Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097937.D
Acq On : 17 Oct 2018 8:27
Operator : SJ/JU
Sample : J5317-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-108D1-20181004

Quant Time: Oct 17 16:52:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1708	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	7072	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4455	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	12121	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	16219	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16799	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1082	0.20	ng	-0.01
5) Phenol-d6	7.05	99	965	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	2805	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	4688	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	762	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9101	0.50	ng	0.00
25) Fluoranthene-d10	19.33	212	71006	0.43	ng	0.00
29) Terphenyl-d14	19.92	244	18983	0.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	10932	3.671	ng	93

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

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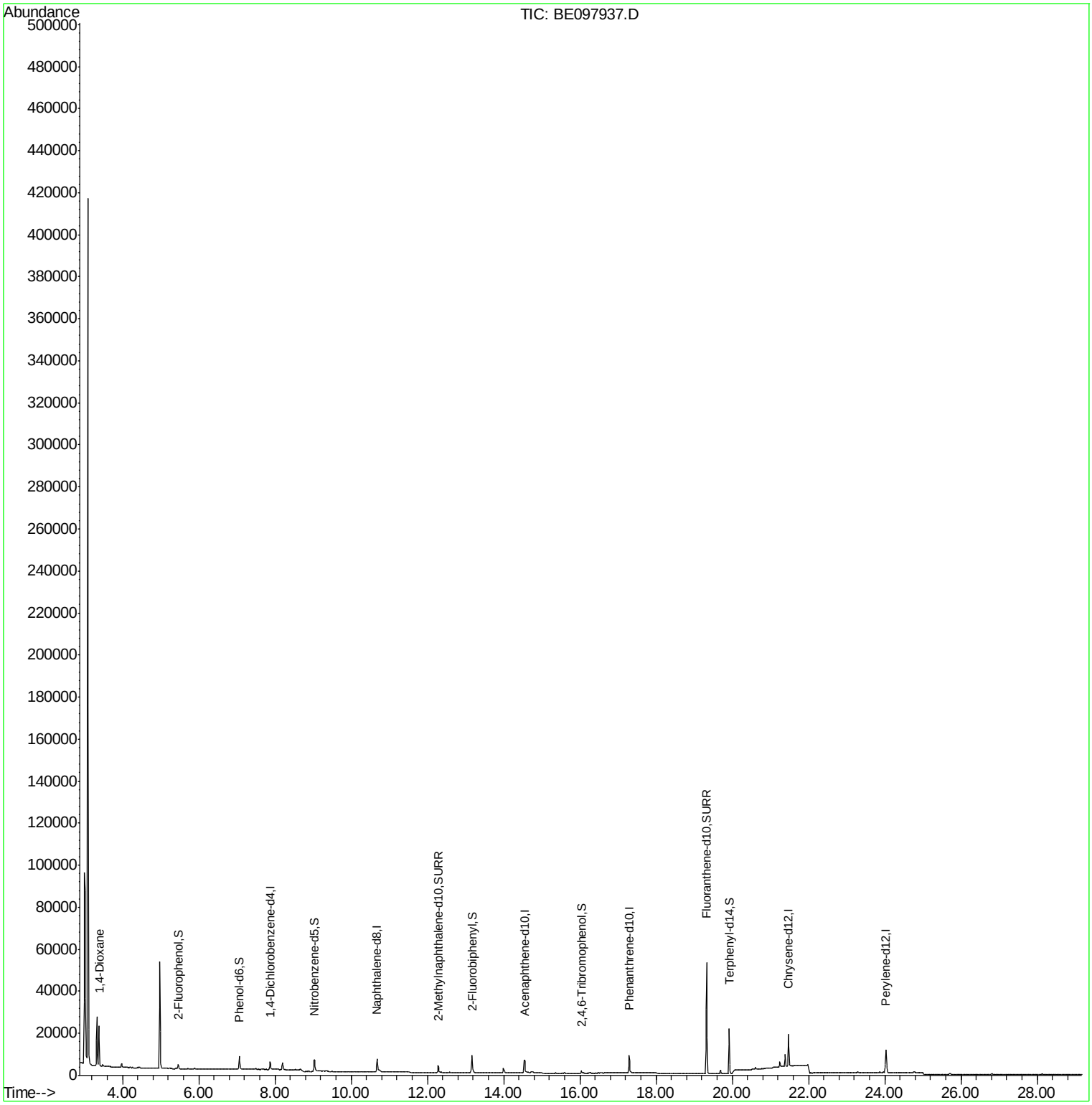
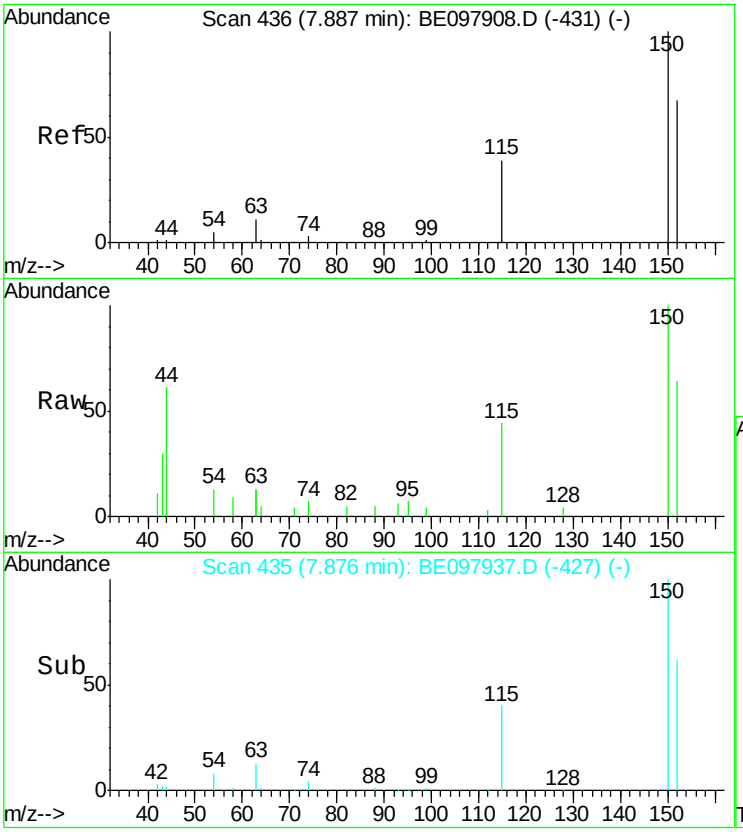


