Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097377.D
Acq On : 28 Aug 2018 13:11
Operator : SJ/JU
Sample : PB112378BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB112378BL

Quant Time: Aug 28 17:15:46 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	7.39	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3652	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1647	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	3974	0.40	ng	0.00
27) Chrysene-d12	20.98	240	3820	0.40	ng	0.01
34) Perylene-d12	23.21	264	4873	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1103	0.41	ng	0.00
5) Phenol-d6	6.59	99	1170	0.33	ng	0.00
8) Nitrobenzene-d5	8.53	82	991	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2104	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	115	0.21	ng	0.02
15) 2-Fluorobiphenyl	12.63	172	2949	0.49	ng	0.01
25) Fluoranthene-d10	18.81	212	19071	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	3049	0.43	ng	0.00
Target Compounds						Qvalue

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

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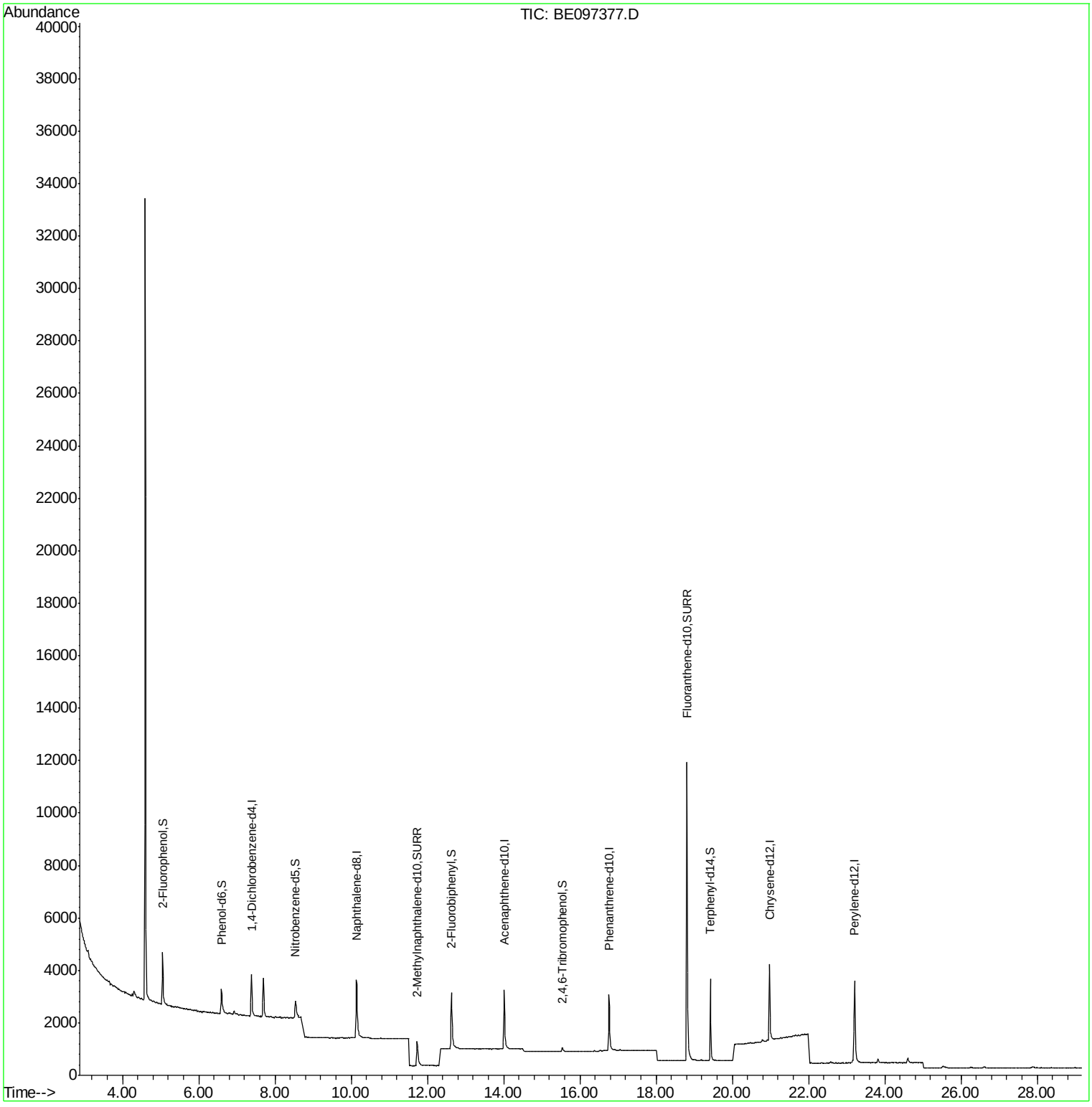
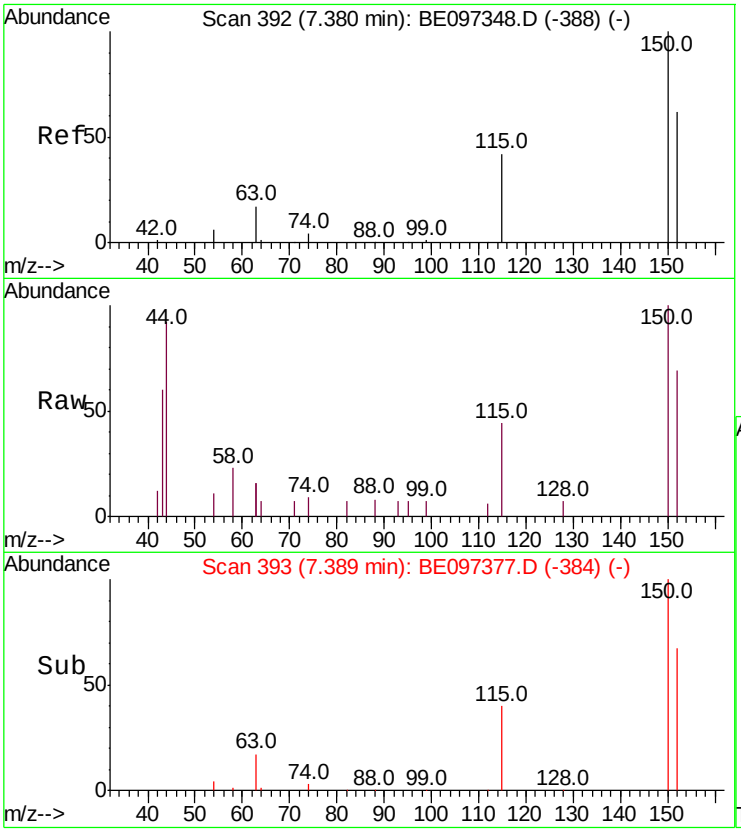


