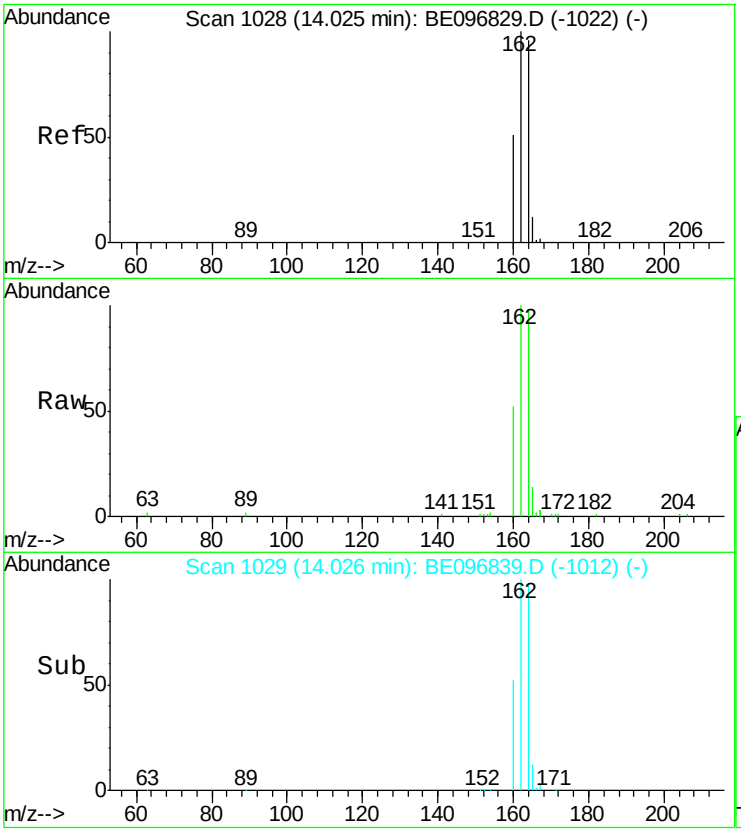


#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:152 Resp: 6219

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0



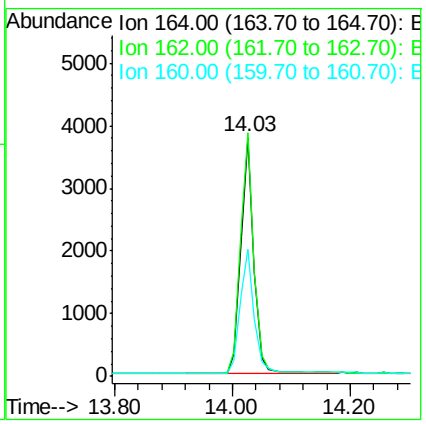


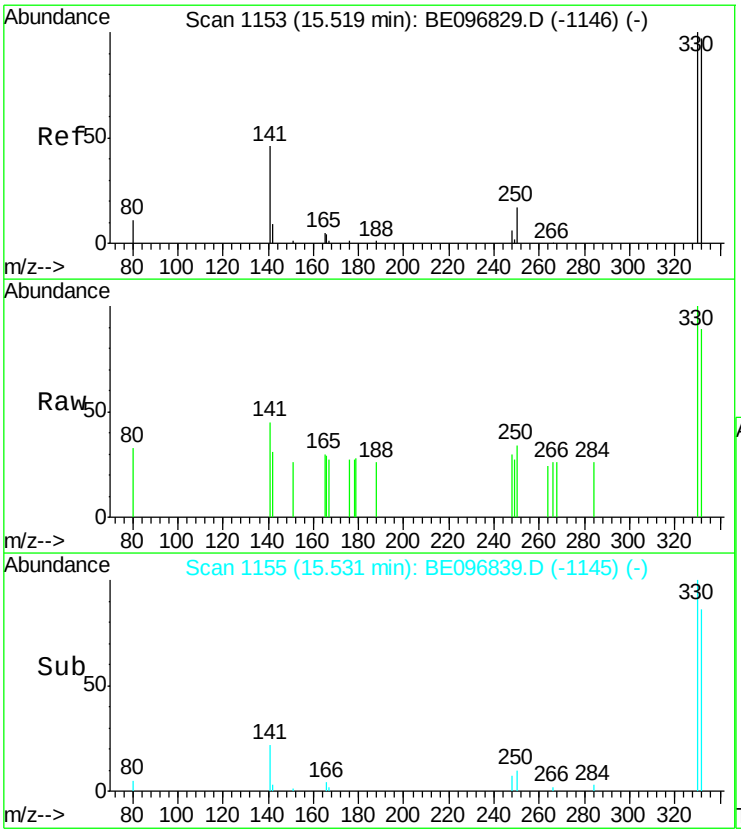
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion:164 Resp: 5784

