Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
Data File : BE097782.D
Acq On : 6 Oct 2018 8:47
Operator : SJ/JU
Sample : J5189-11DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TT-101D1-20180928DL

Quant Time: Oct 08 07:46:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4063	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16087	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9790	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	27417	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	31025	0.40	ng	-0.01
34) Perylene-d12	24.03	264	31861	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	437	0.05	ng	0.00
5) Phenol-d6	7.04	99	353	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	868	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	2164	0.08	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	222	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4148	0.10	ng	-0.01
25) Fluoranthene-d10	19.33	212	29653	0.09	ng	0.00
29) Terphenyl-d14	19.92	244	6436	0.10	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	8321	1.028	ng	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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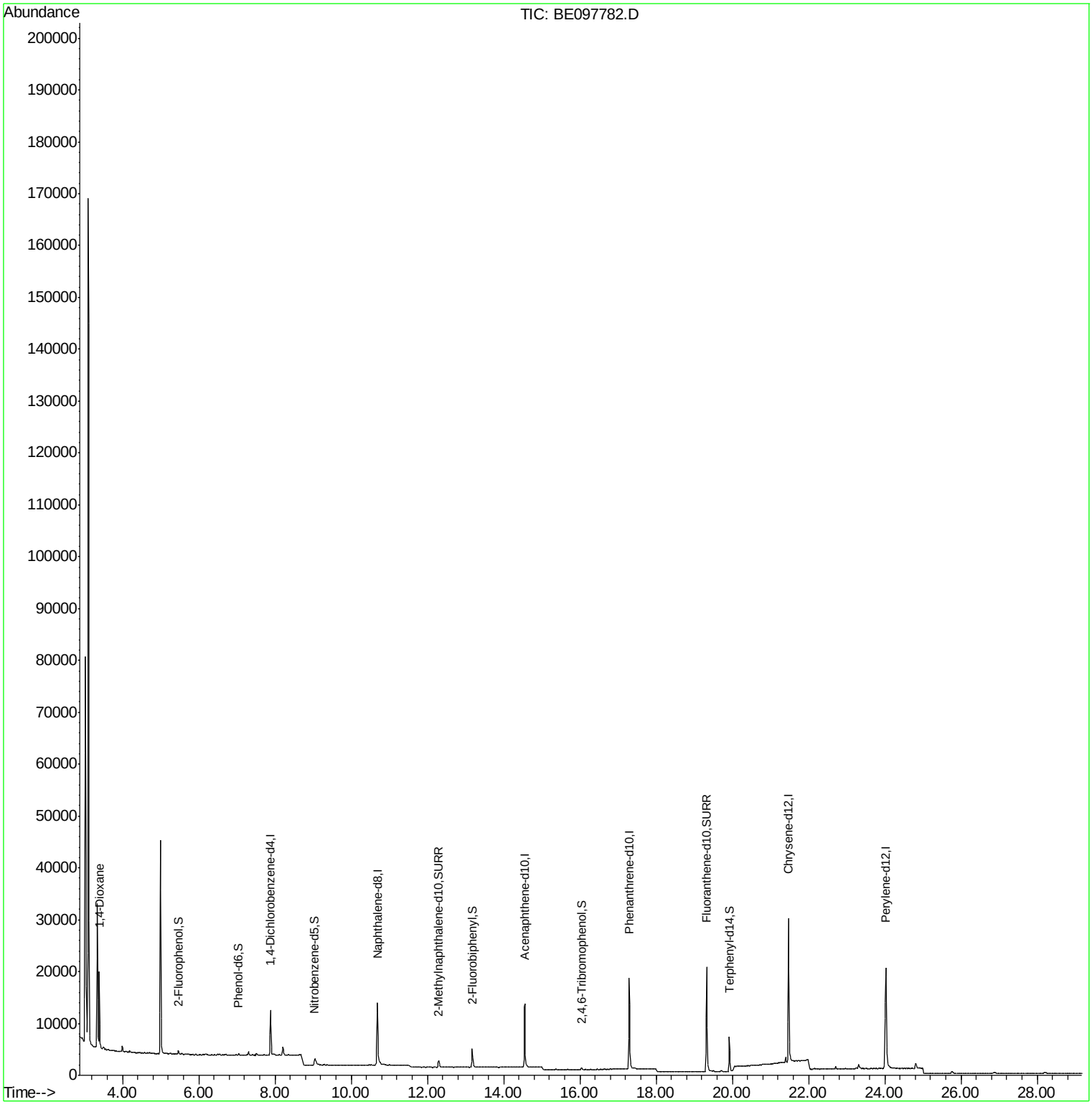
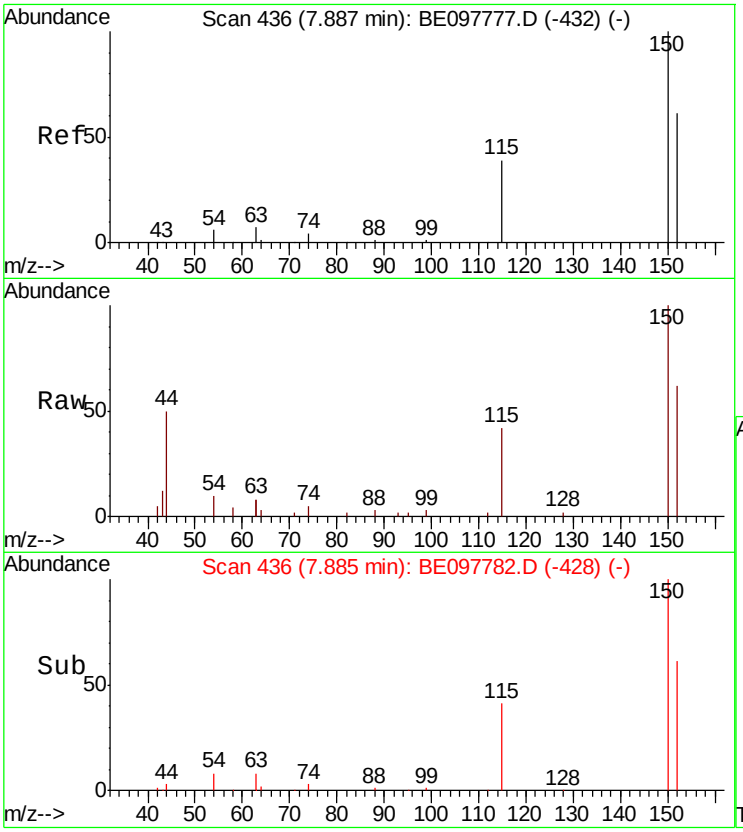