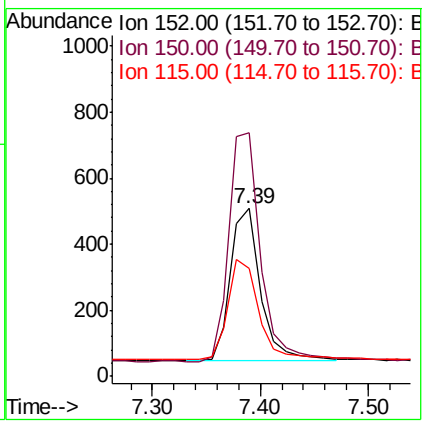


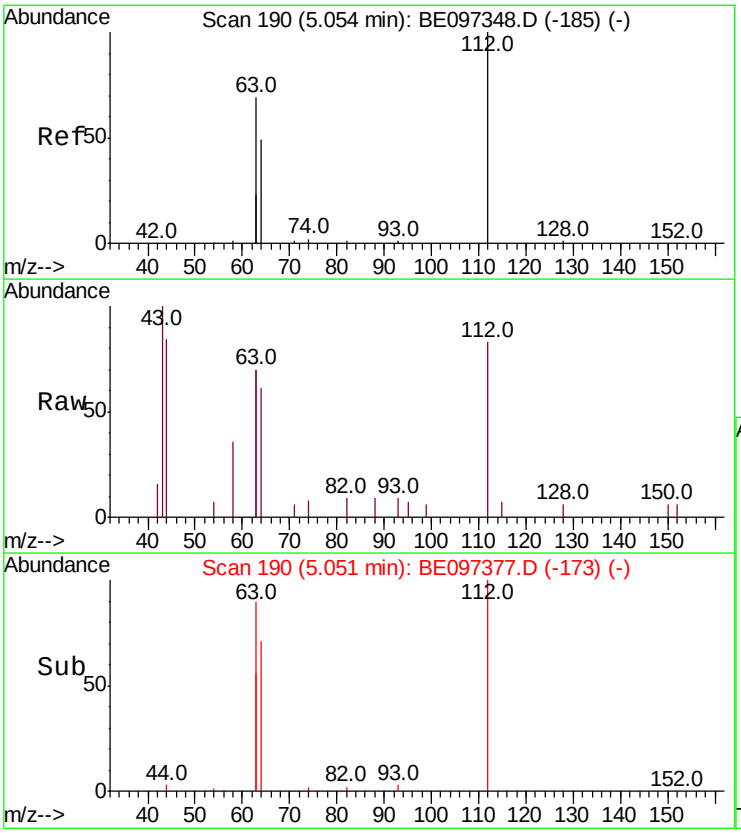
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion:152 Resp: 904

