Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
Data File : BE097738.D
Acq On : 4 Oct 2018 22:56
Operator : SJ/JU
Sample : J5189-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TT-101D-20180928

Quant Time: Oct 05 06:52:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3165	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	12210	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	6545	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	18733	0.40	ng		0.00
27) Chrysene-d12	21.49	240	24466	0.40	ng		0.00
34) Perylene-d12	24.04	264	22715	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1515	0.20	ng		0.00
5) Phenol-d6	7.04	99	1124	0.10	ng		0.00
8) Nitrobenzene-d5	9.04	82	2754	0.69	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	7697	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	567	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	16907	0.59	ng		-0.01
25) Fluoranthene-d10	19.33	212	107092	0.45	ng		0.00
29) Terphenyl-d14	19.93	244	24156	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	28553	4.528	ng		96
6) bis(2-Chloroethyl)ether	7.31	93	959	0.081	ng		92
32) Bis(2-ethylhexyl)phthalate	21.41	149	2403	0.050	ng	#	97

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

Quantitation Report (QT Reviewed)

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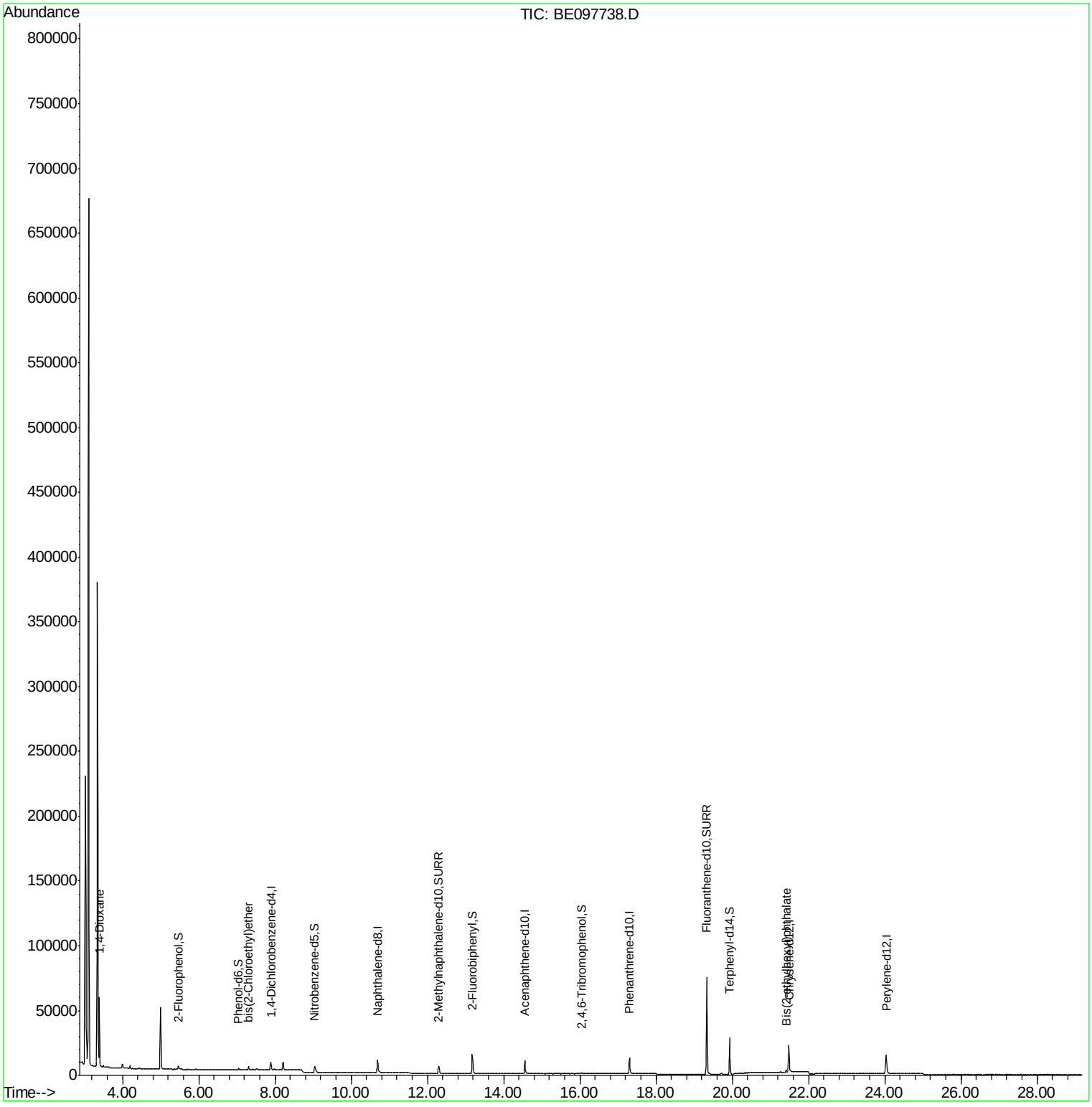
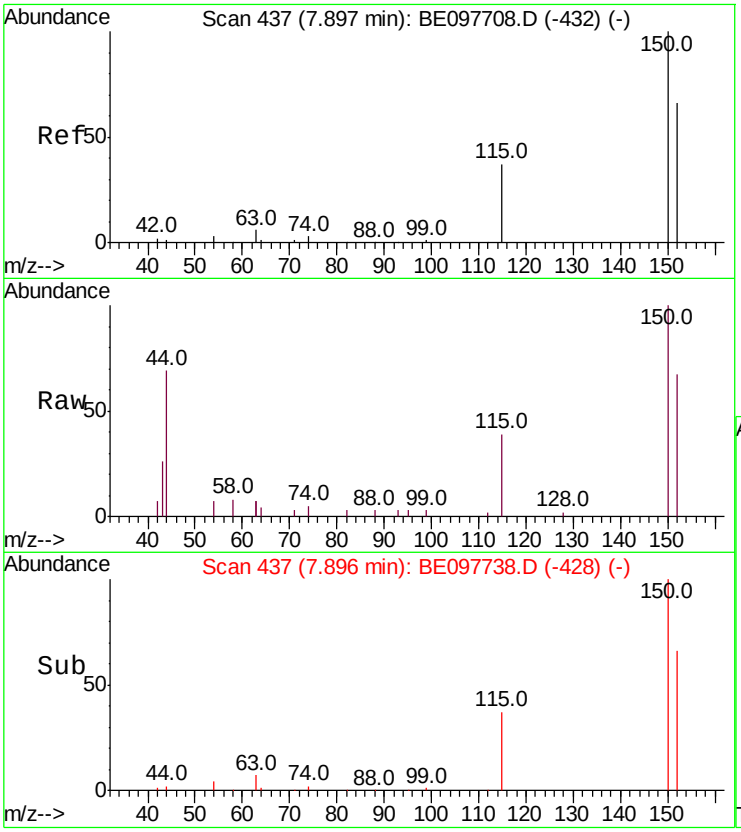
Data File : BE097738.D
Acq On : 4 Oct 2018 22:56
Operator : SJ/JU
Sample : J5189-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Quant Time: Oct 05 06:52:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