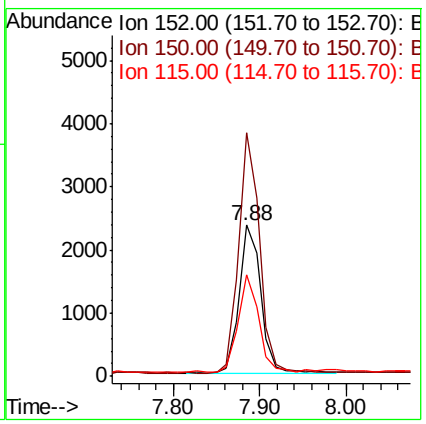


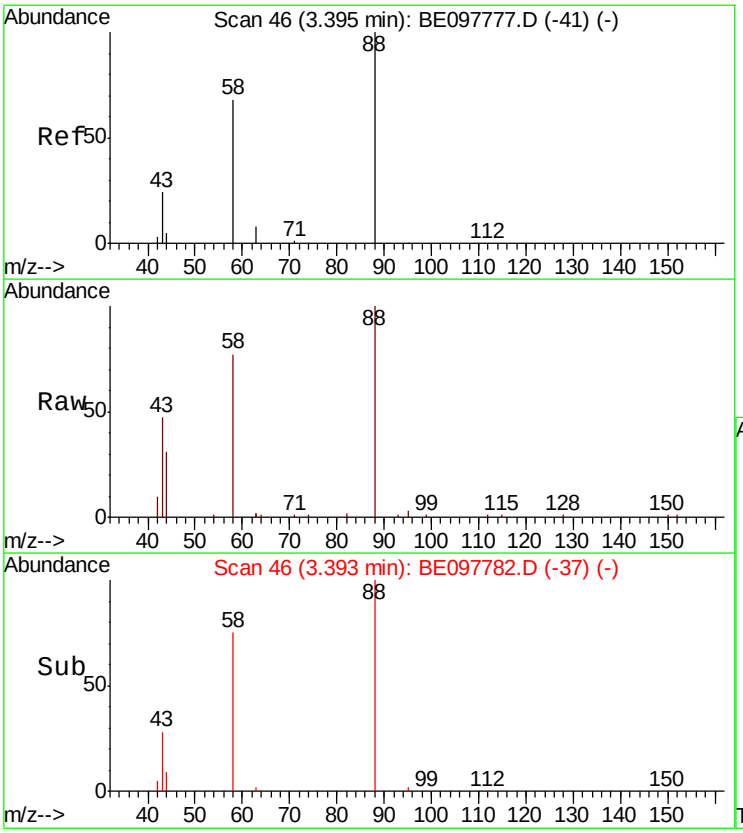
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:152 Resp: 4063

Ion	Ratio	Lower	Upper
152	100		
150	161.3	120.9	181.3
115	67.5	46.6	69.8

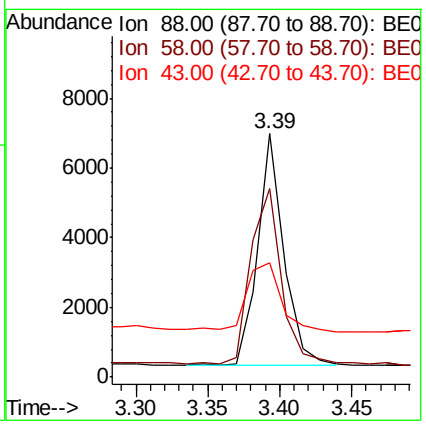


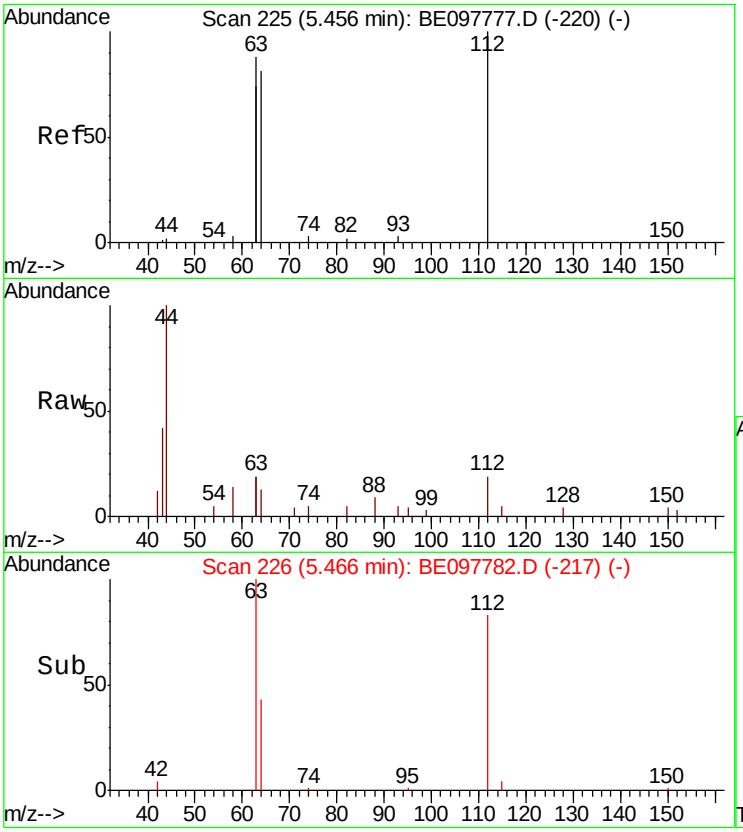


#2
1,4-Dioxane
Concen: 1.028 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion: 88 Resp: 8321