Ion	Ratio	Lower	Upper
152	100		
150	145.1	117.2	175.8
115	64.4	57.0	85.6

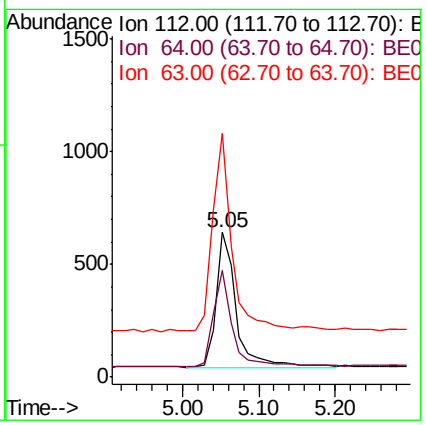


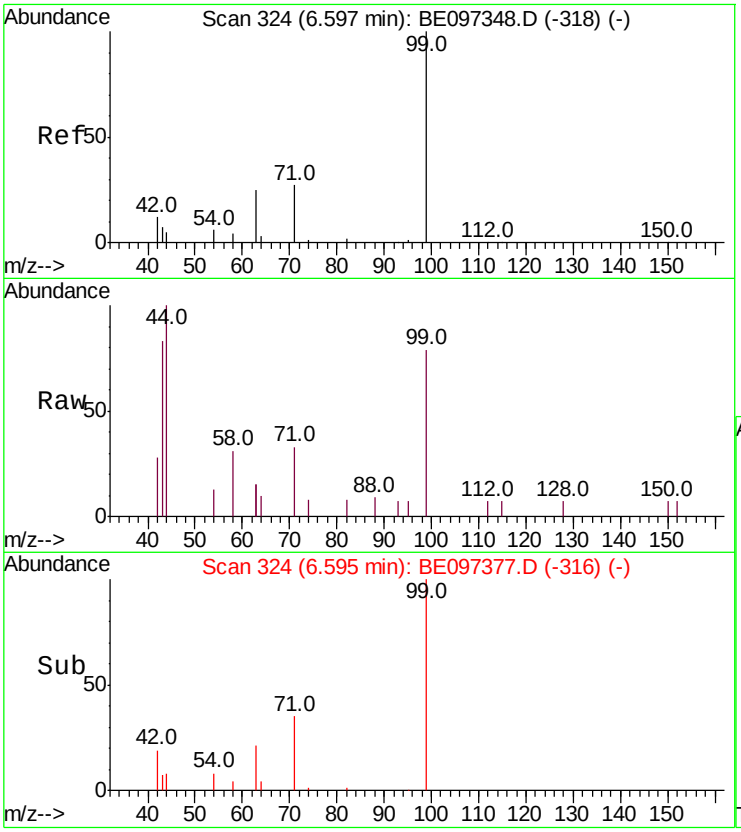


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:112 Resp: 1103

Ion	Ratio	Lower	Upper
112	100		
64	65.7	60.1	90.1
63	142.6	116.8	175.2



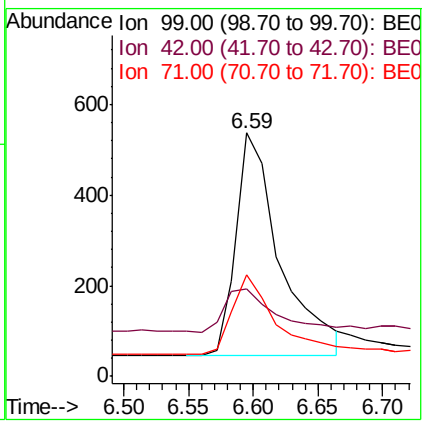


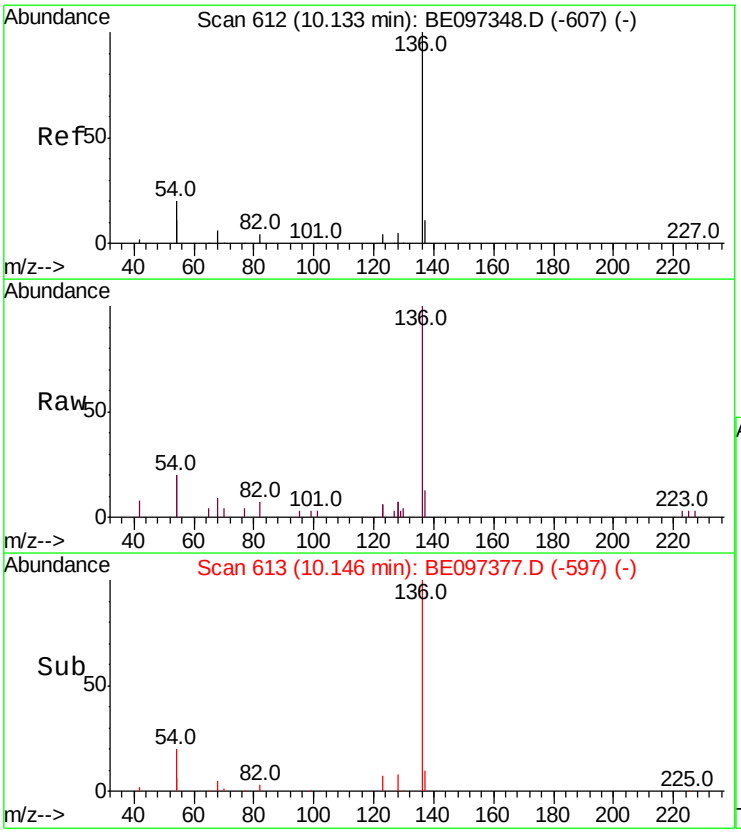
#5
Phenol-d6
Concen: 0.328 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion: 99 Resp: 1170