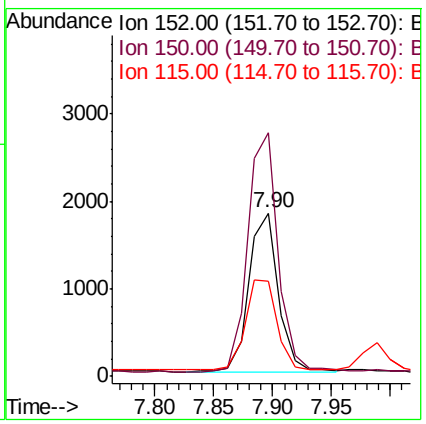


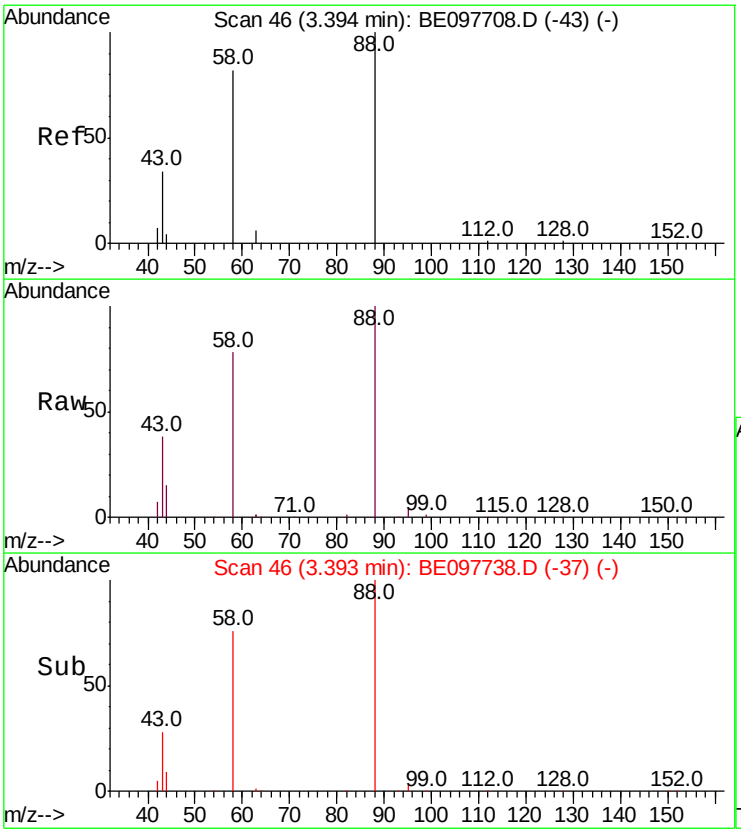
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:152 Resp: 3165

