Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097442.D
Acq On : 10 Sep 2018 10:47
Operator : SJ/JU
Sample : PB112668BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB112668BL

Quant Time: Sep 10 13:30:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	986	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4275	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2182	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	5534	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7609	0.40	ng	0.00
34) Perylene-d12	23.20	264	8127	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1374	0.47	ng	0.00
5) Phenol-d6	6.60	99	1569	0.40	ng	0.00
8) Nitrobenzene-d5	8.52	82	1316	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2627	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	259	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3673	0.46	ng	0.01
25) Fluoranthene-d10	18.80	212	30626	0.48	ng	0.00
29) Terphenyl-d14	19.42	244	5297	0.38	ng	0.00
Target Compounds						Qvalue

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

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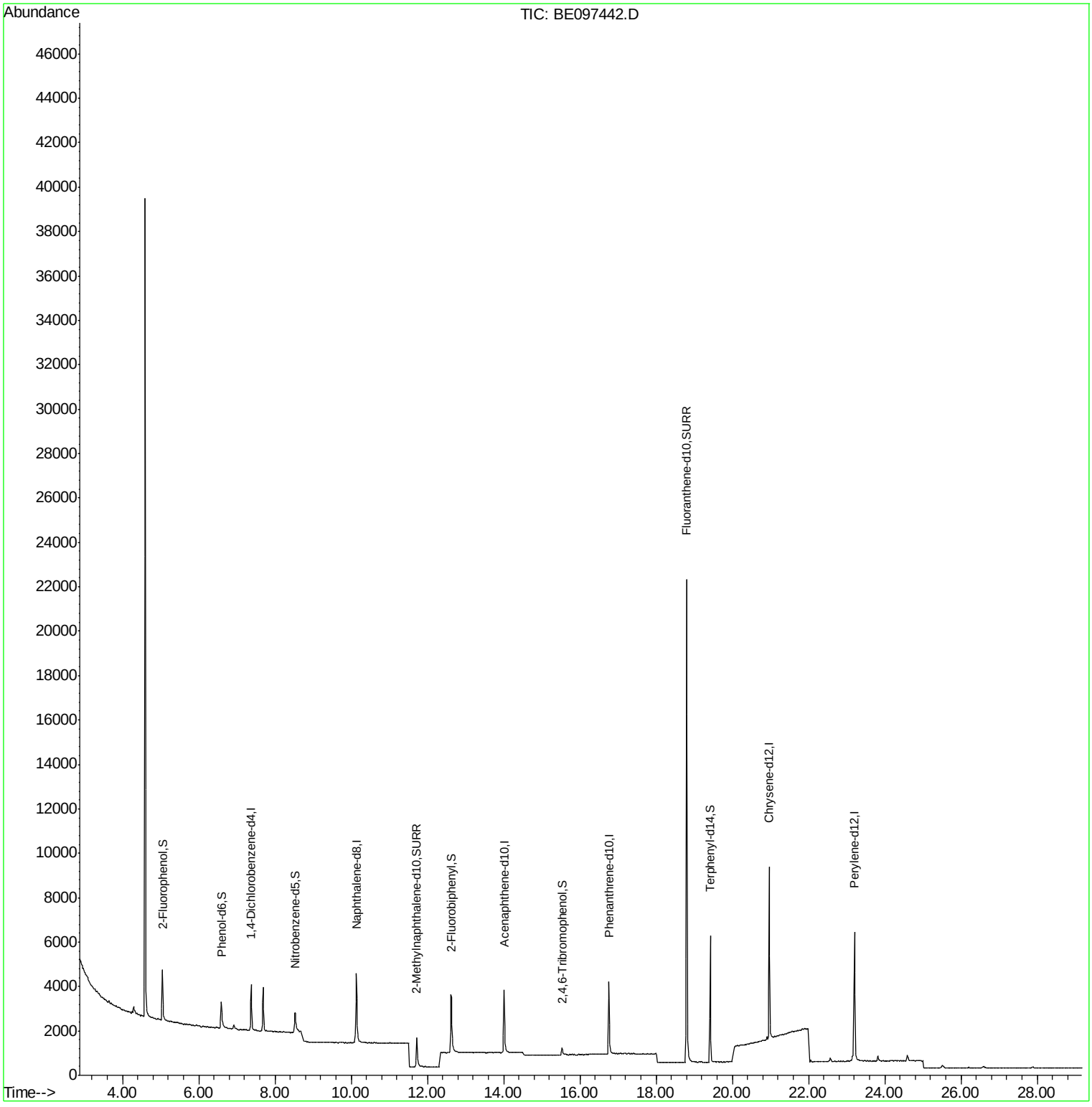
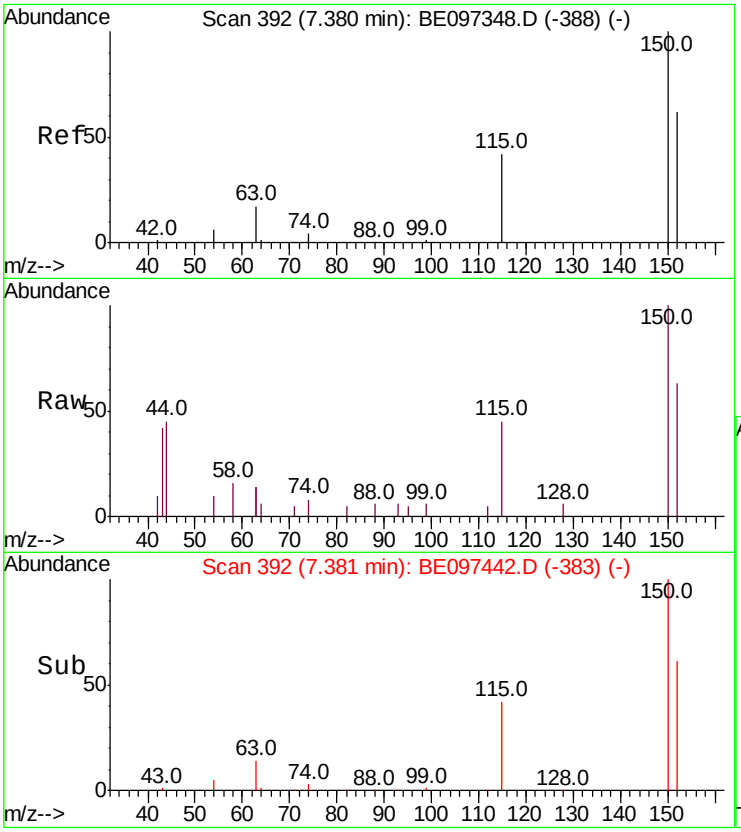