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.1	124.7
160	53.3	37.1	55.7

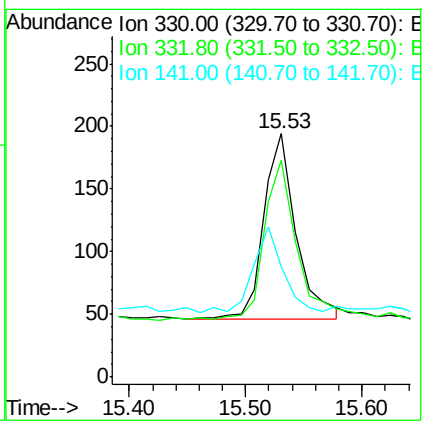


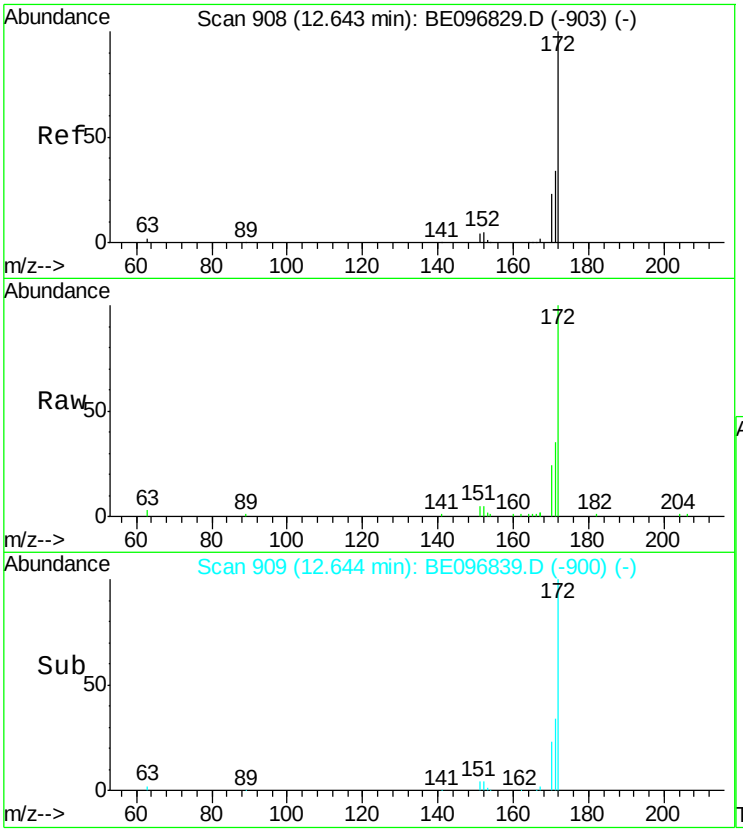


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	84.3	152.7	229.1#
141	43.2	33.7	50.5