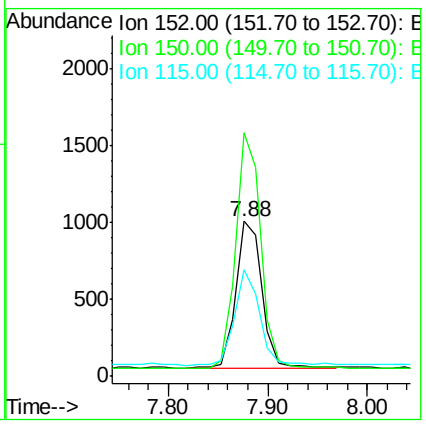


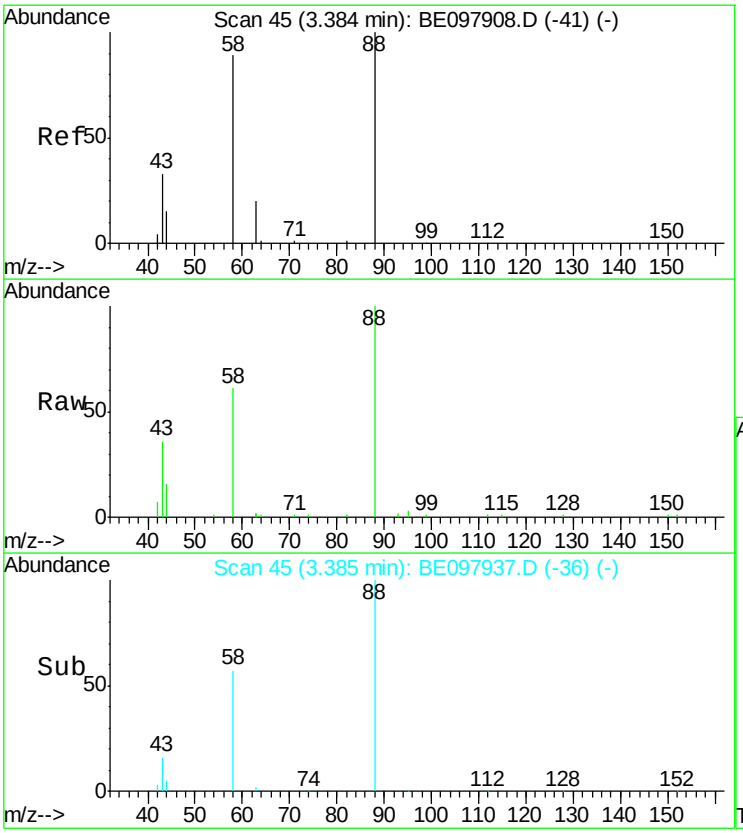
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:152 Resp: 1708

Ion	Ratio	Lower	Upper
152	100		
150	157.4	118.2	177.4
115	69.2	50.9	76.3

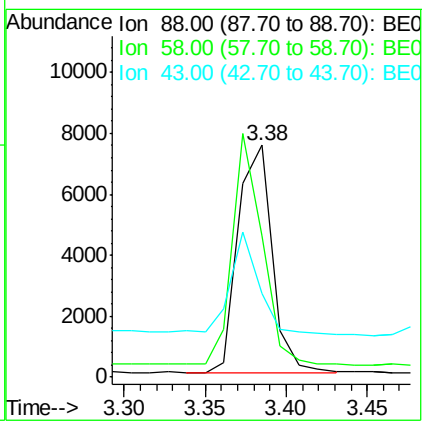


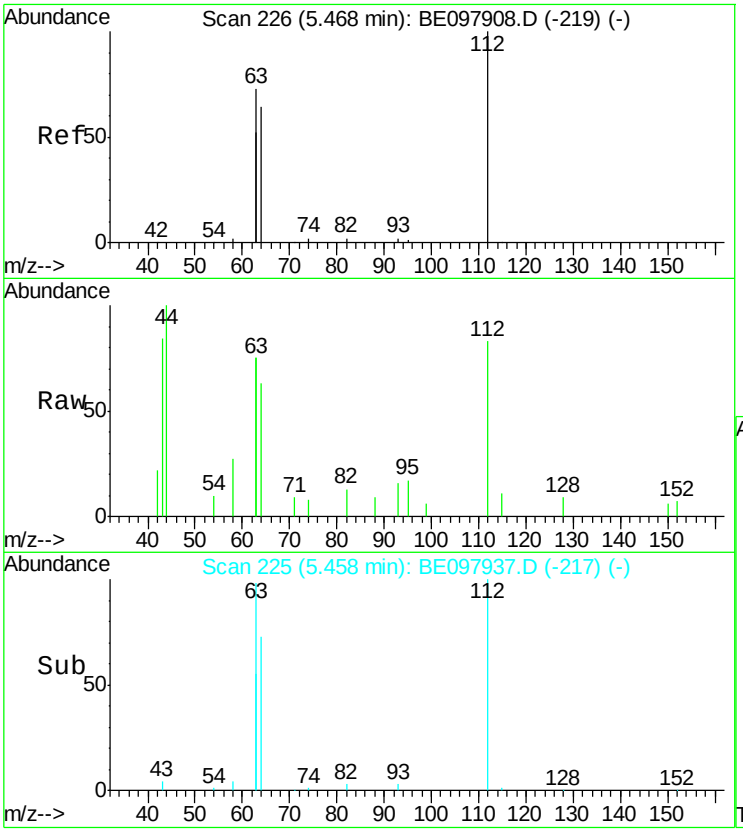


#2
1,4-Dioxane
Concen: 3.671 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion: 88 Resp: 10932