Ion	Ratio	Lower	Upper
152	100		
150	149.3	120.9	181.3
115	58.7	46.6	69.8

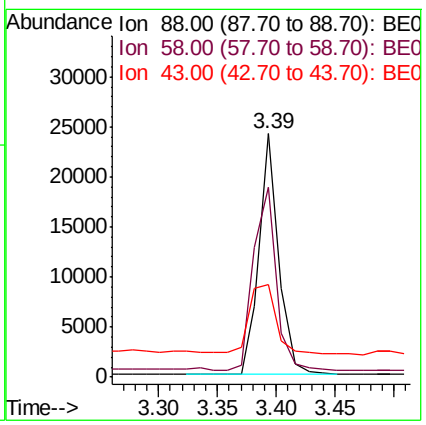


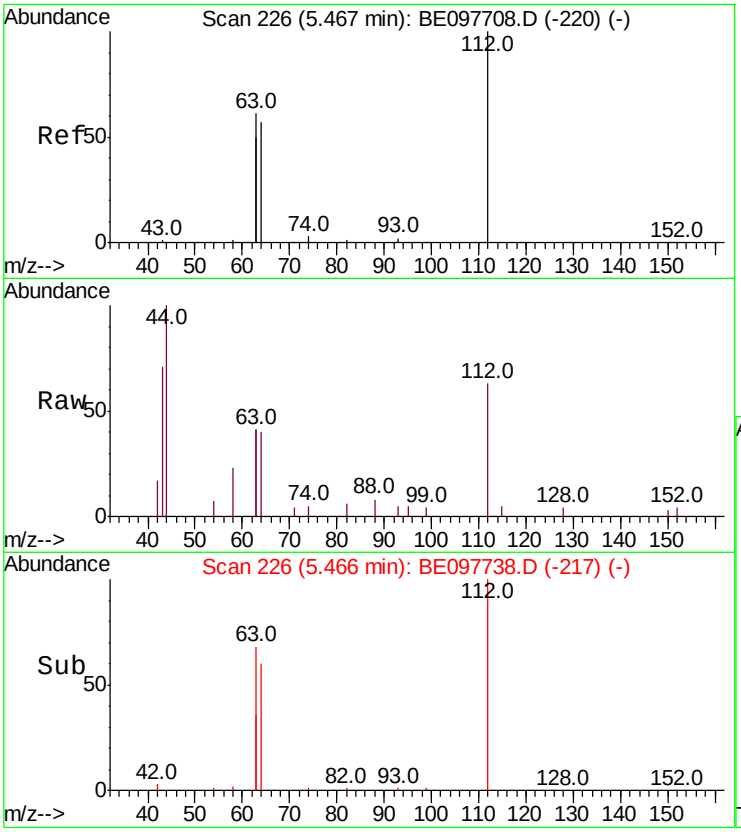


#2
1,4-Dioxane
Concen: 4.528 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion: 88 Resp: 28553