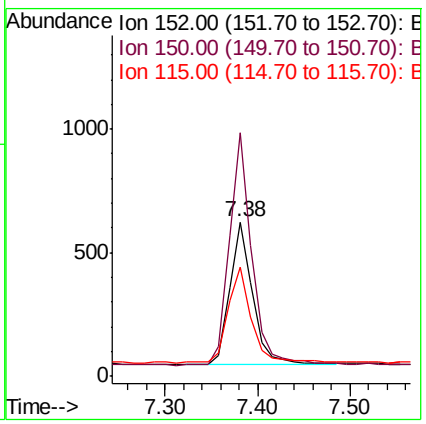


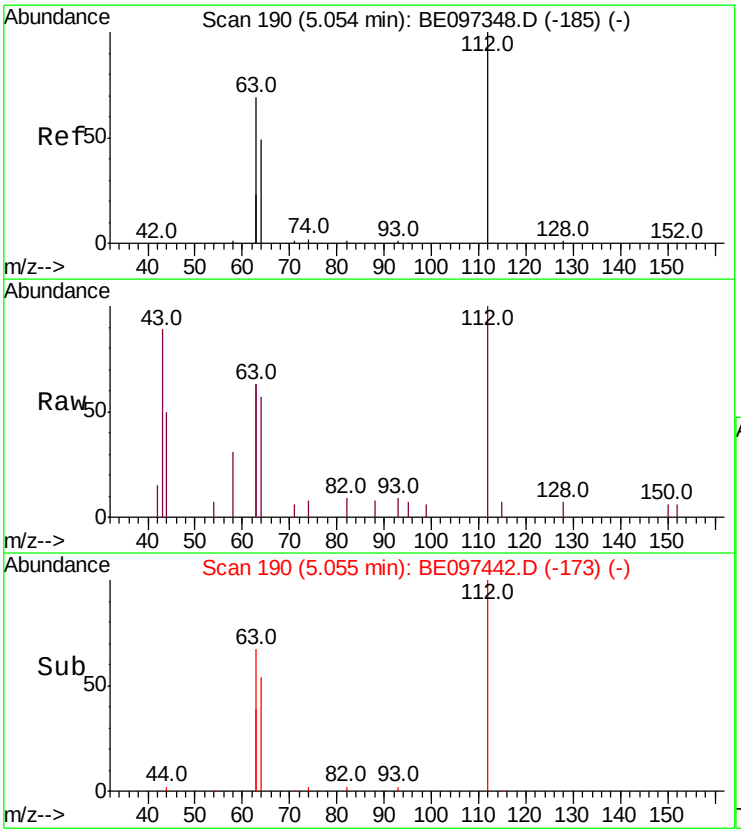
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion:152 Resp: 986