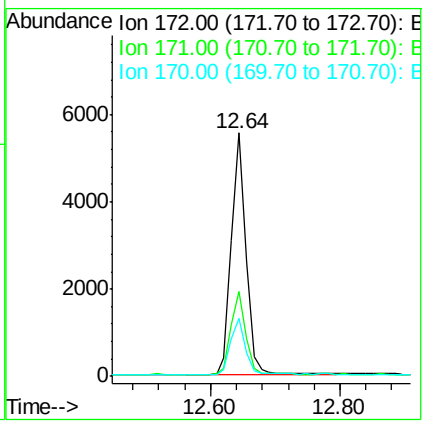


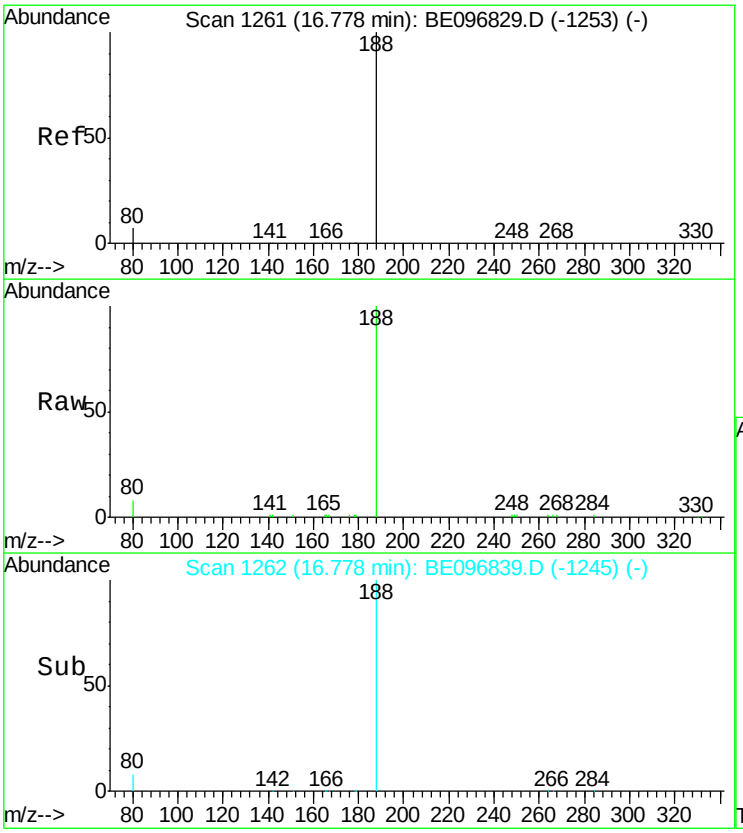
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion:172 Resp: 8469