Ion	Ratio	Lower	Upper
88	100		
58	85.8	70.8	106.2
43	38.1	33.3	49.9



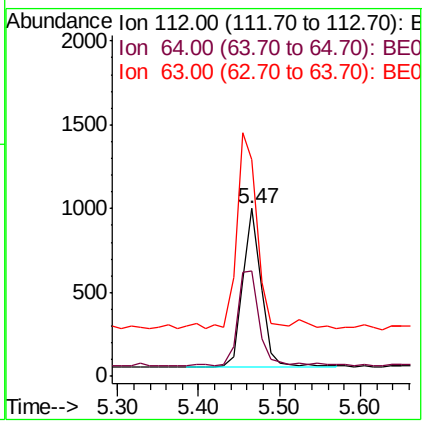


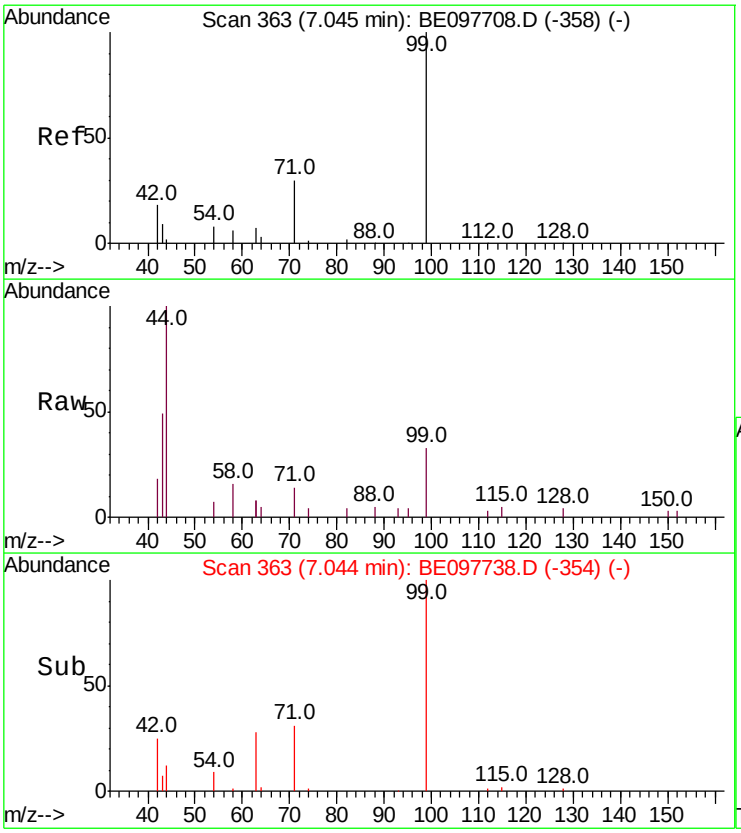
#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:112 Resp: 1515

Ion	Ratio	Lower	Upper
112	100		
64	66.2	56.6	84.8
63	128.9	119.4	179.0

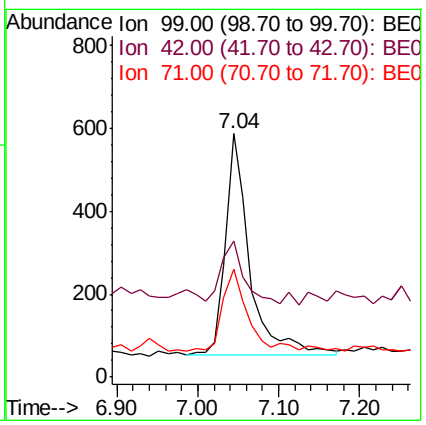


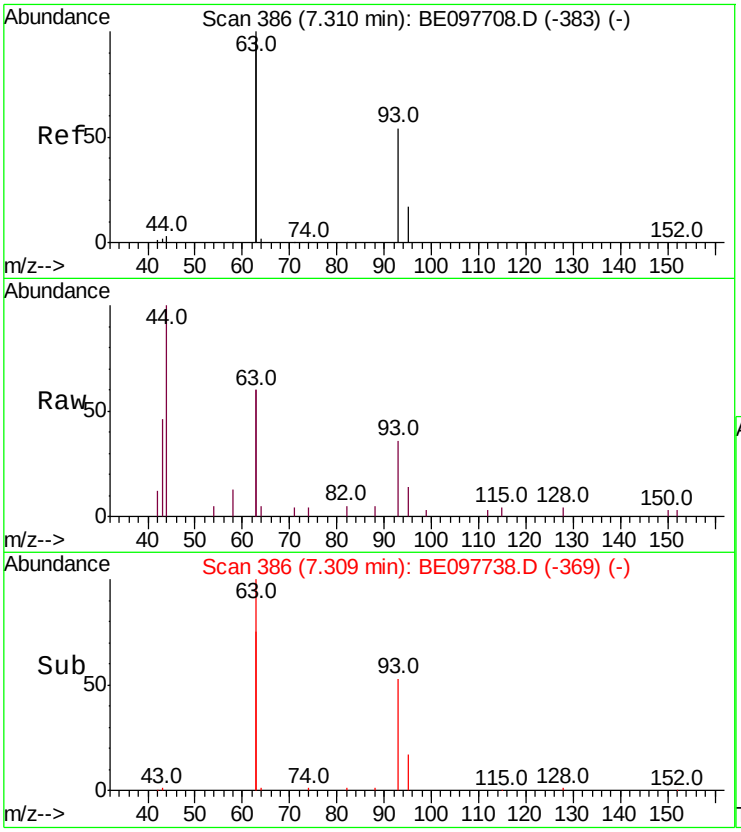


#5
Phenol-d6
Concen: 0.098 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion: 99 Resp: 1124

Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.9	29.9
71	37.3	25.4	38.2



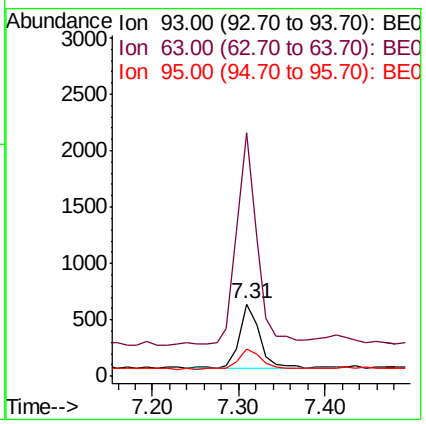


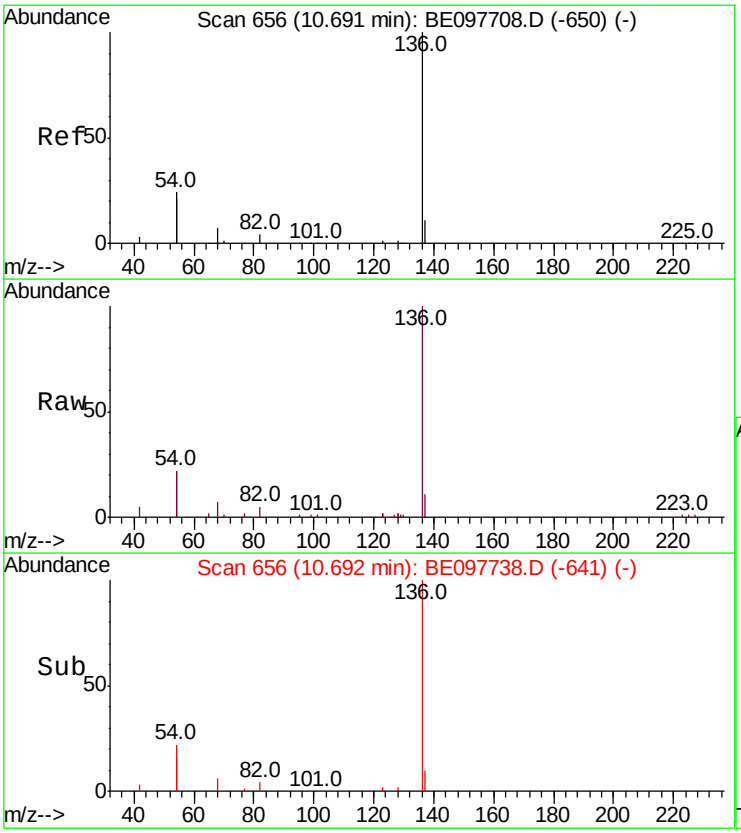
#6
bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion: 93 Resp: 959

Ion	Ratio	Lower	Upper
93	100		
63	316.5	266.9	400.3
95	34.4	26.2	39.2

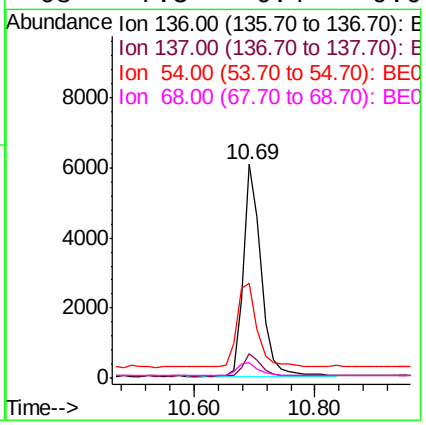


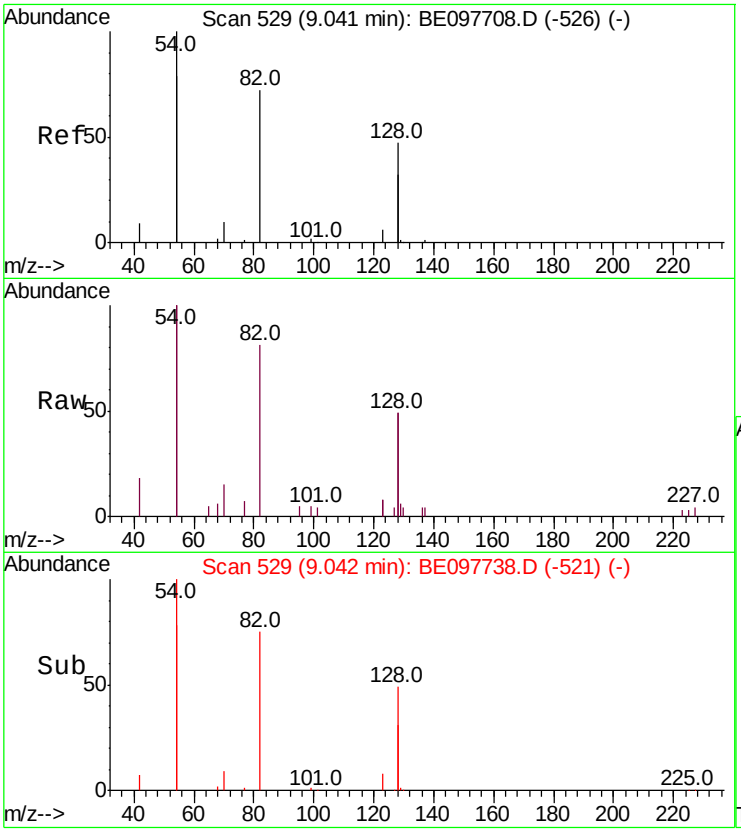


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion:136 Resp: 12210

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	44.1	37.8	56.6
68	7.3	6.4	9.6