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	40.0	33.3	49.9



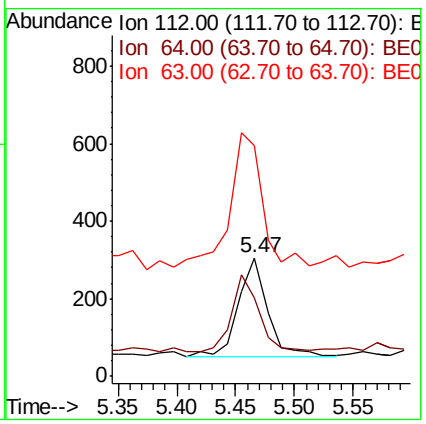


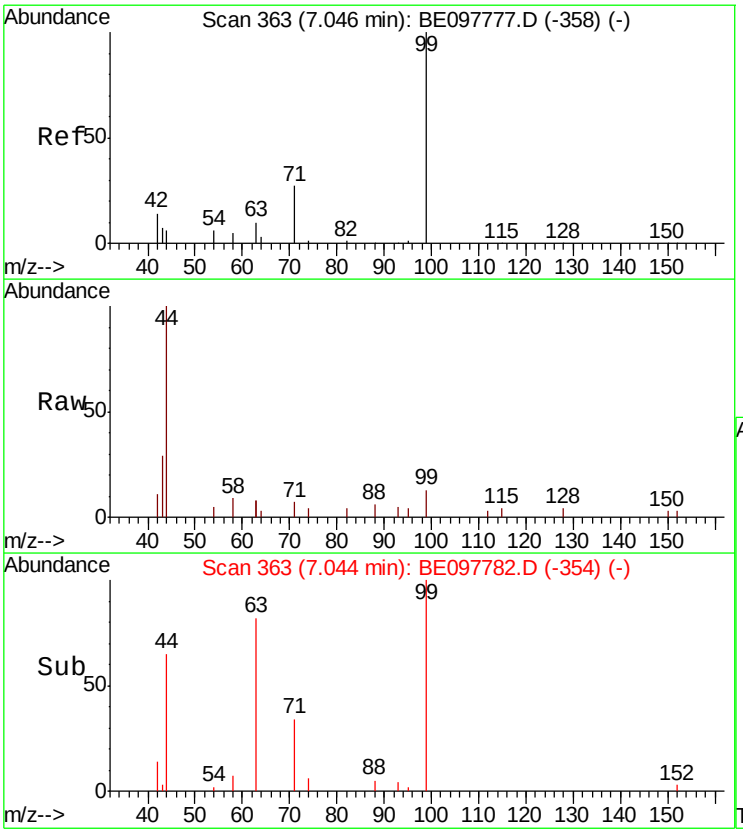
#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:112 Resp: 437

Ion	Ratio	Lower	Upper
112	100		
64	73.0	56.6	84.8
63	157.4	119.4	179.0

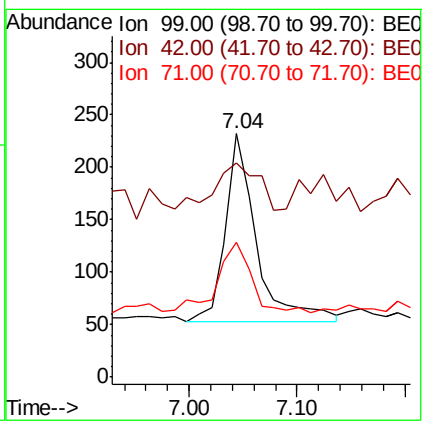


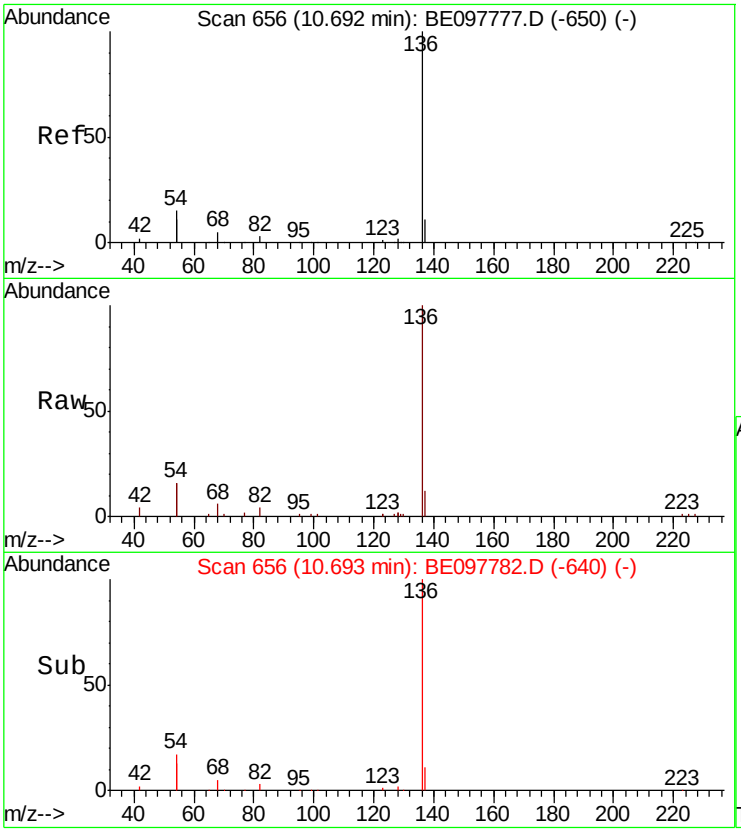


#5
Phenol-d6
Concen: 0.024 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion: 99 Resp: 353