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	24.0	21.8	32.8

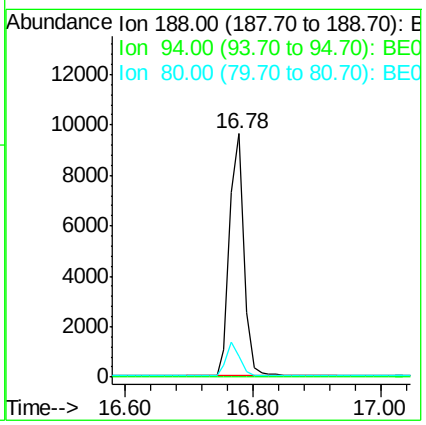


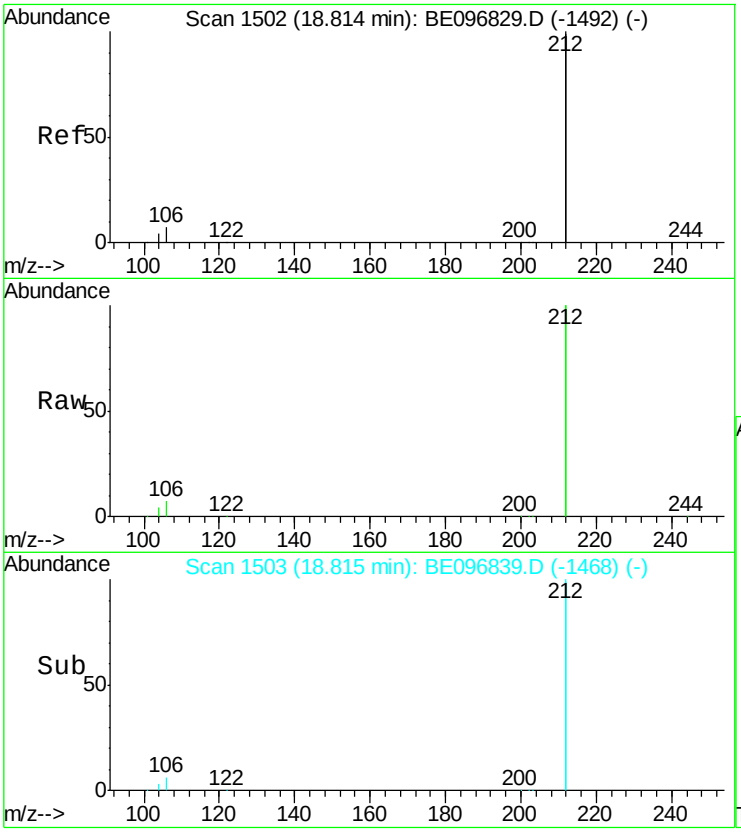


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:188 Resp: 14898

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#



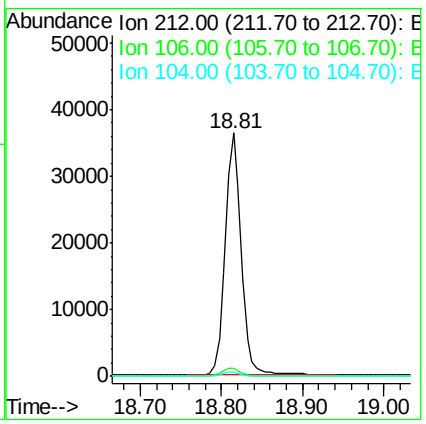


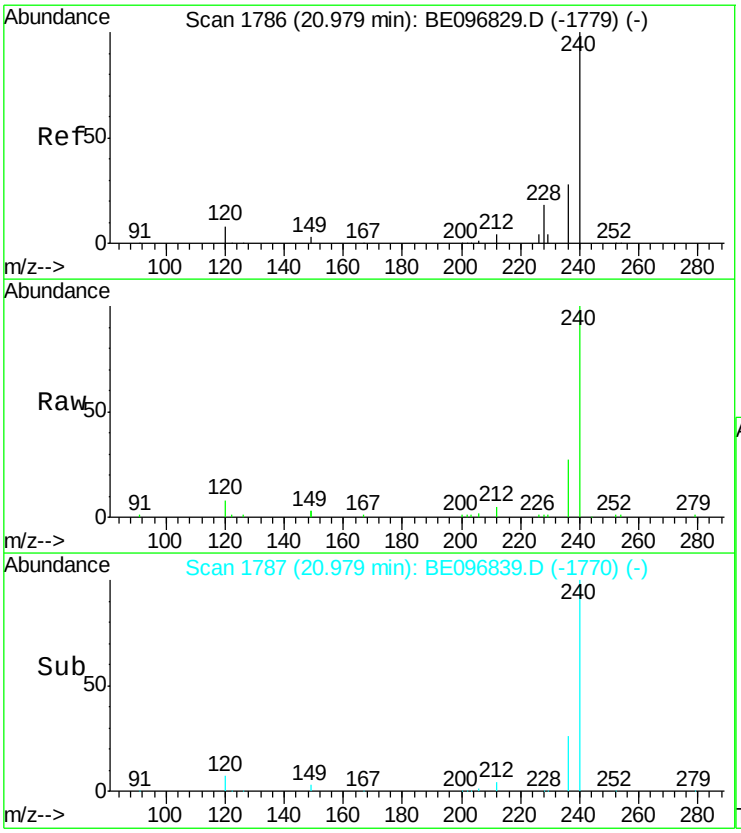
#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion:212 Resp: 49396