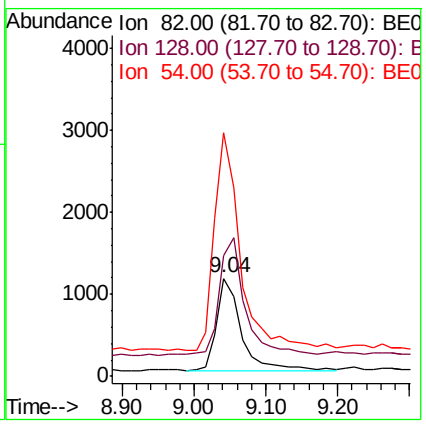


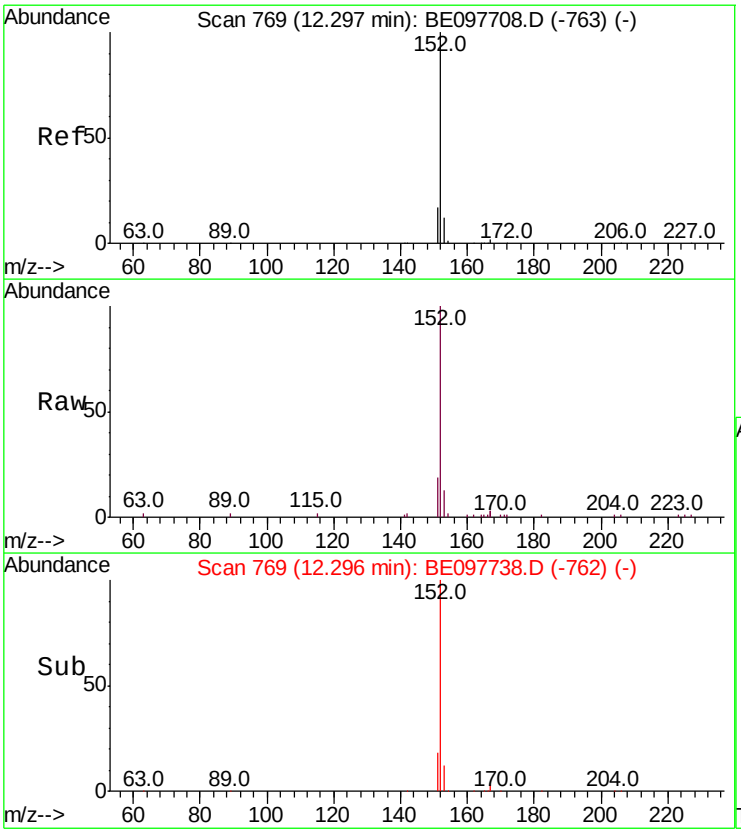
#8
Nitrobenzene-d5
Concen: 0.695 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion: 82 Resp: 2754