Ion	Ratio	Lower	Upper
152	100		
150	157.9	117.2	175.8
115	71.2	57.0	85.6

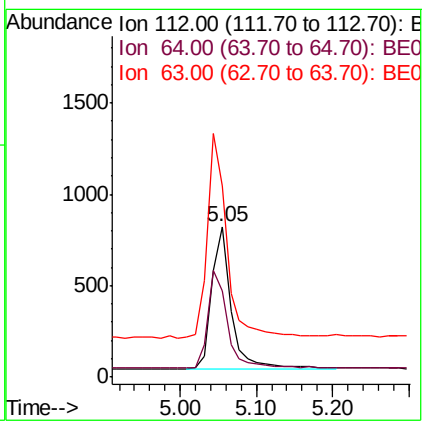


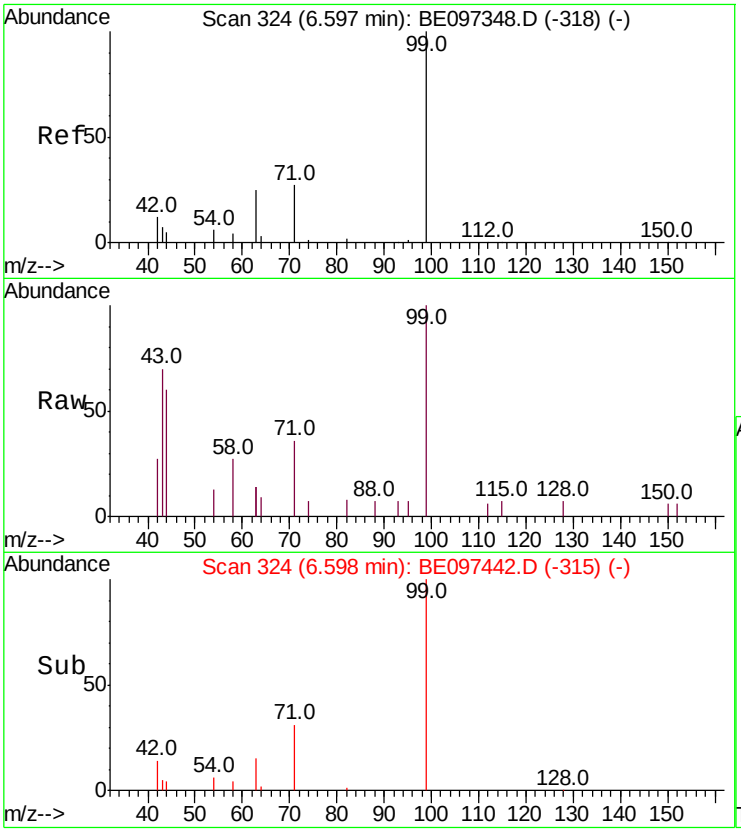


#4
2-Fluorophenol
Concen: 0.471 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:112 Resp: 1374

Ion	Ratio	Lower	Upper
112	100		
64	70.6	60.1	90.1
63	144.5	116.8	175.2



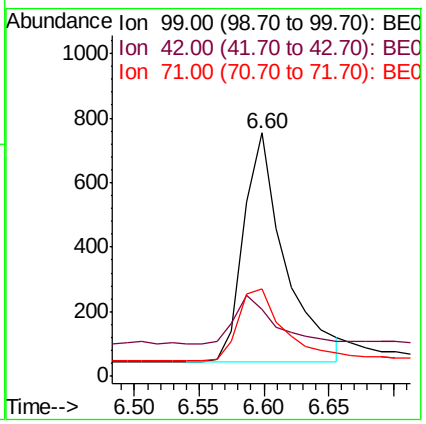


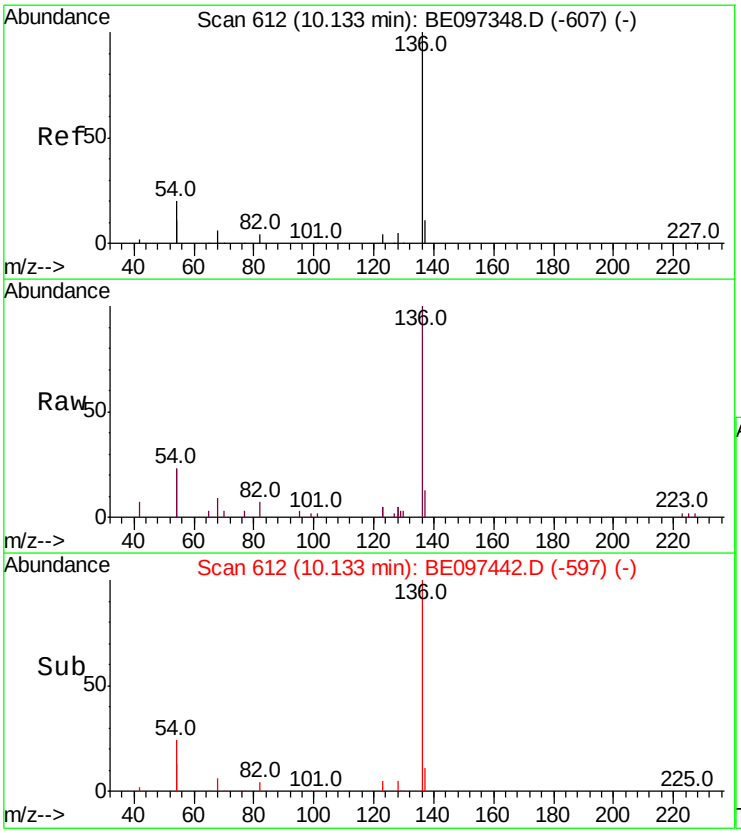
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion: 99 Resp: 1569

Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.2	30.2
71	34.8	28.4	42.6

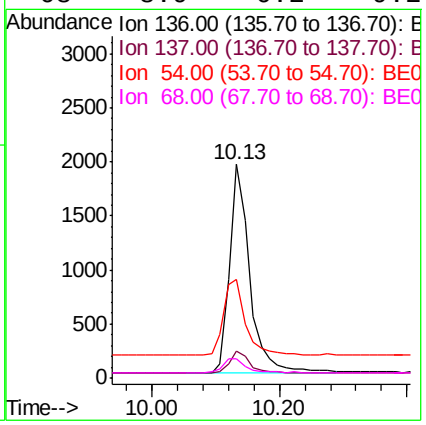


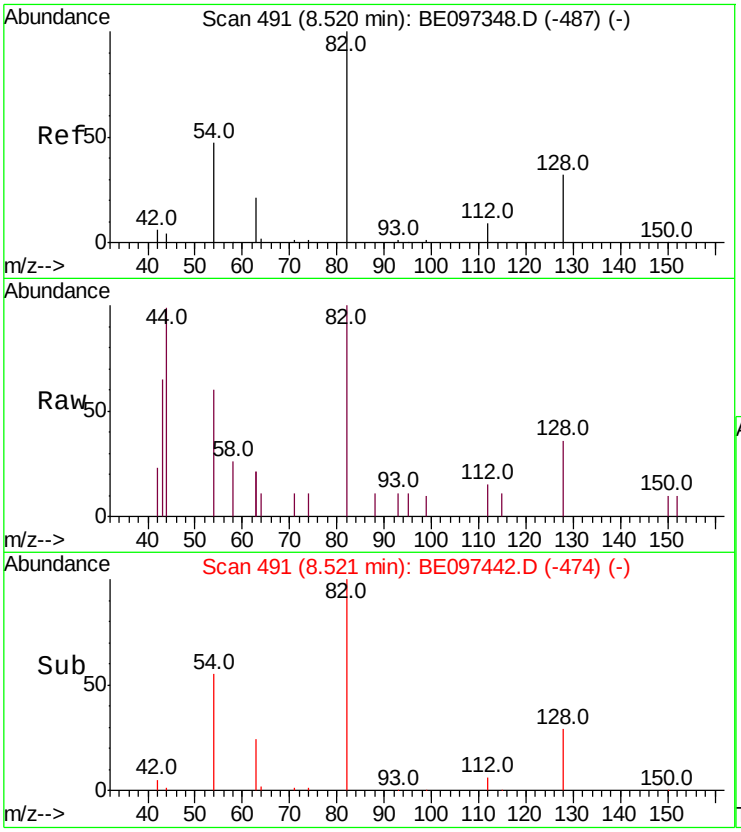


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:136 Resp: 4275

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	46.0	29.1	43.7#
68	8.9	6.2	9.2



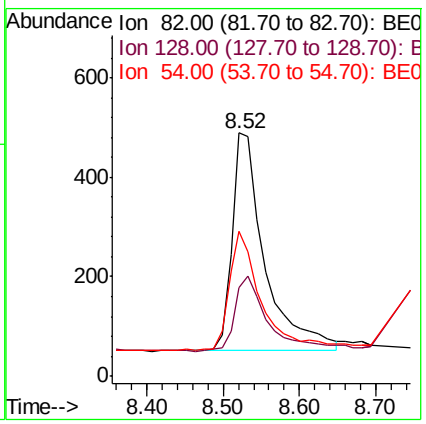


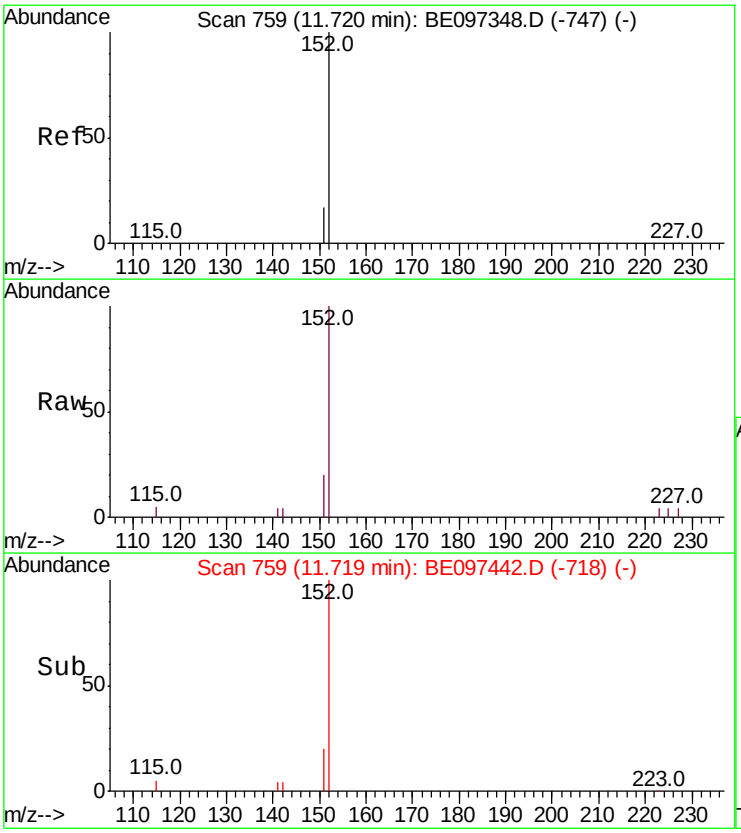
#8
Nitrobenzene-d5
Concen: 0.430 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion: 82 Resp: 1316