Ion	Ratio	Lower	Upper
88	100		
58	87.1	73.2	109.8
43	38.0	36.9	55.3



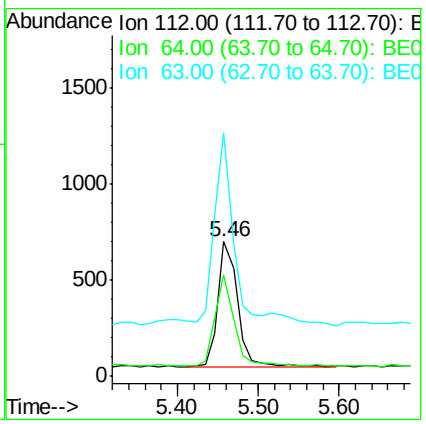


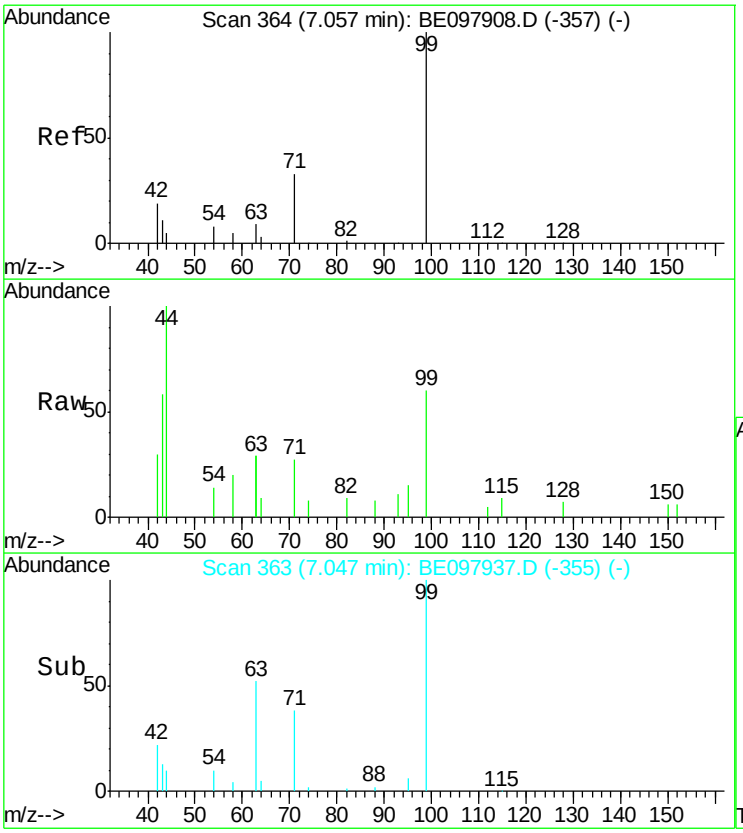
#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:112 Resp: 1082

Ion	Ratio	Lower	Upper
112	100		
64	72.7	58.9	88.3
63	133.6	120.3	180.5

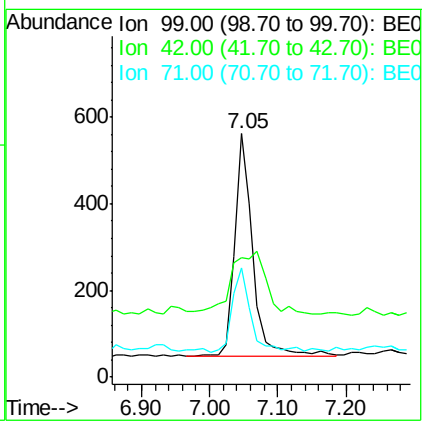


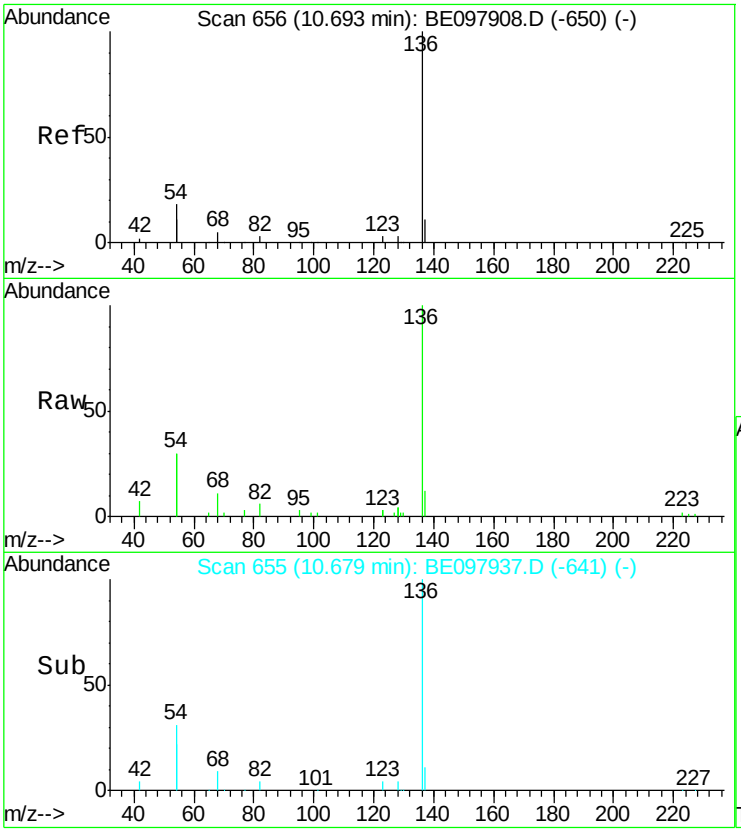


#5
Phenol-d6
Concen: 0.121 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion: 99 Resp: 965