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.2	30.2
71	35.1	28.4	42.6

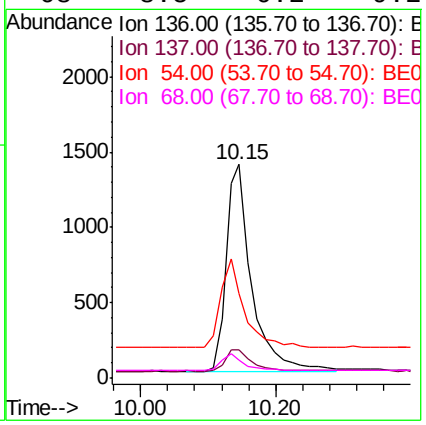


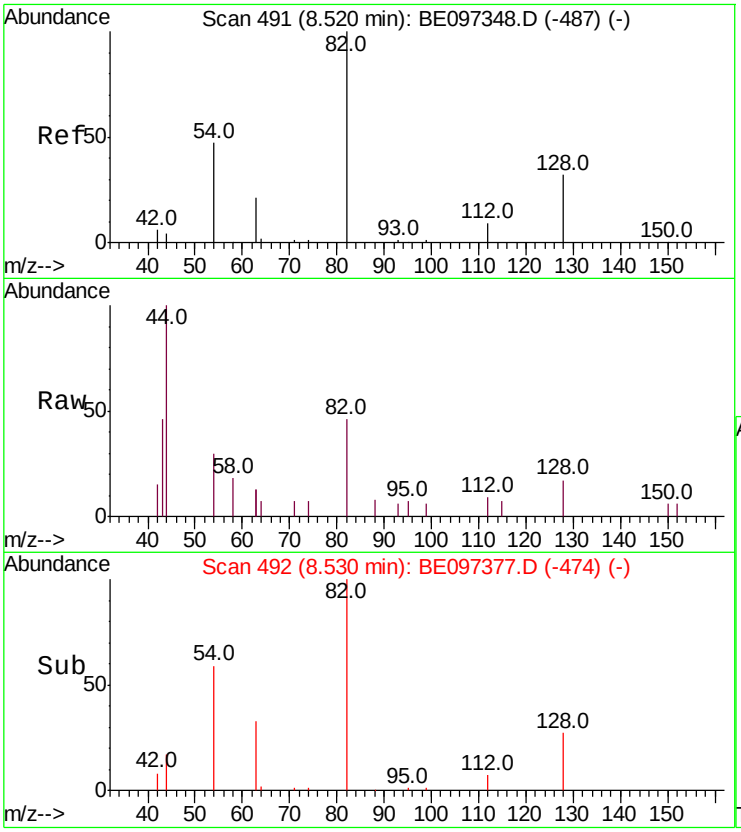


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:136 Resp: 3652

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	39.4	29.1	43.7
68	8.5	6.2	9.2



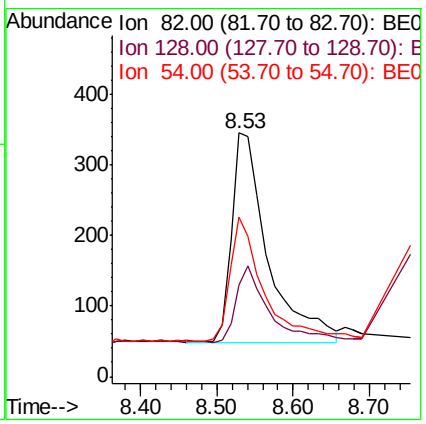


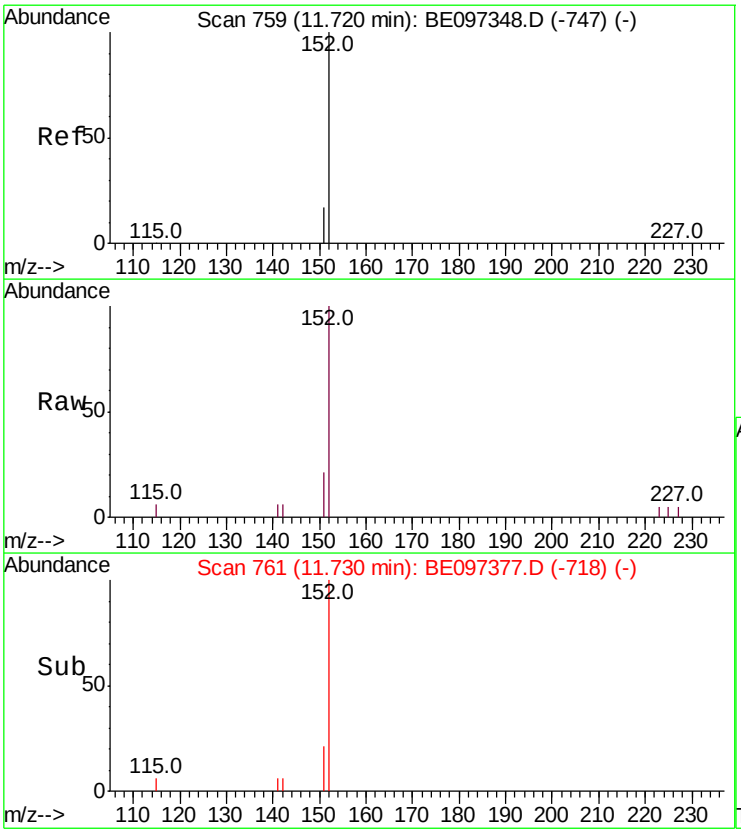
#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion: 82 Resp: 991

Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.0	36.0#
54	65.5	40.0	60.0#

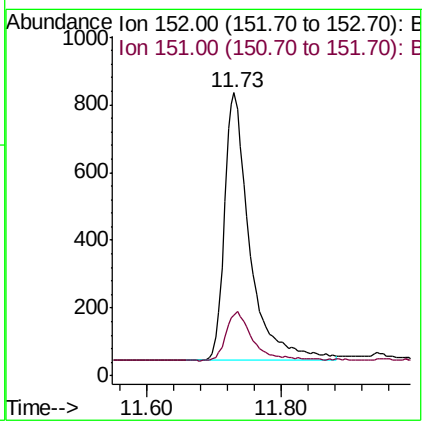


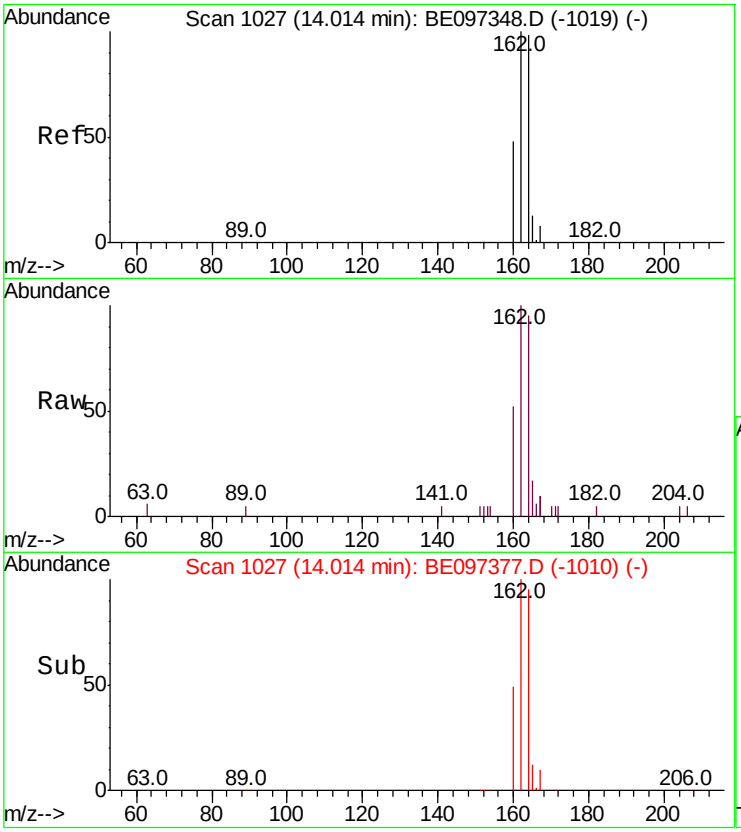


#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:152 Resp: 2104

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0



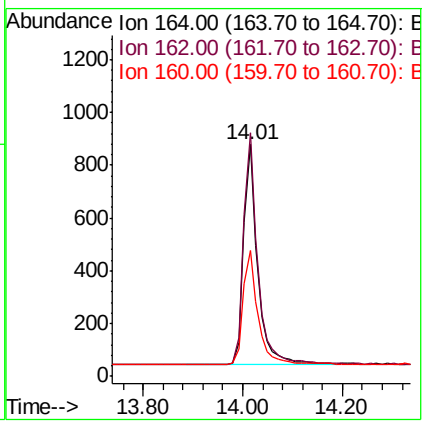


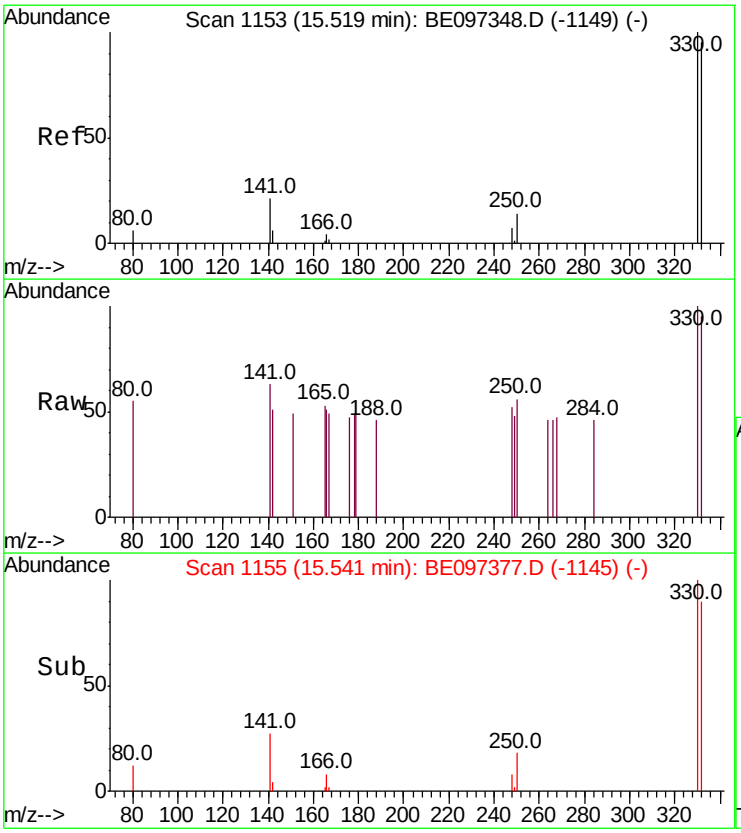
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion:164 Resp: 1647