Ion	Ratio	Lower	Upper
82	100		
128	122.9	97.0	145.4
54	248.3	206.9	310.3

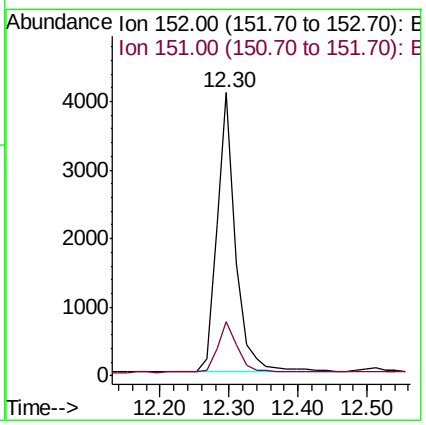


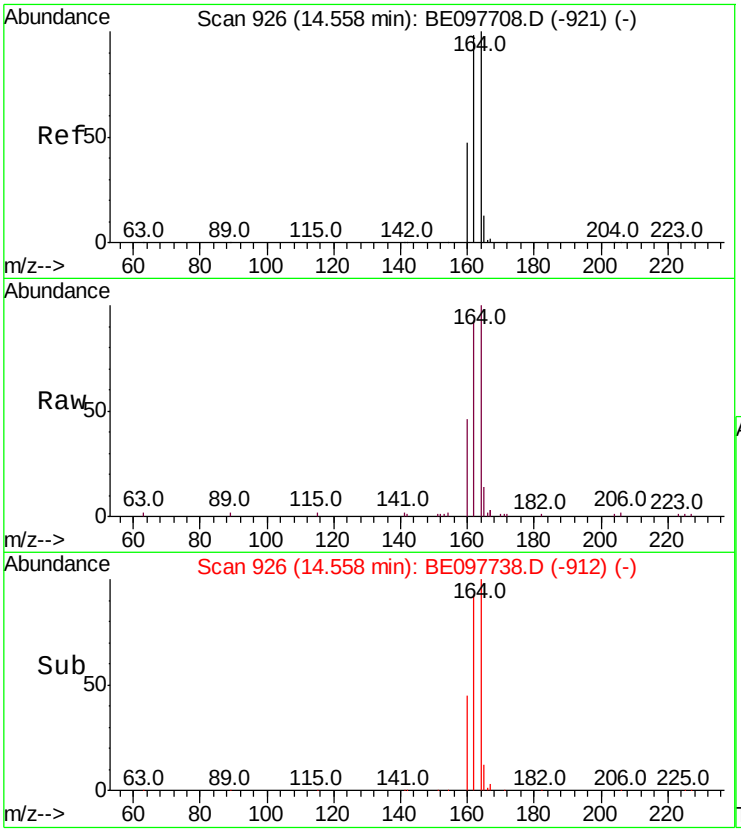


#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion:152 Resp: 7697

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2



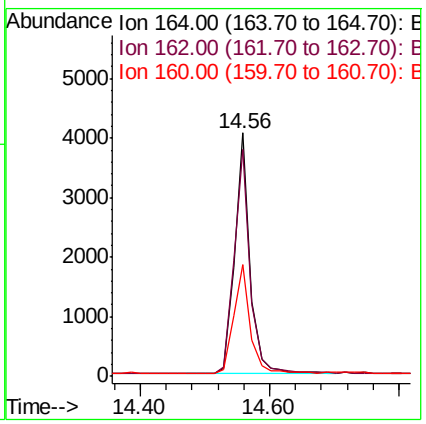


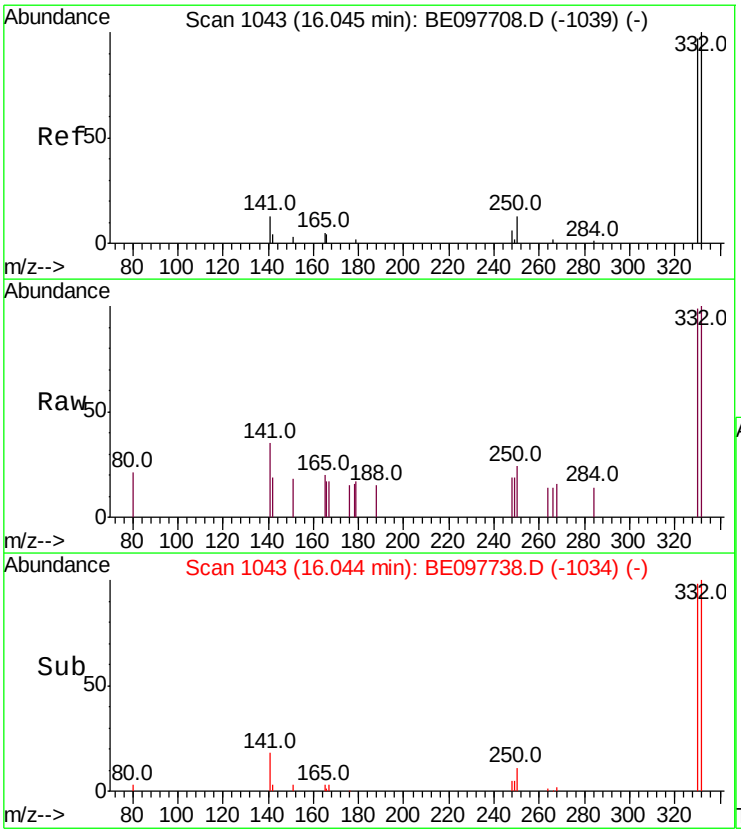
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:164 Resp: 6545