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.9	29.9#
71	37.4	27.8	41.8



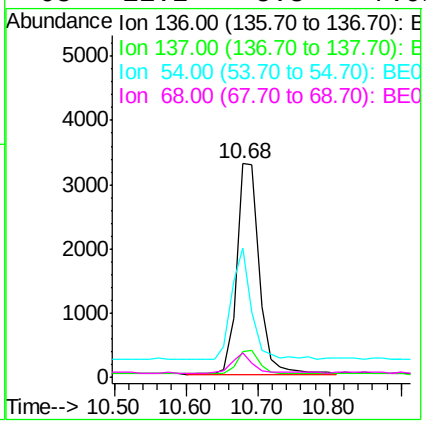


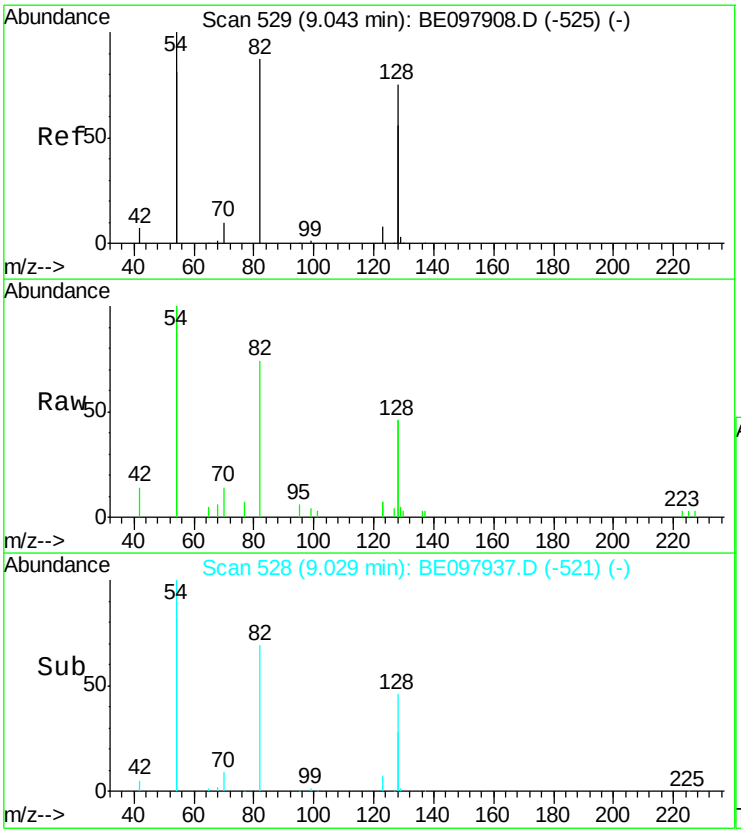
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:136 Resp: 7072

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	60.5	27.7	41.5#
68	11.2	5.3	7.9#

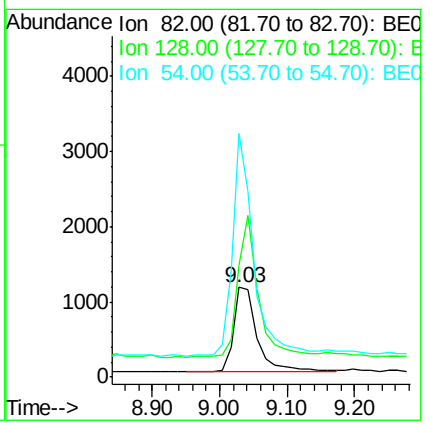


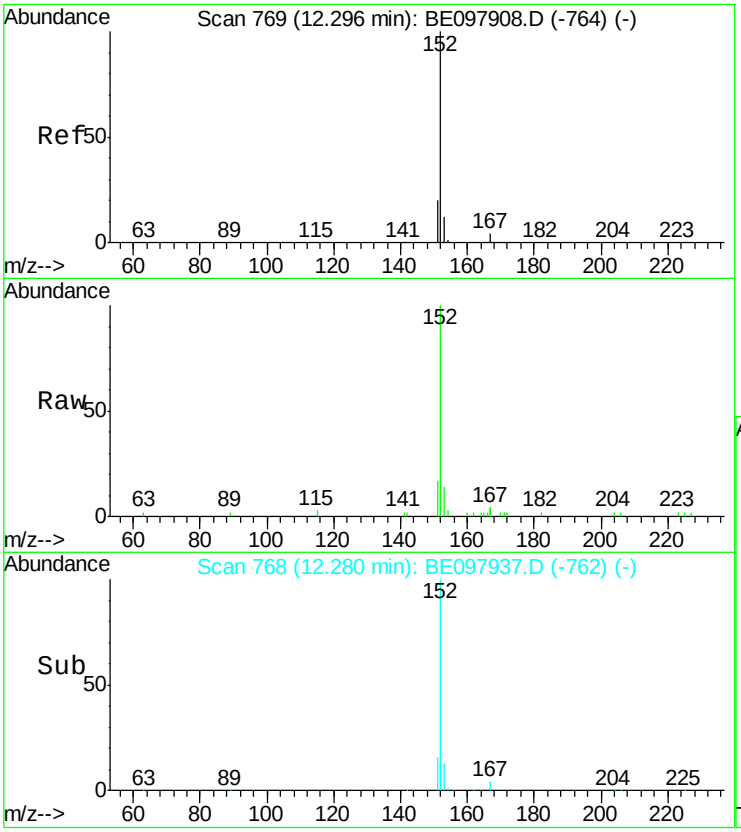


#8
Nitrobenzene-d5
Concen: 0.419 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion: 82 Resp: 2805