Ion	Ratio	Lower	Upper
82	100		
128	36.2	24.0	36.0#
54	59.7	40.0	60.0

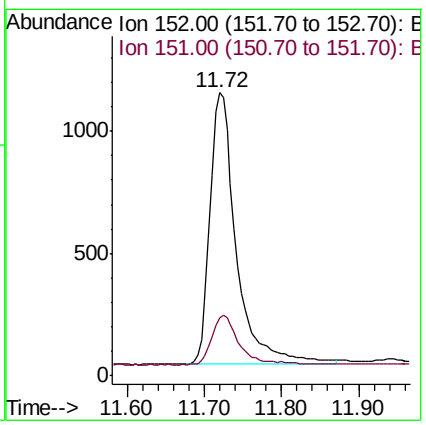


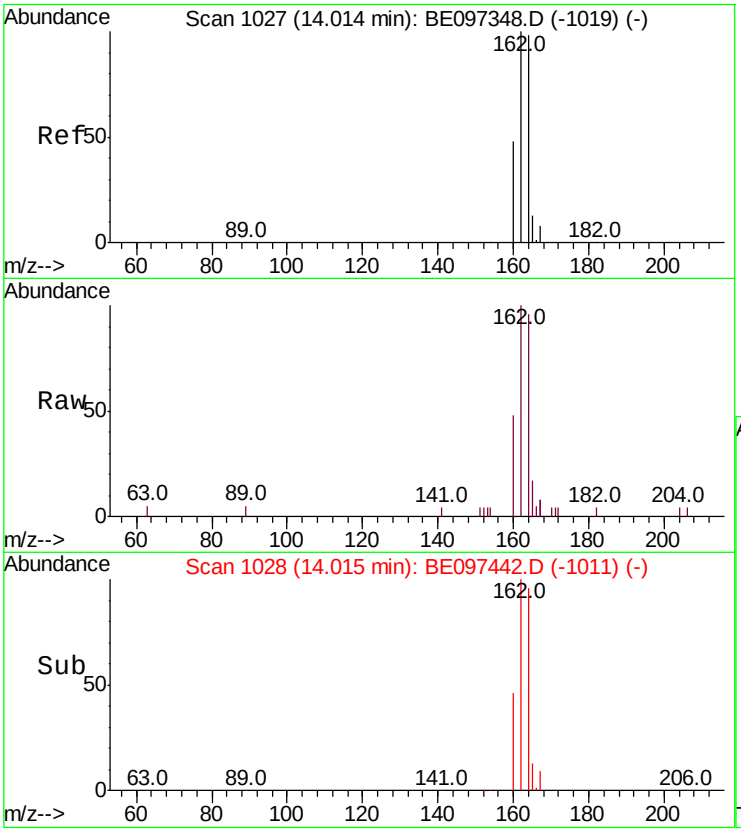


#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:152 Resp: 2627

Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.4	23.0



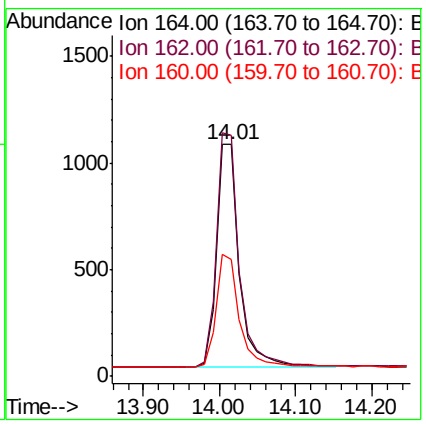


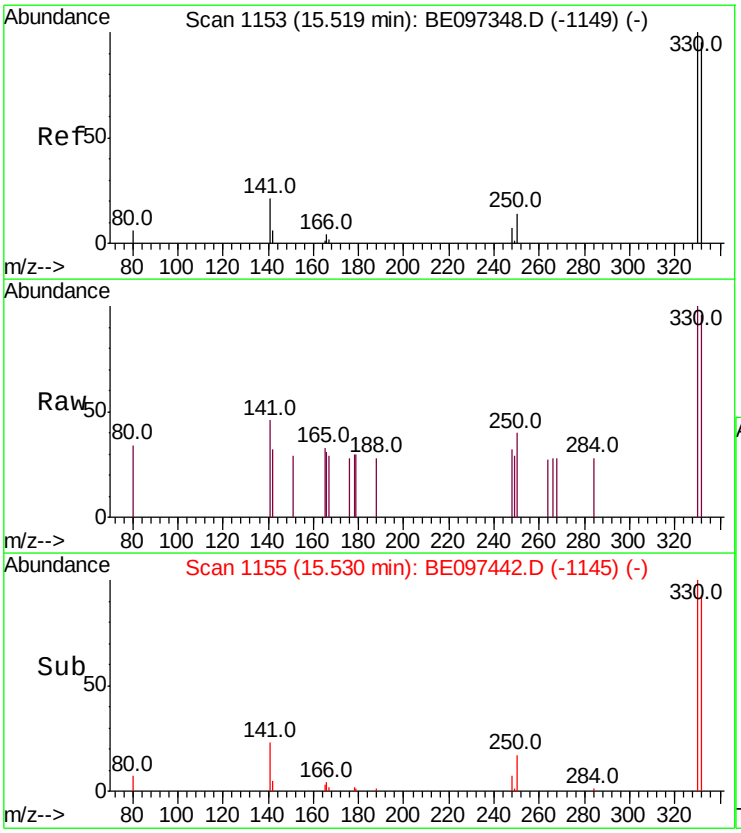
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion:164 Resp: 2182