Ion	Ratio	Lower	Upper
99	100		
42	44.8	19.9	29.9#
71	42.2	25.4	38.2#



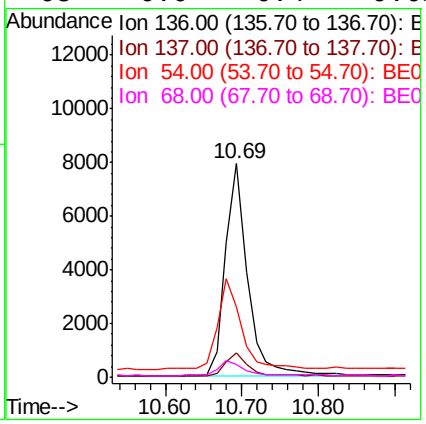


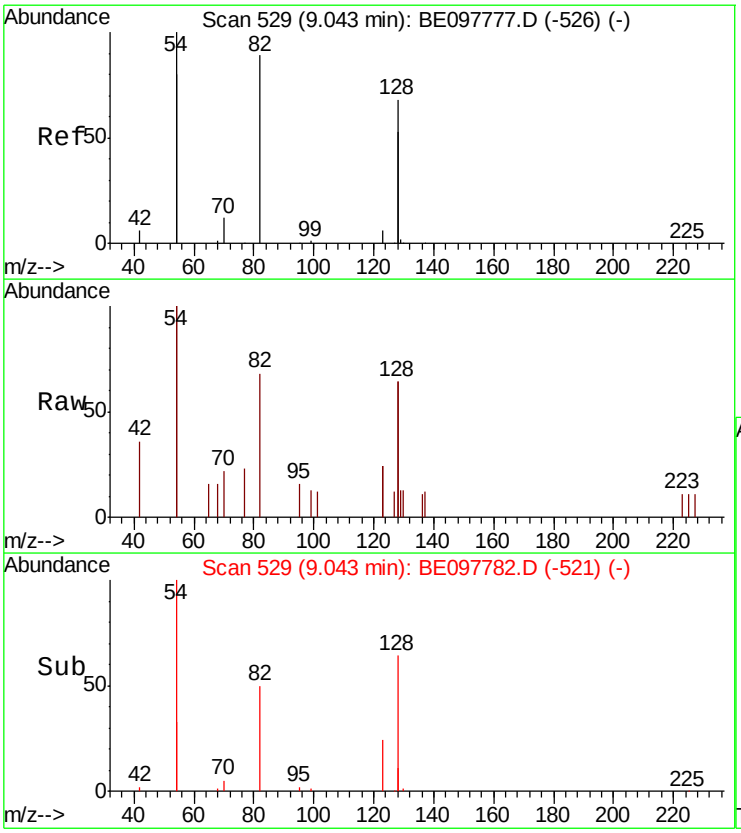
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:136 Resp: 16087

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	33.0	37.8	56.6#
68	6.0	6.4	9.6#

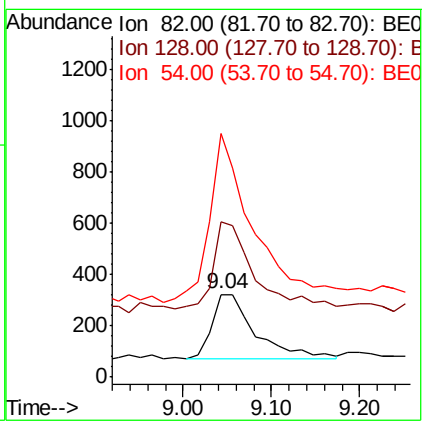


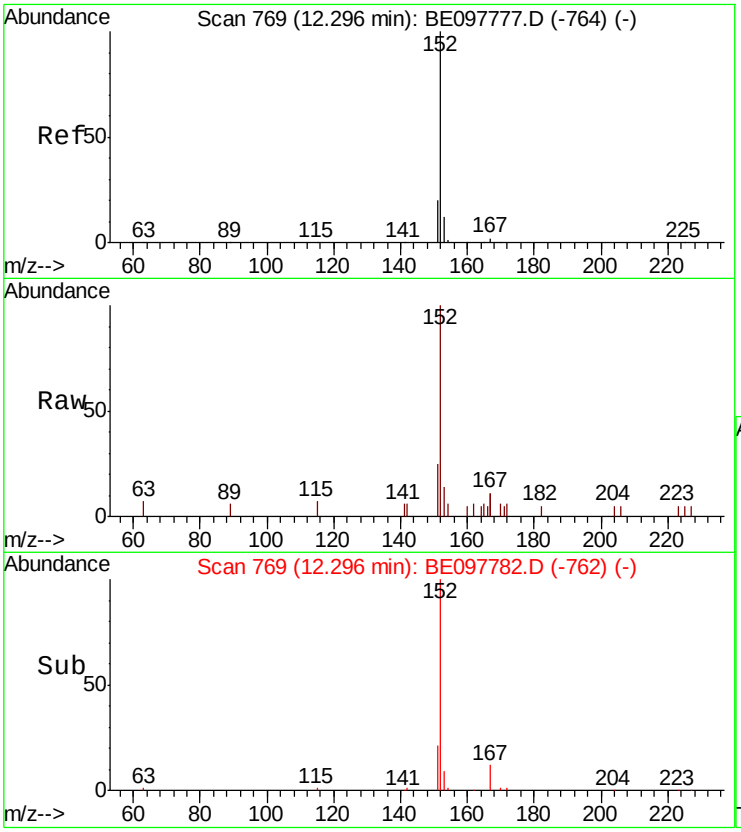


#8
Nitrobenzene-d5
Concen: 0.166 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion: 82 Resp: 868