Ion	Ratio	Lower	Upper
82	100		
128	124.4	129.9	194.9#
54	270.7	174.0	261.0#



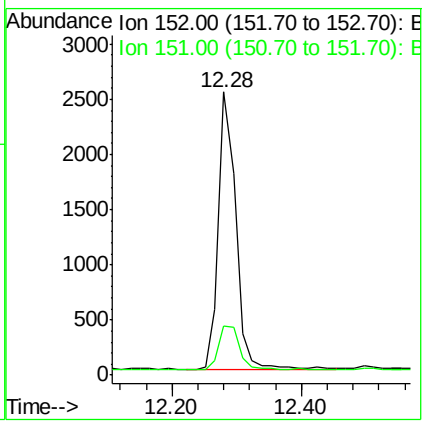


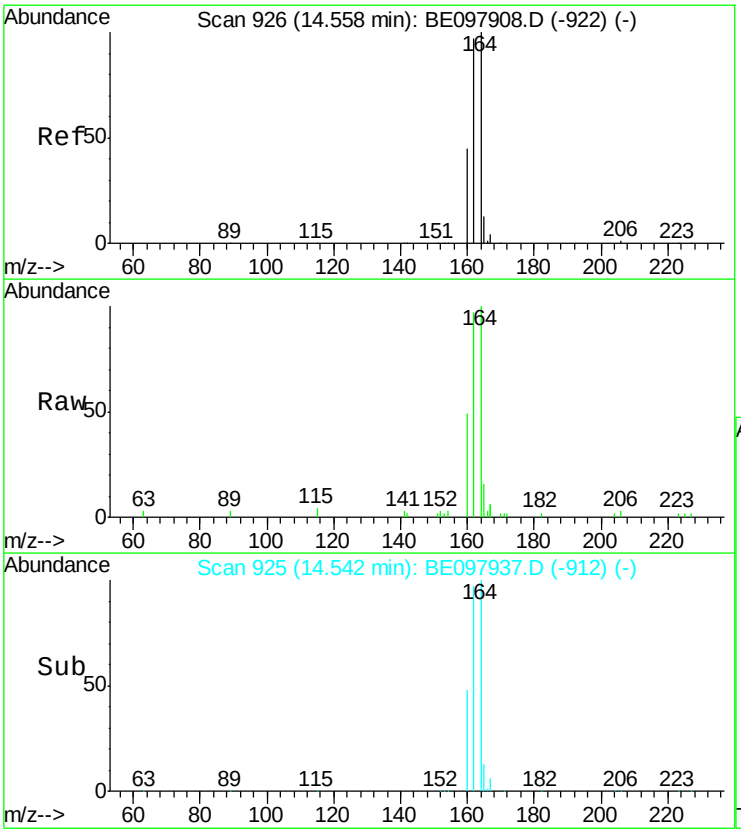
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:152 Resp: 4688