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	50.4	37.1	55.7

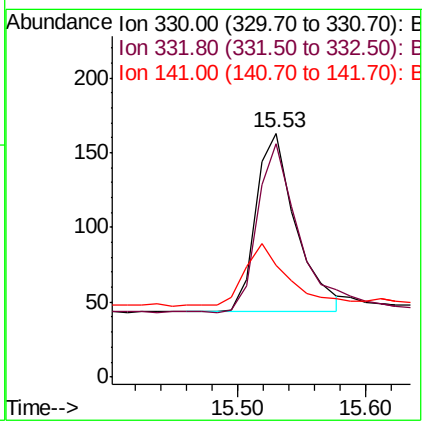


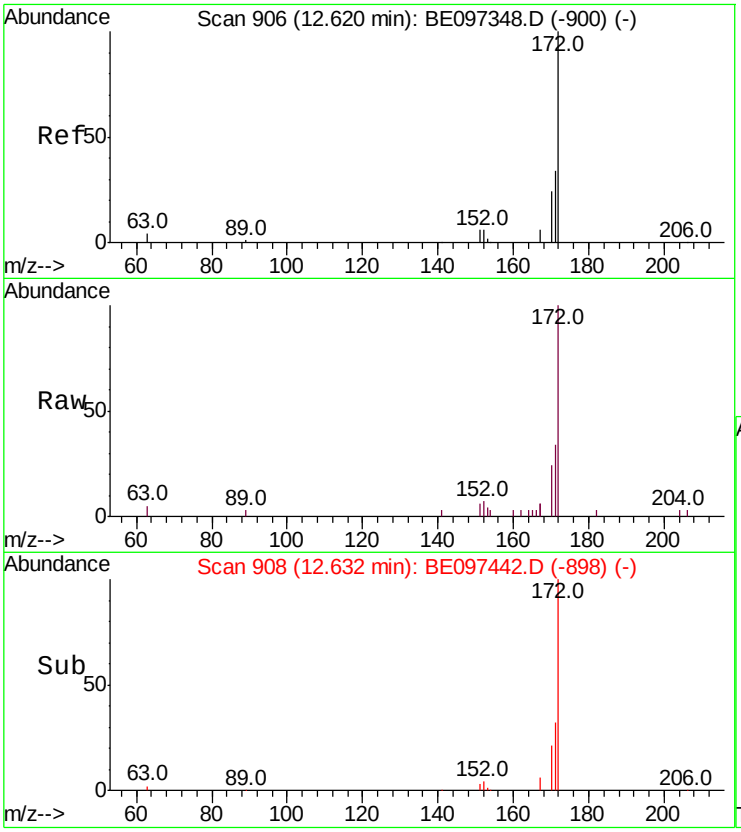


#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:330 Resp: 259

Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1#
141	35.5	33.7	50.5



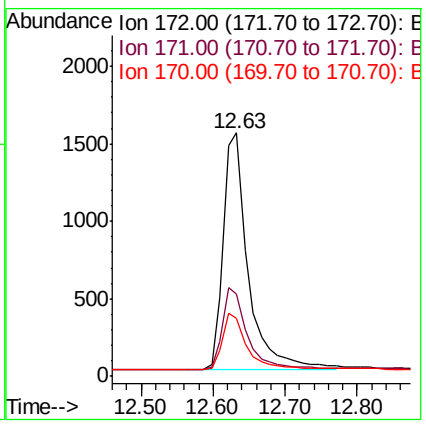


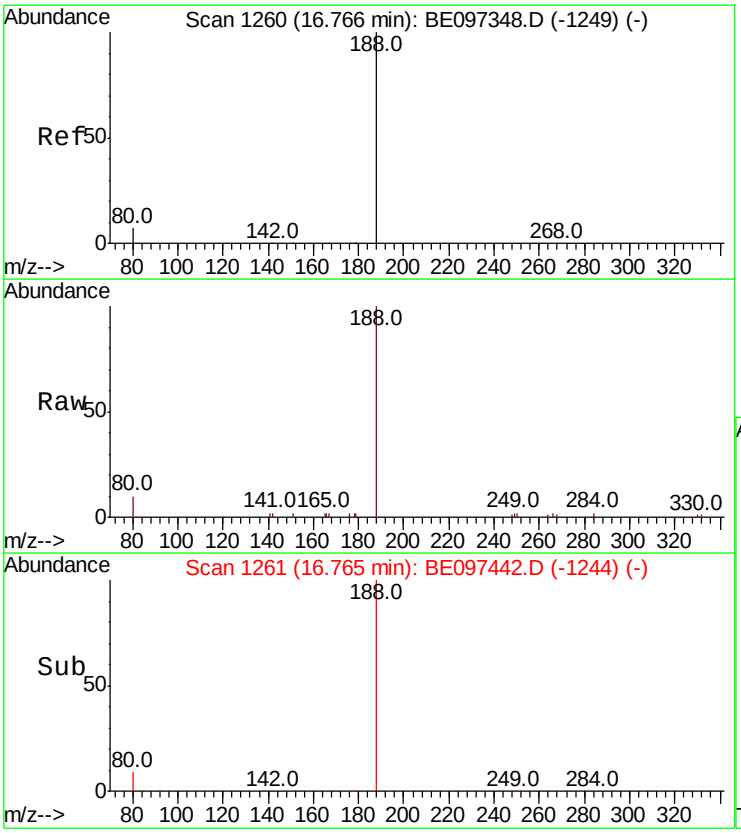
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion:172 Resp: 3673