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	54.2	37.1	55.7

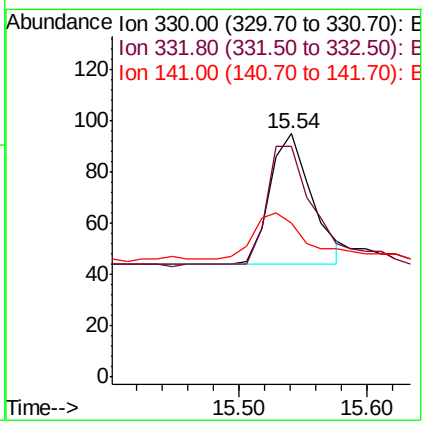


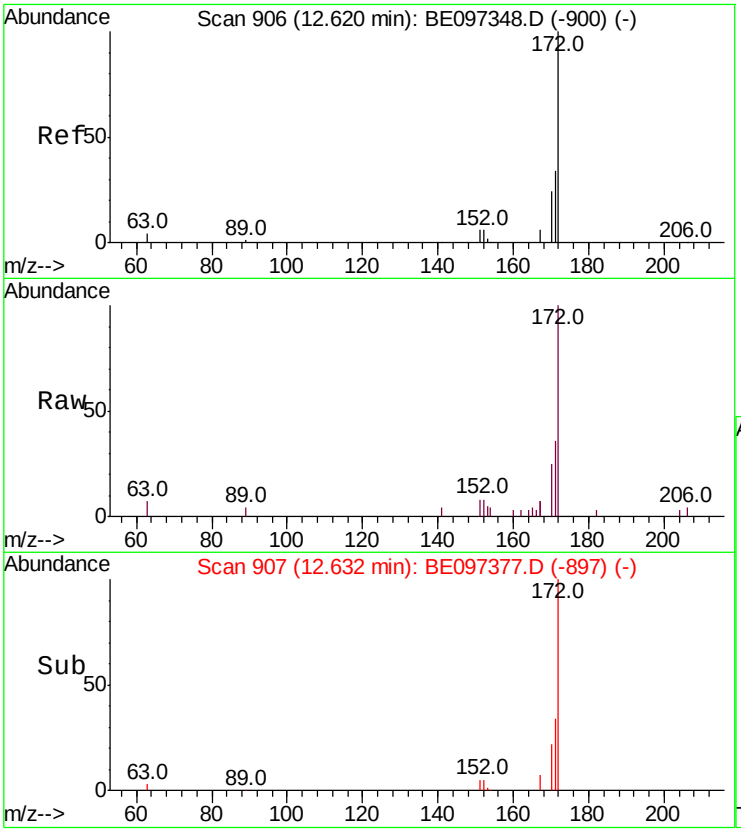


#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.54 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:330 Resp: 115

Ion	Ratio	Lower	Upper
330	100		
332	102.6	152.7	229.1#
141	39.1	33.7	50.5



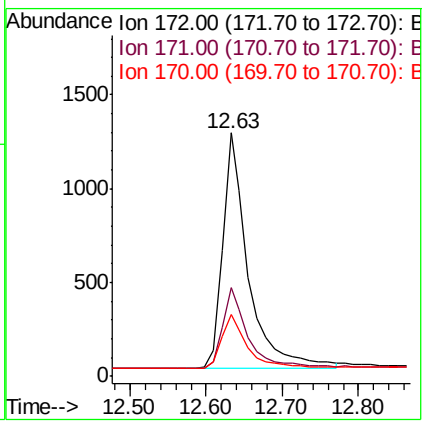


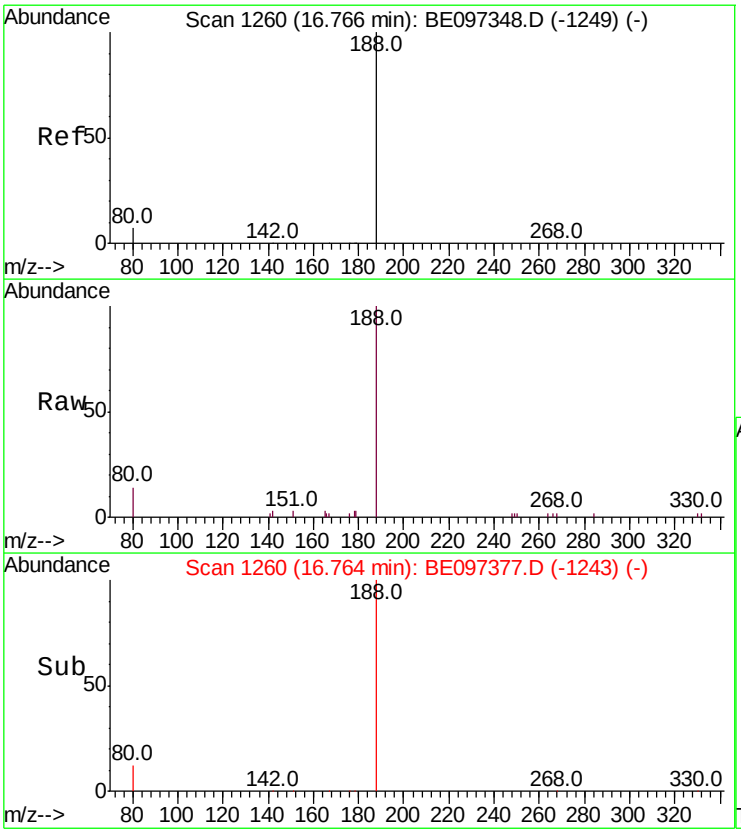
#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion:172 Resp: 2949