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.2	24.4

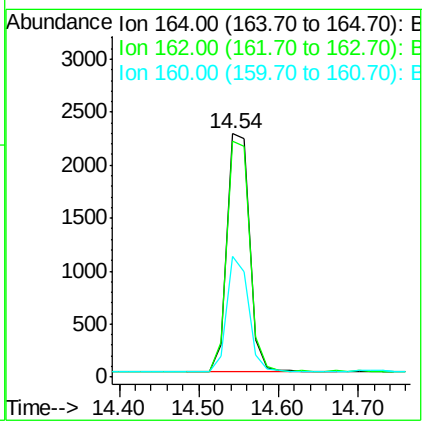


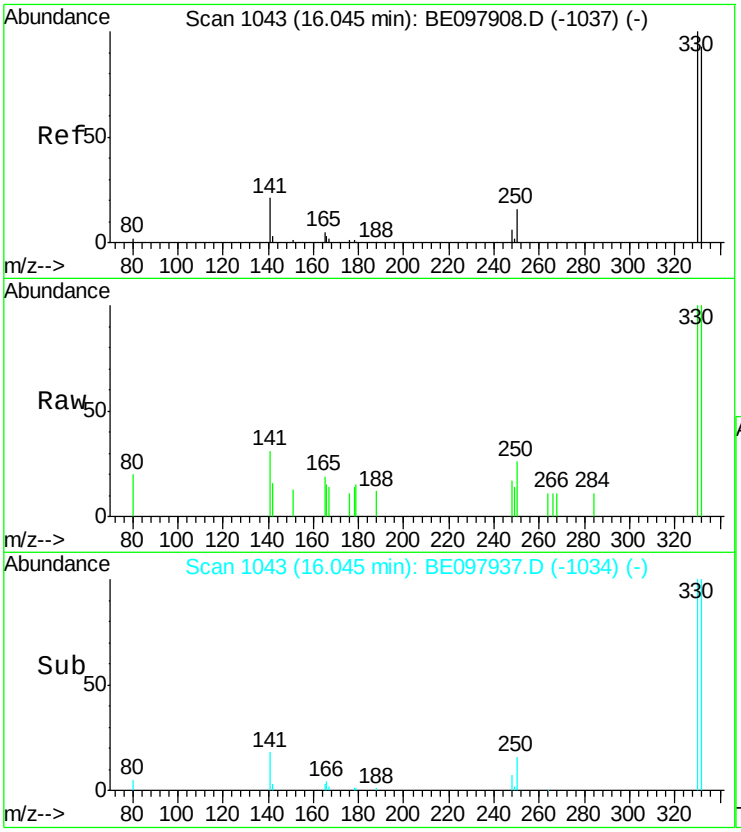


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion:164 Resp: 4455

Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.4	116.2
160	49.3	36.5	54.7



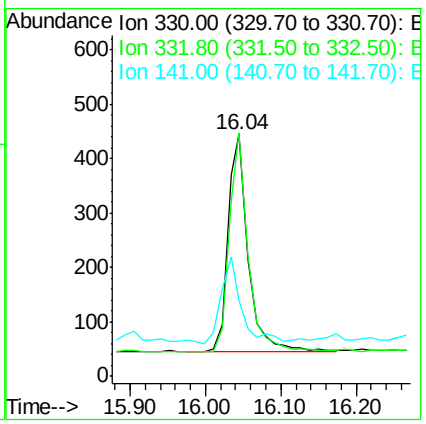


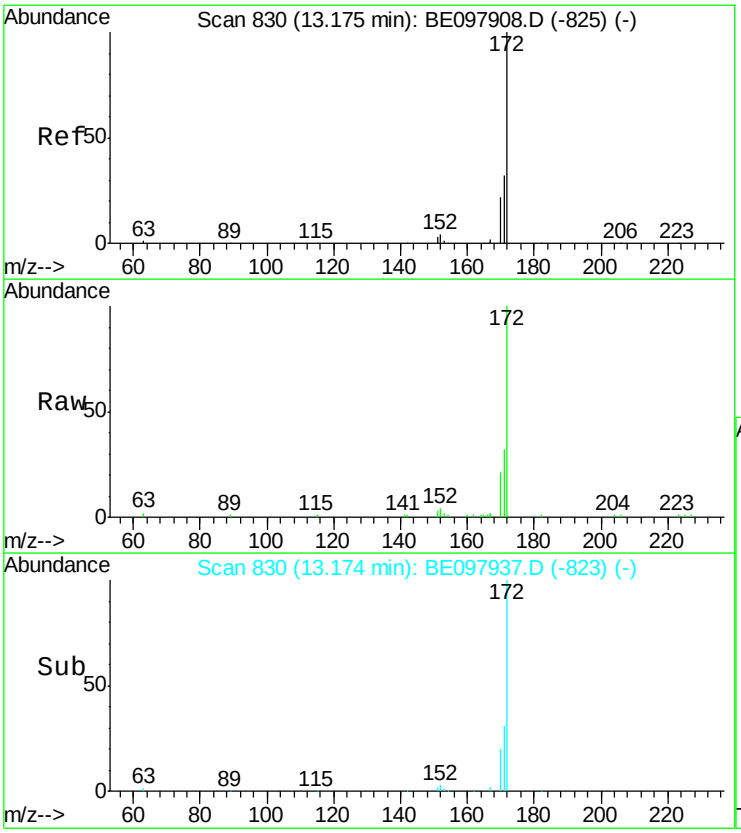
#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:330 Resp: 762

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.5	114.7
141	36.4	31.8	47.6

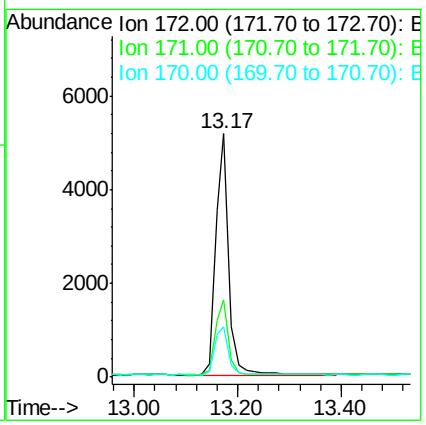


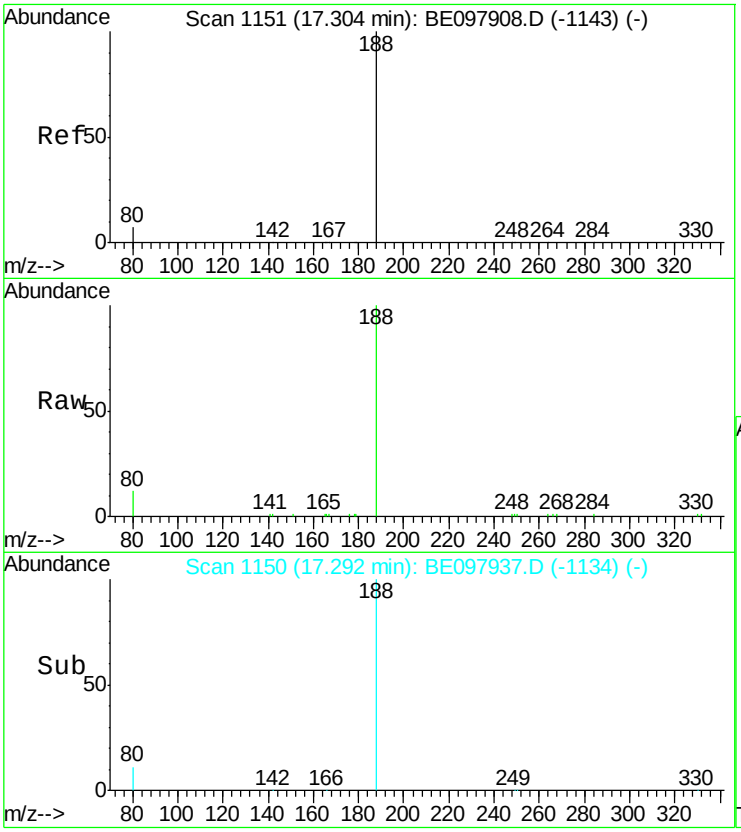


#15
2-Fluorobiphenyl
Concen: 0.500 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion:172 Resp: 9101