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	23.7	21.8	32.8

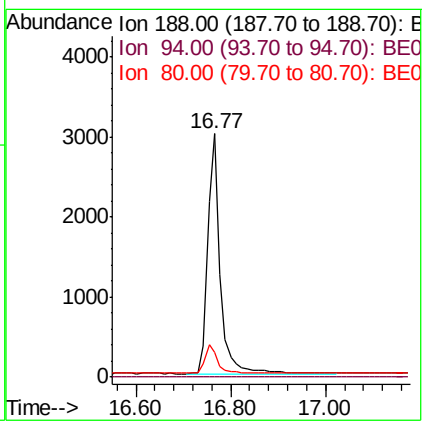


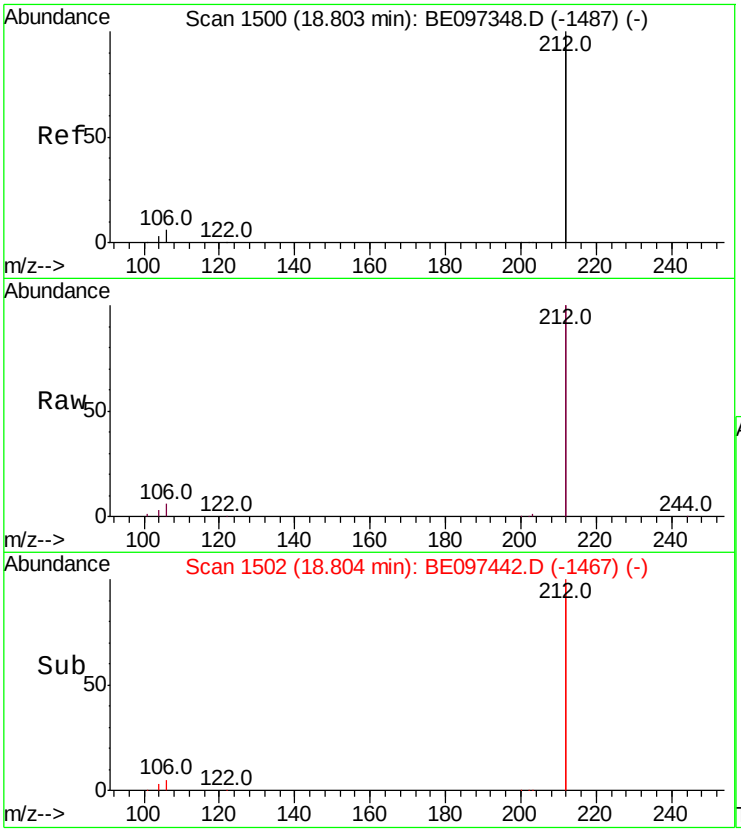


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:188 Resp: 5534

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.1	3.6	5.4#



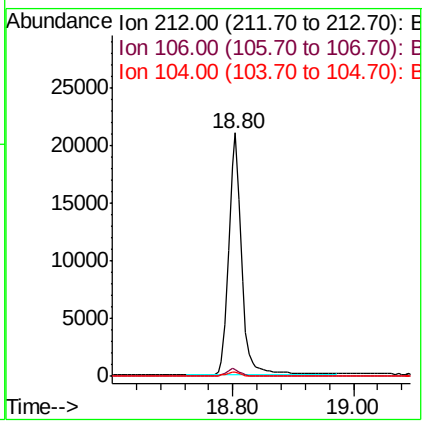


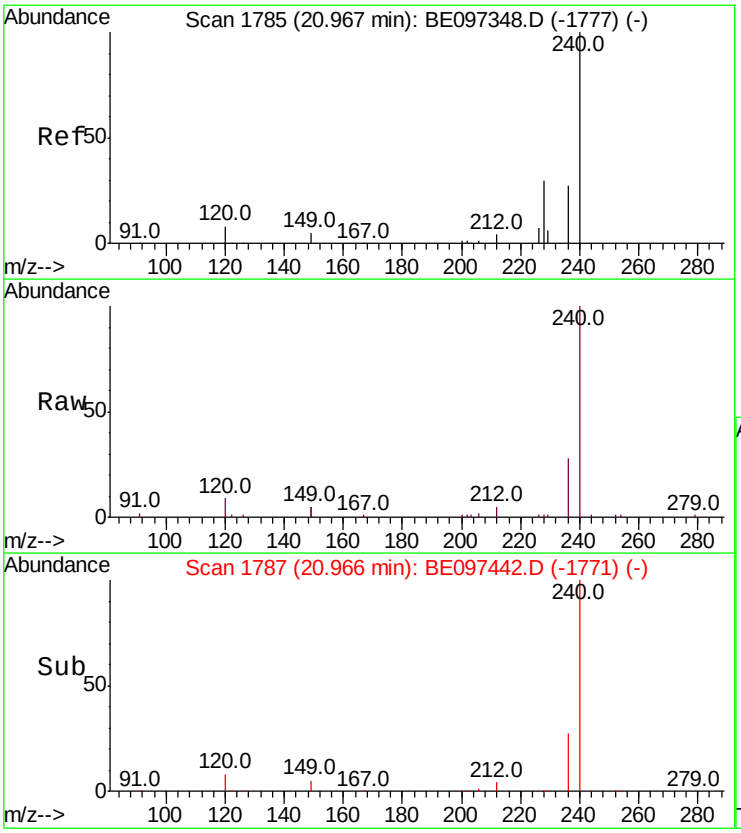
#25
Fluoranthene-d10
Concen: 0.482 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion:212 Resp: 30626