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	25.3	21.8	32.8

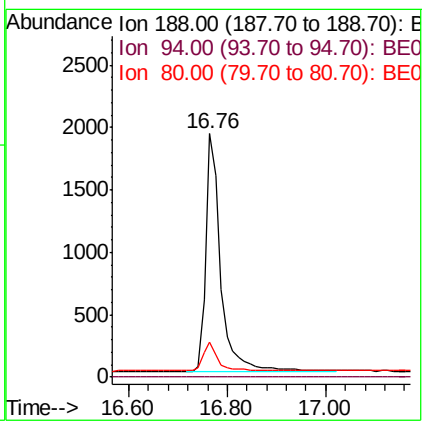


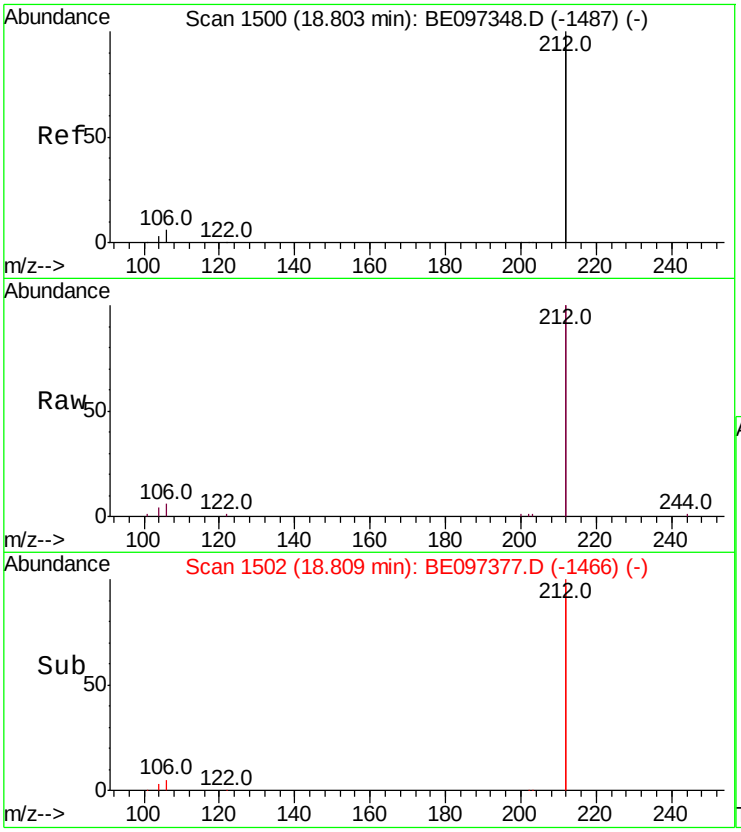


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:188 Resp: 3974

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.4	3.6	5.4#



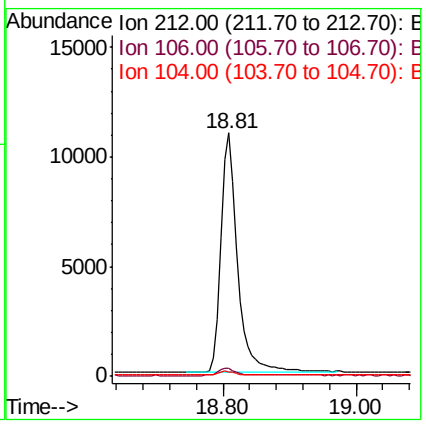


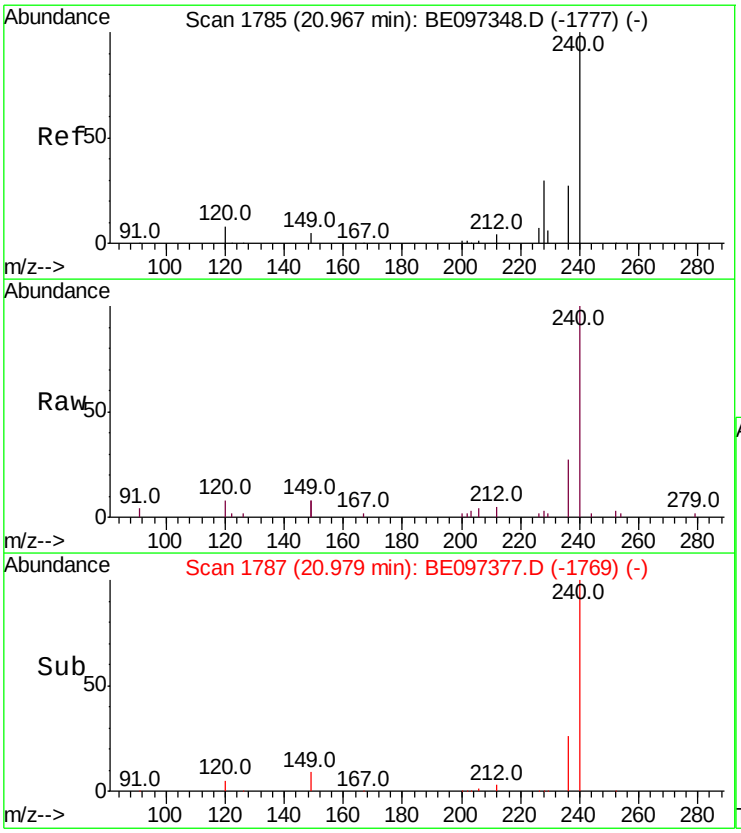
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion:212 Resp: 19071