Ion	Ratio	Lower	Upper
172	100		
171	31.6	26.0	39.0
170	20.7	18.0	27.0



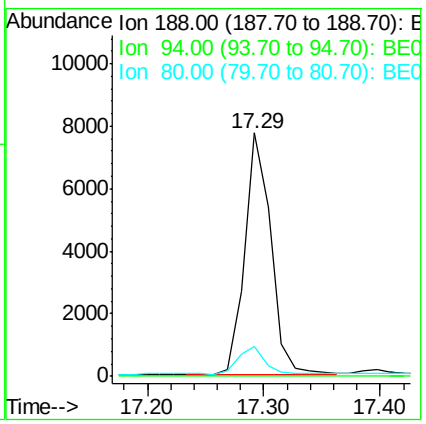


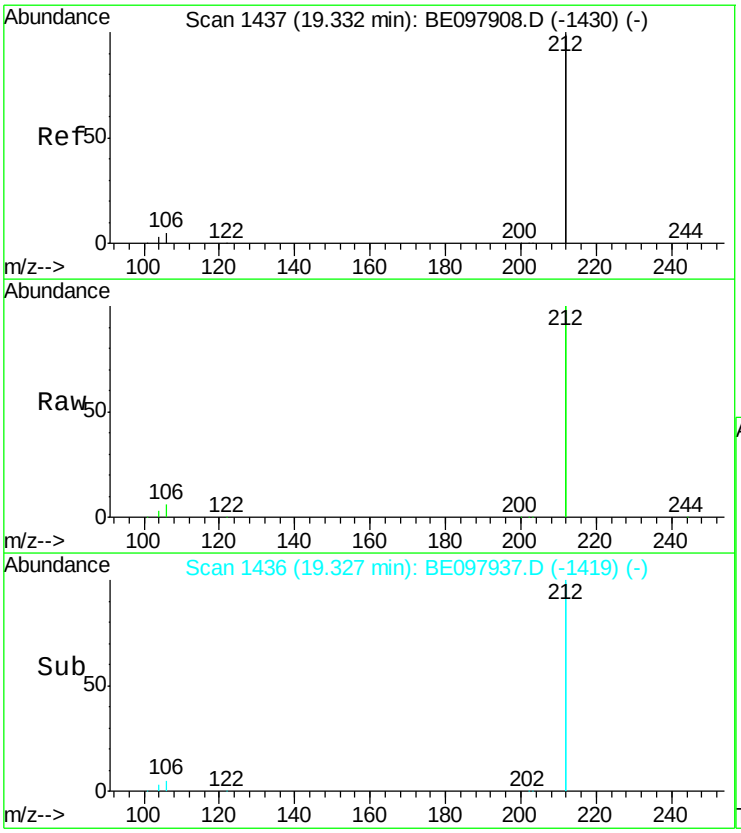
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:188 Resp: 12121