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4

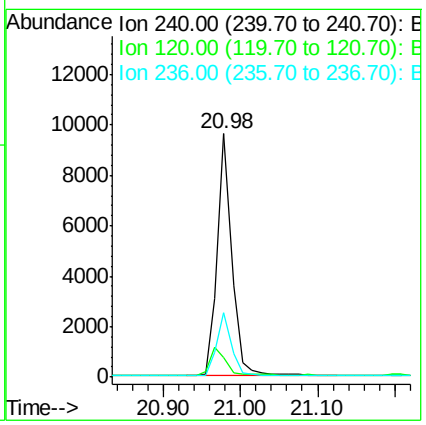


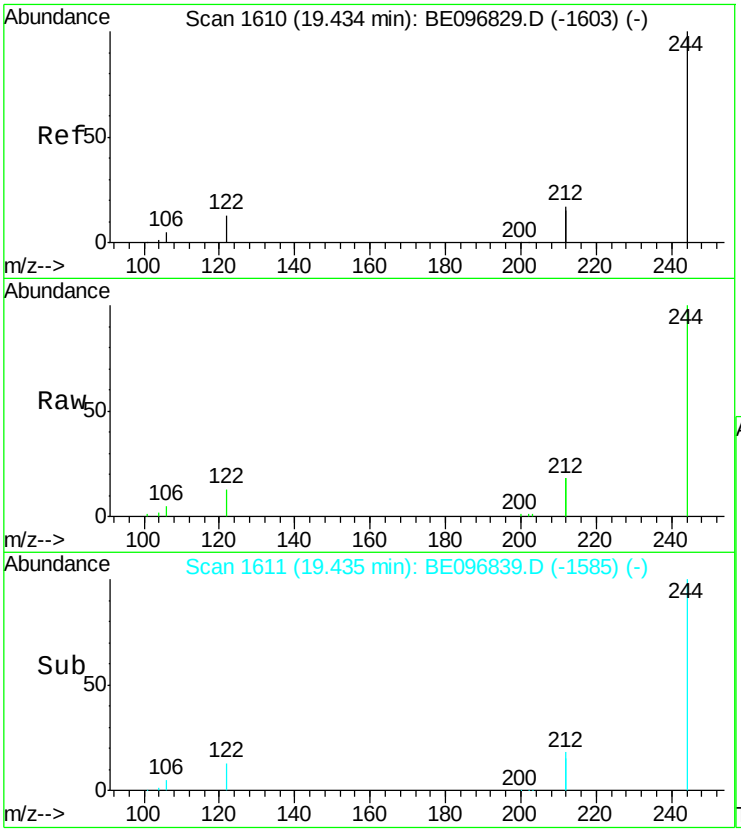


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:240 Resp: 12807

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	26.6	20.7	31.1



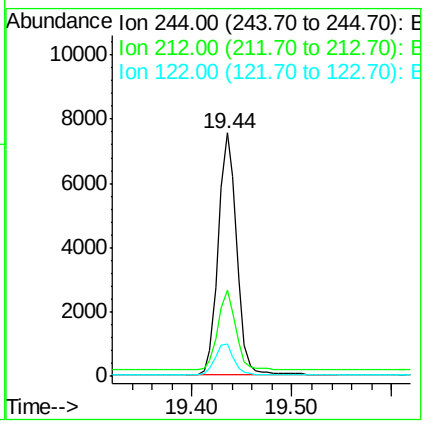


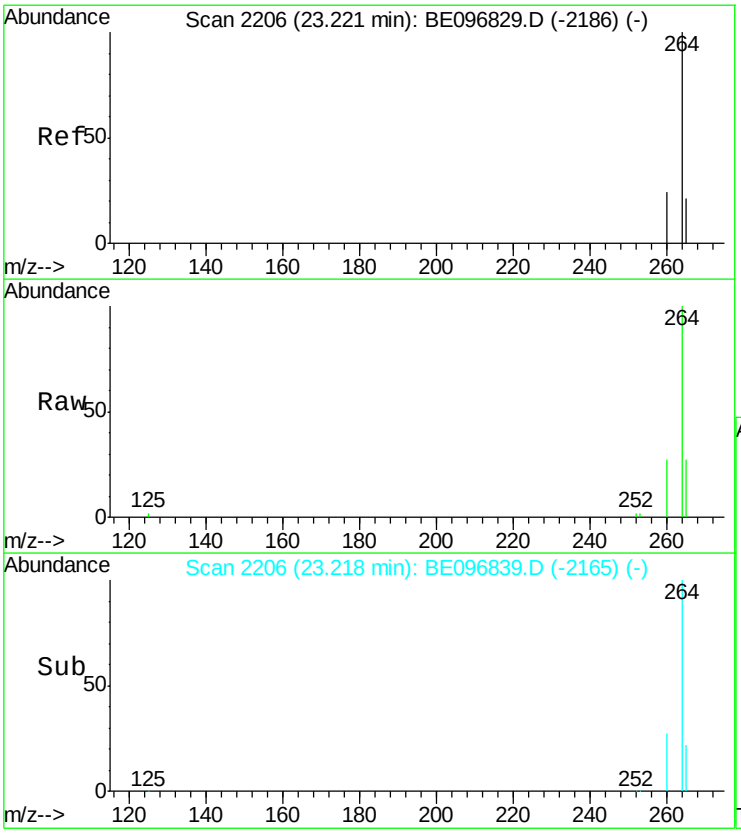
#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Instrument :
BNA_E
ClientSampleId :
PB110435BL

Tgt Ion:244 Resp: 9624

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.4	38.0
122	13.4	8.1	12.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE096839.D
Acq: 21 Jun 2018 11:22

Tgt Ion:264 Resp: 10797

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	27.0	22.8	34.2