Ion	Ratio	Lower	Upper
82	100		
128	188.2	97.0	145.4#
54	295.0	206.9	310.3



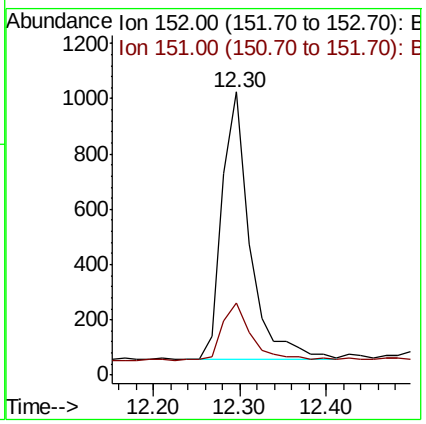


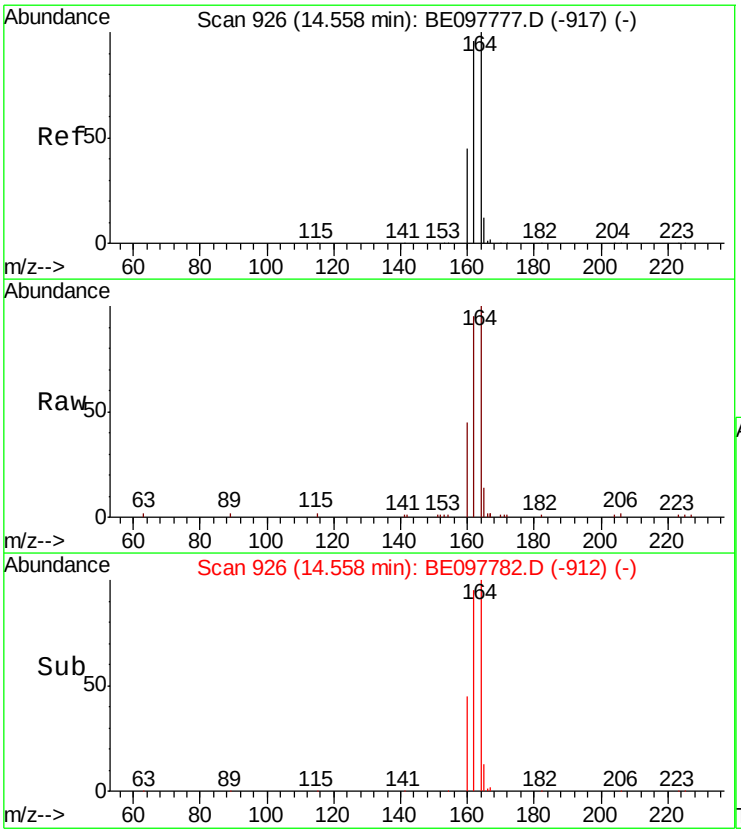
#11
2-Methylnaphthalene-d10
Concen: 0.085 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:152 Resp: 2164

Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.4	23.2

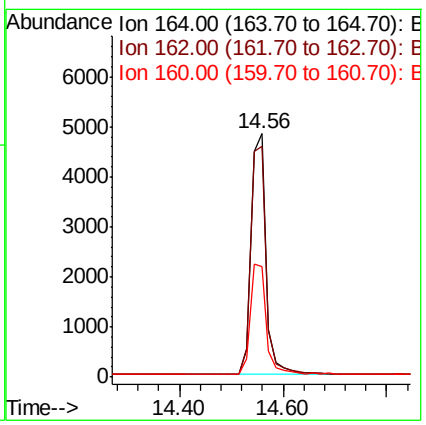


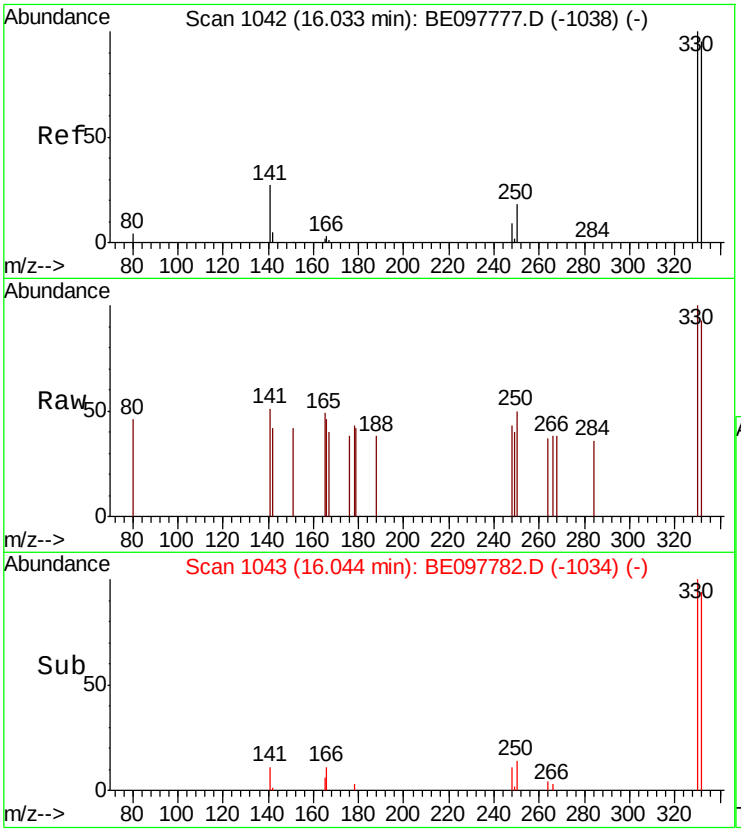


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion:164 Resp: 9790

Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.6	117.8
160	45.4	37.8	56.6



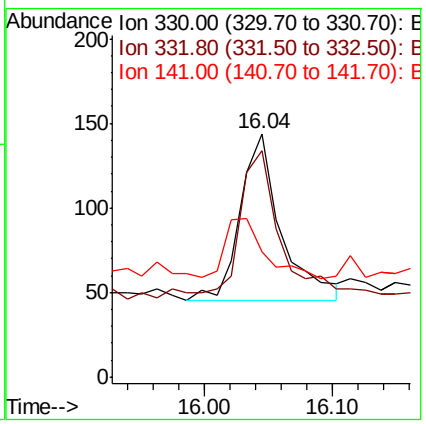


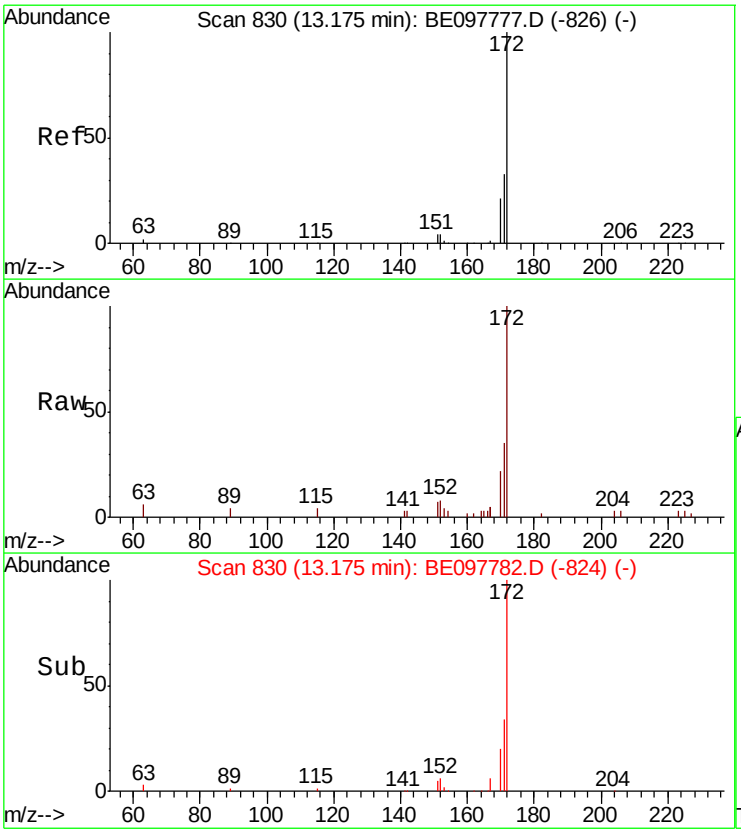
#14
2,4,6-Tribromophenol
Concen: 0.125 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:330 Resp: 222