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	6.3	9.5#

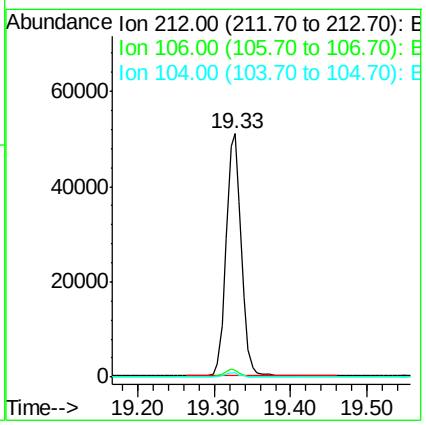


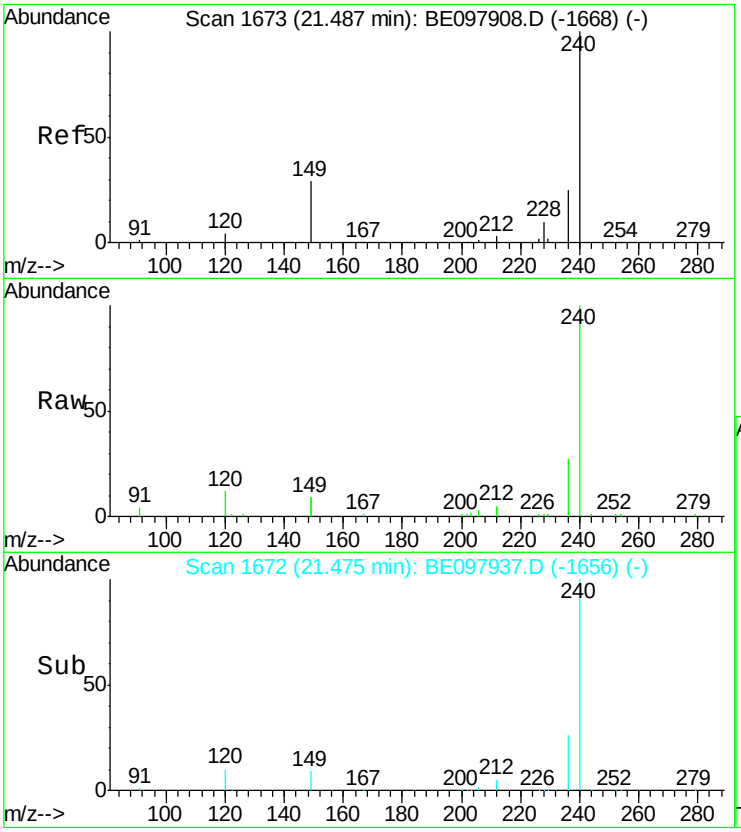


#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion:212 Resp: 71006

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9



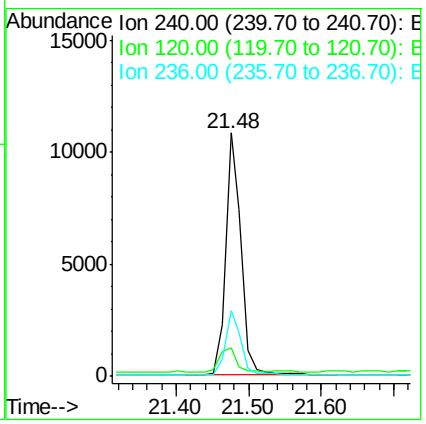


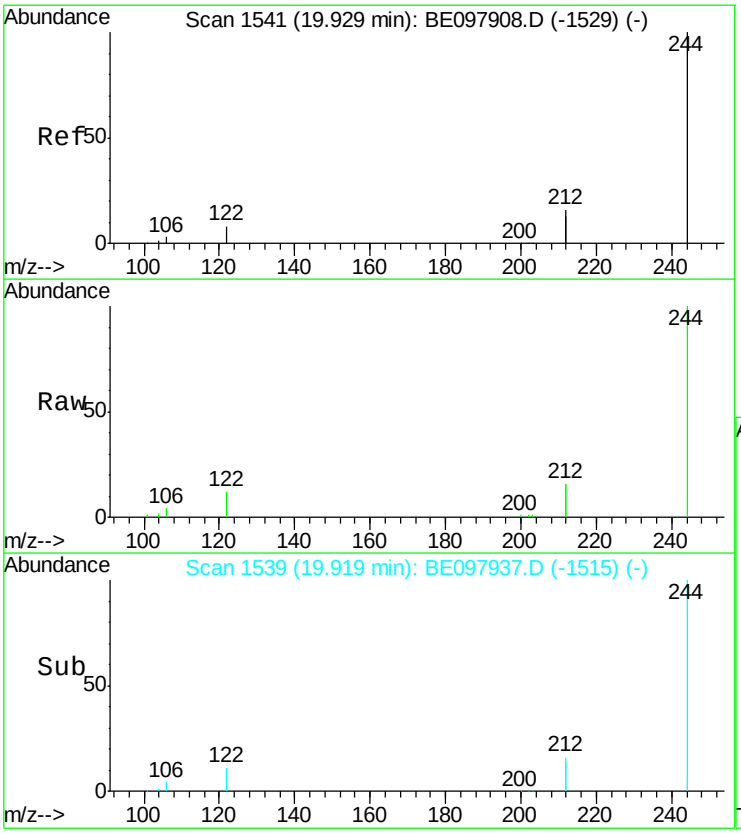
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:240 Resp: 16219

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	27.1	21.3	31.9

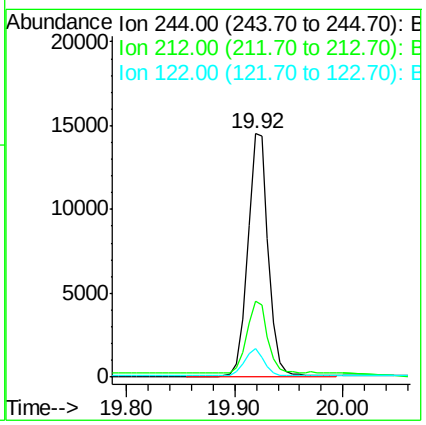


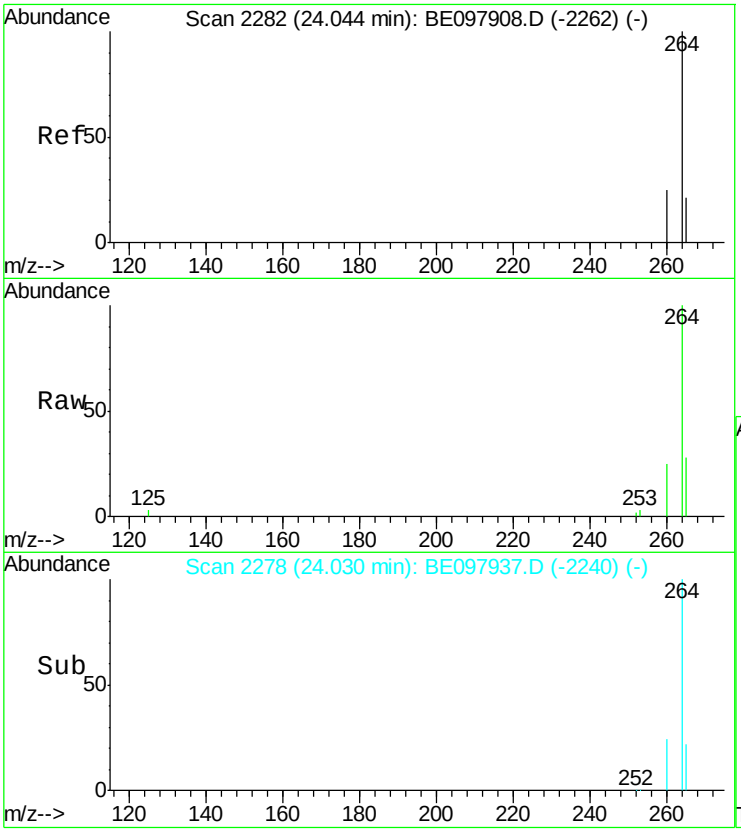


#29
Terphenyl-d14
Concen: 0.511 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Tgt Ion:244 Resp: 18983

Ion	Ratio	Lower	Upper
244	100		
212	31.3	26.2	39.2
122	11.9	7.7	11.5#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097937.D
Acq: 17 Oct 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE-108D1-20181004

Tgt Ion:264 Resp: 16799

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.1	31.7
265	27.7	29.2	43.8#