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

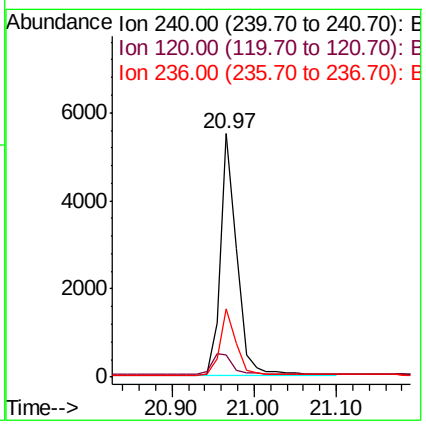


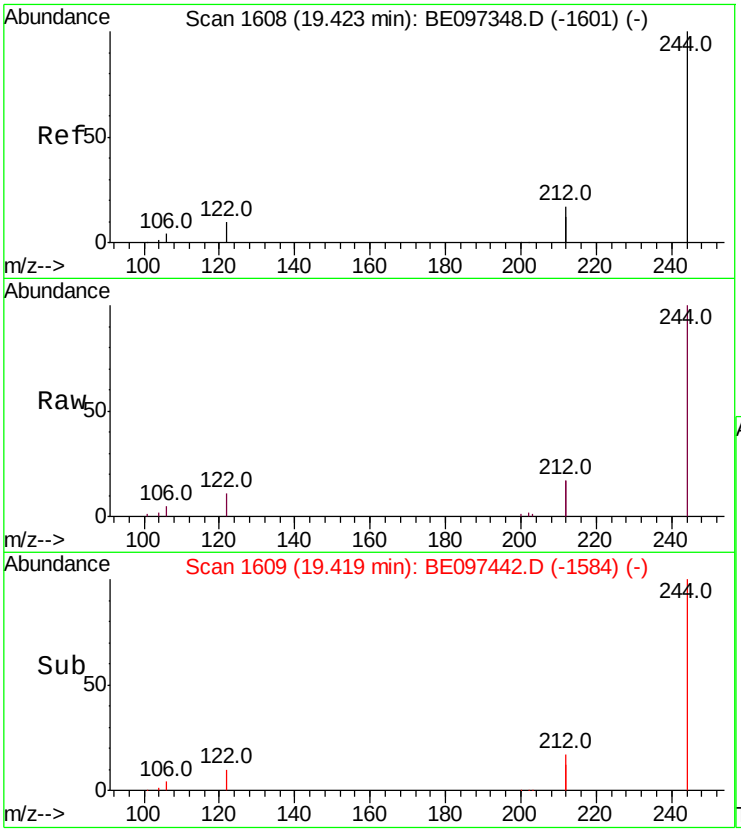


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:240 Resp: 7609

Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.5	8.3#
236	27.9	20.7	31.1



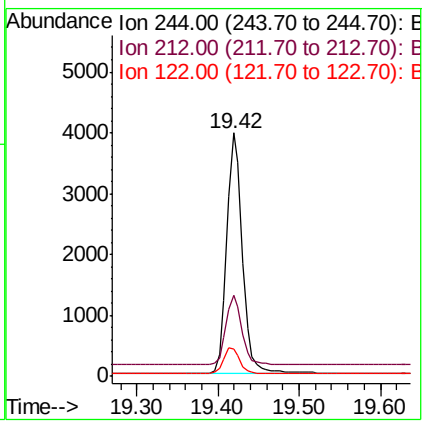


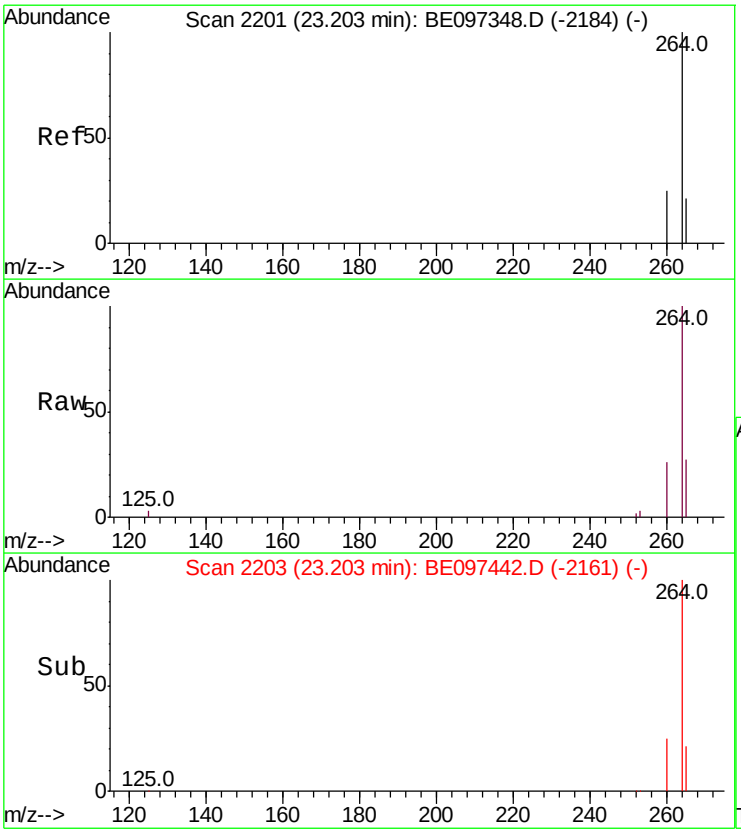
#29
Terphenyl-d14
Concen: 0.377 ng
RT: 19.42 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB112668BL

Tgt Ion:244 Resp: 5297

Ion	Ratio	Lower	Upper
244	100		
212	33.4	25.4	38.0
122	11.3	8.1	12.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:47

Tgt Ion:264 Resp: 8127

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	27.4	22.8	34.2