Ion	Ratio	Lower	Upper
330	100		
332	90.5	83.5	125.3
141	35.1	34.9	52.3

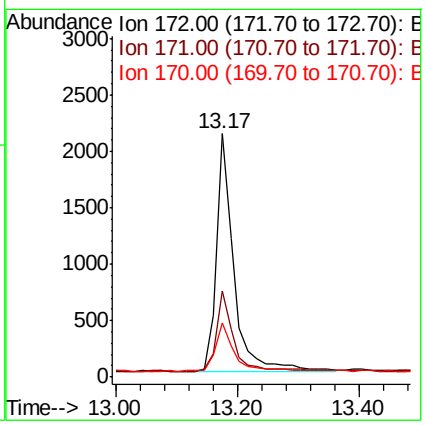


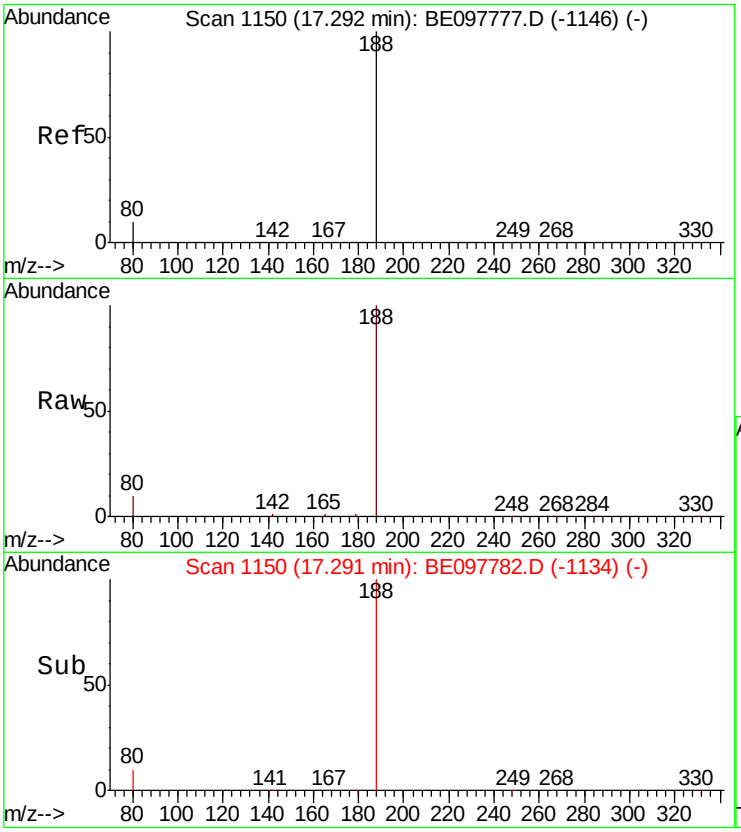


#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion:172 Resp: 4148

Ion	Ratio	Lower	Upper
172	100		
171	35.1	25.2	37.8
170	22.3	16.2	24.2



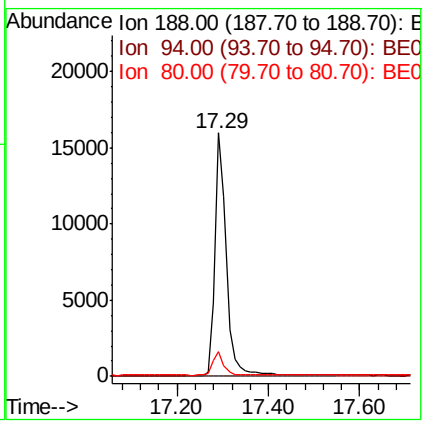


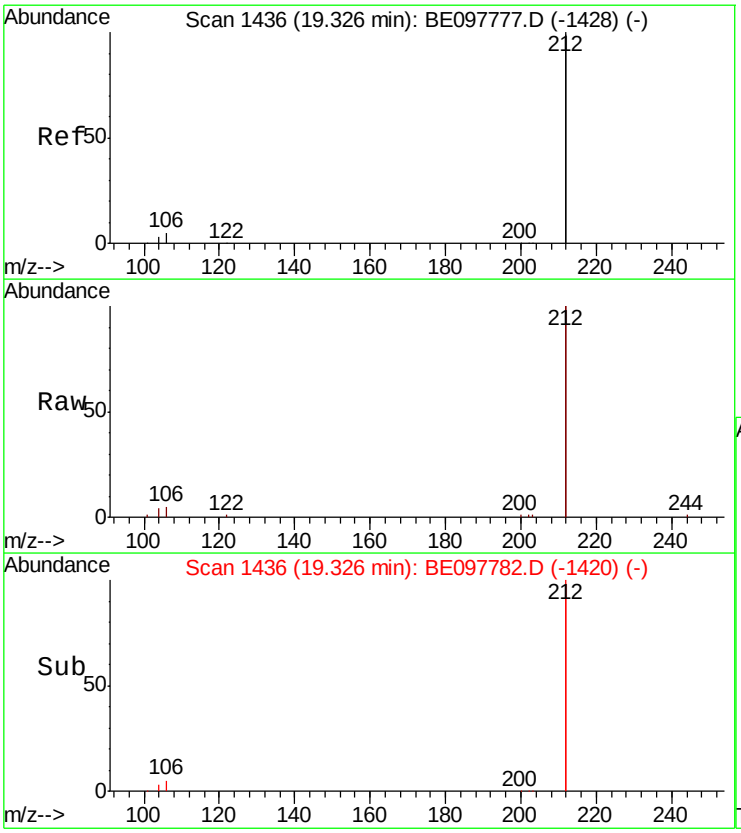
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:188 Resp: 27417

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	6.6	9.8#

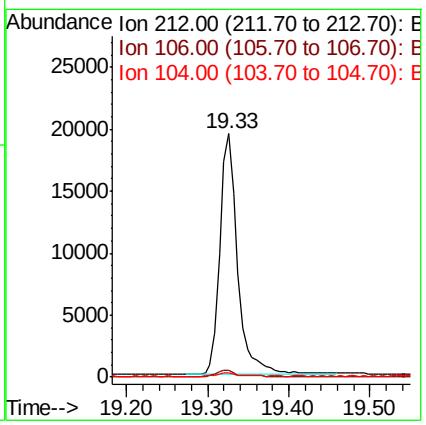


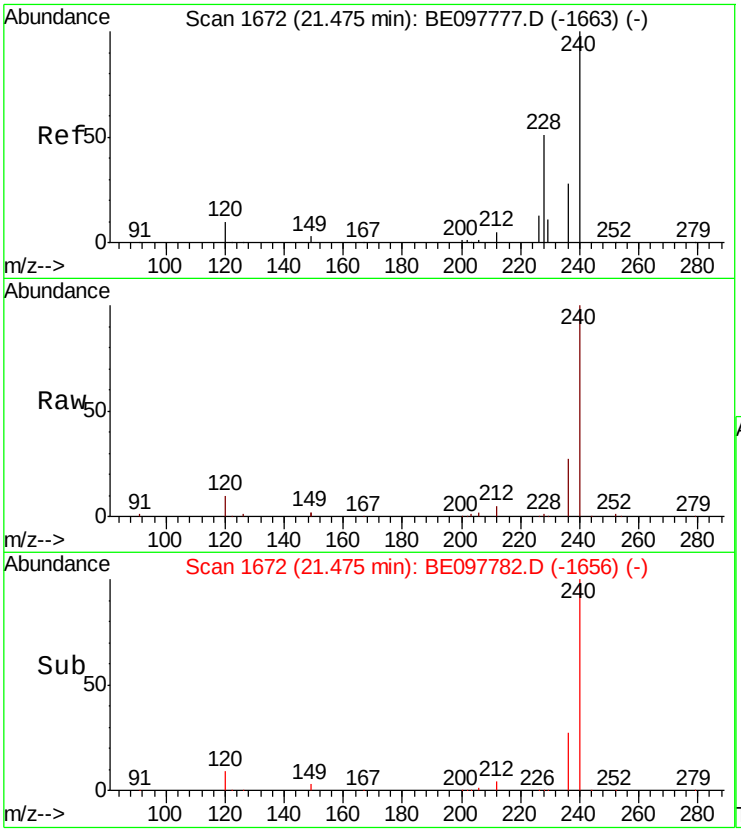


#25
Fluoranthene-d10
Concen: 0.085 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion:212 Resp: 29653