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

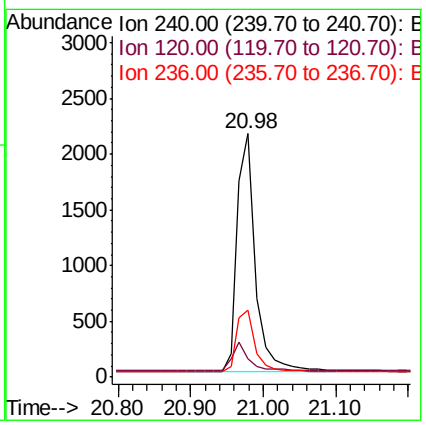


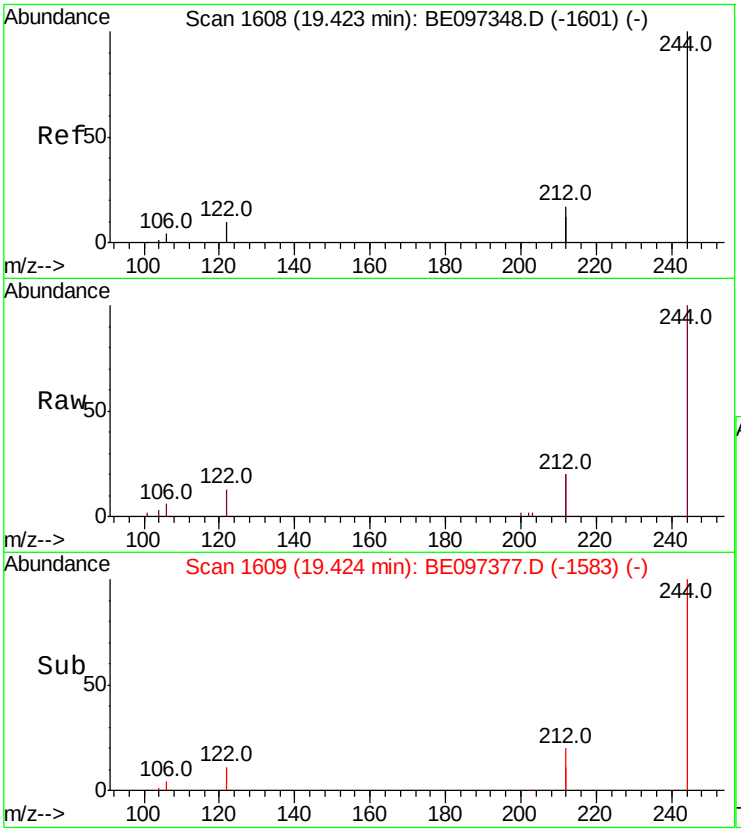


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:240 Resp: 3820

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.5	8.3
236	27.4	20.7	31.1



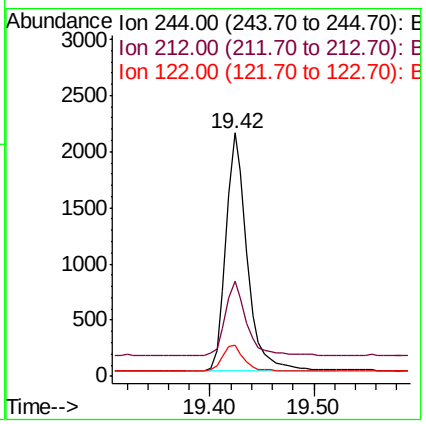


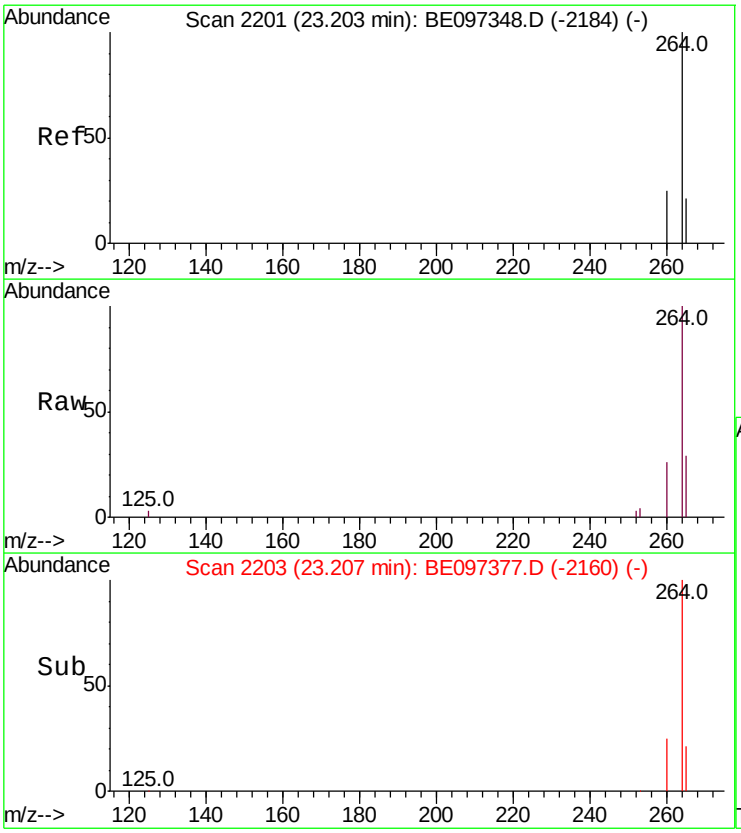
#29
Terphenyl-d14
Concen: 0.432 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :
PB112378BL

Tgt Ion:244 Resp: 3049

Ion	Ratio	Lower	Upper
244	100		
212	39.2	25.4	38.0#
122	12.7	8.1	12.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:264 Resp: 4873

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	28.6	22.8	34.2