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.2	1.8



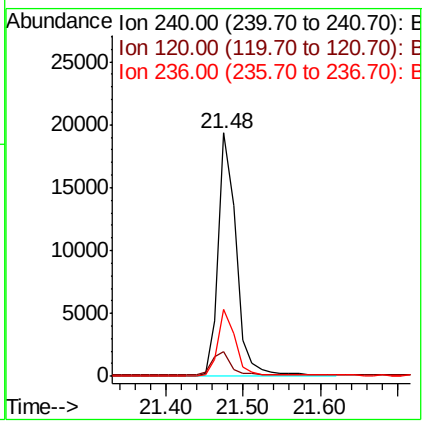


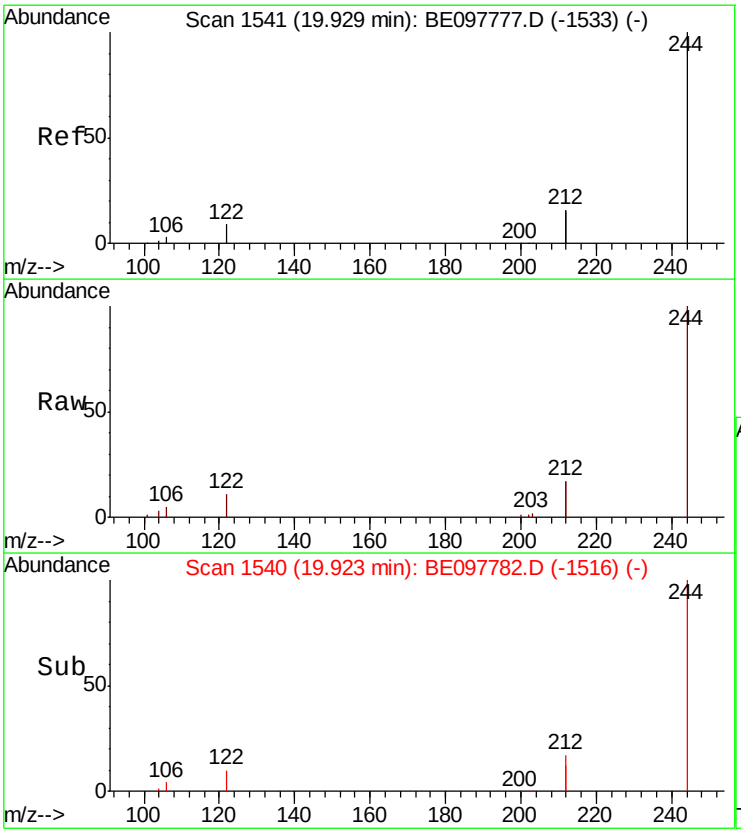
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:240 Resp: 31025

Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.7	7.1#
236	27.5	20.8	31.2

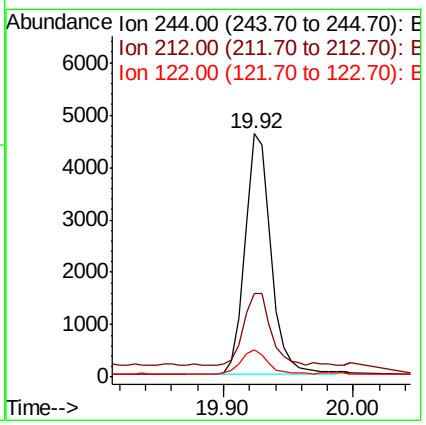


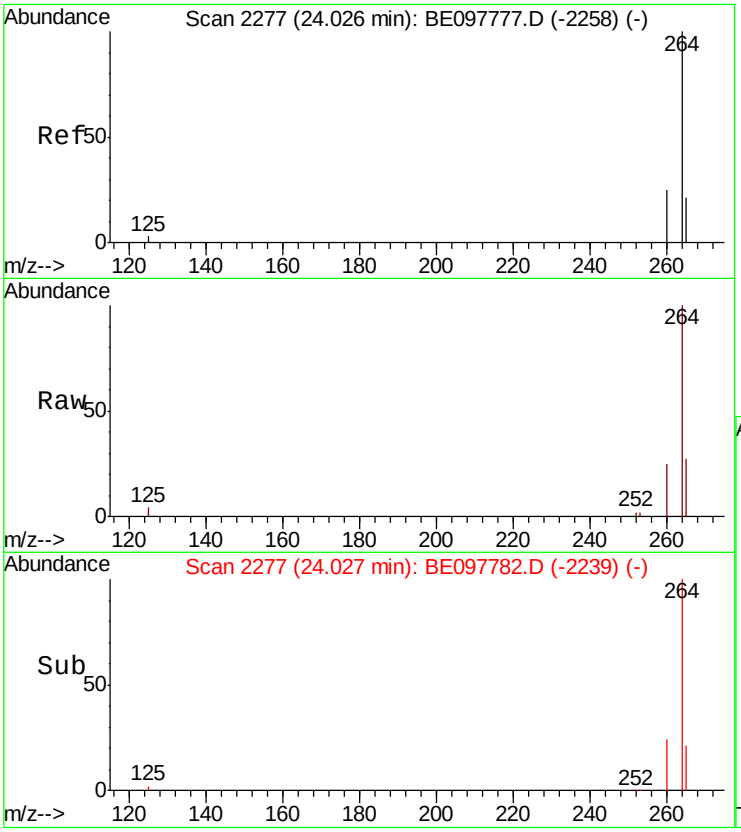


#29
Terphenyl-d14
Concen: 0.102 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion:244 Resp: 6436

Ion	Ratio	Lower	Upper
244	100		
212	34.4	25.8	38.8
122	11.4	8.7	13.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tgt Ion:264 Resp: 31861

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	26.5	21.9	32.9