Ion	Ratio	Lower	Upper
164	100		
162	93.4	78.6	117.8
160	45.9	37.8	56.6

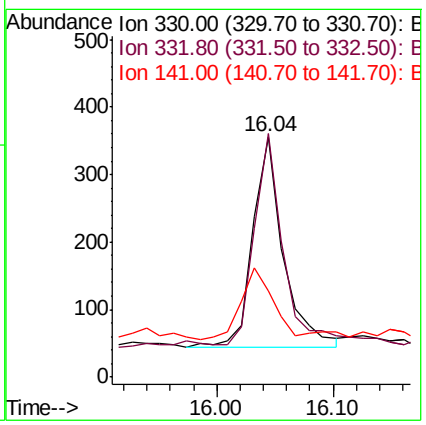


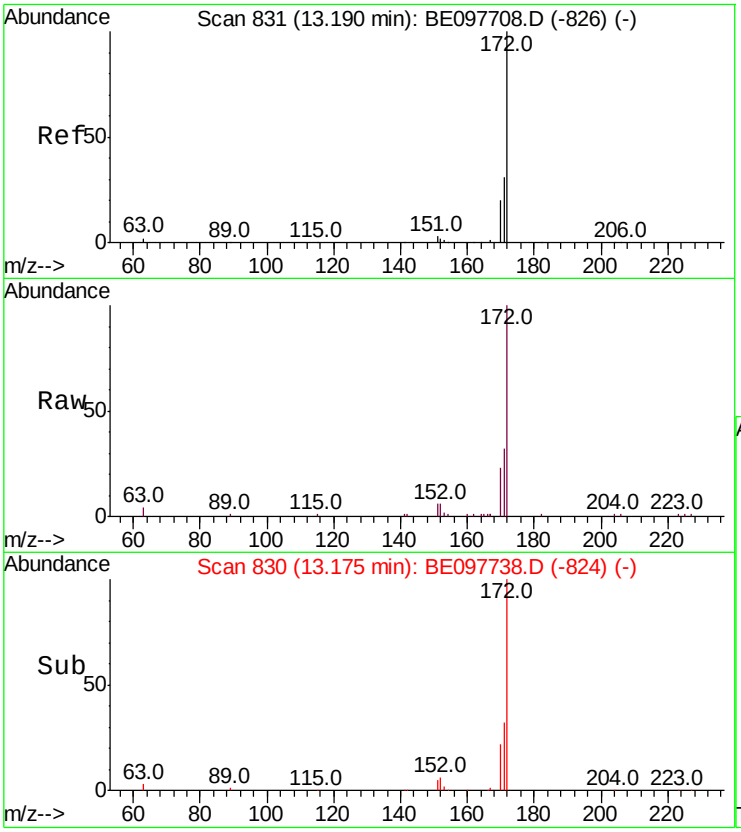


#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion:330 Resp: 567

Ion	Ratio	Lower	Upper
330	100		
332	99.8	83.5	125.3
141	36.3	34.9	52.3



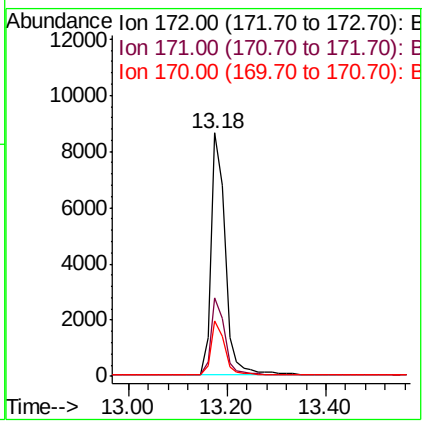


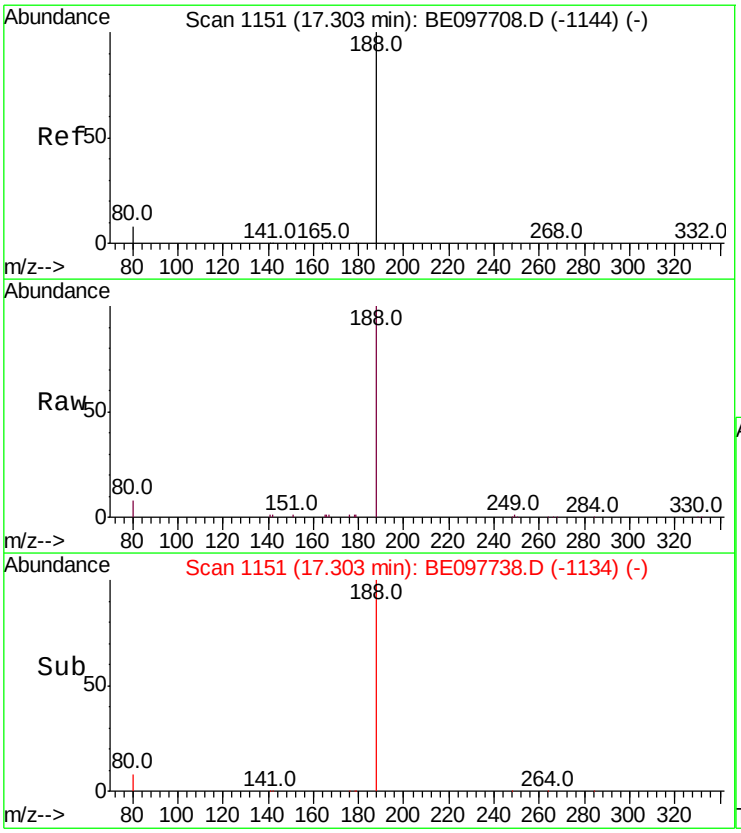
#15
2-Fluorobiphenyl
Concen: 0.587 ng
RT: 13.18 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:172 Resp: 16907

Ion	Ratio	Lower	Upper
172	100		
171	32.0	25.2	37.8
170	22.8	16.2	24.2

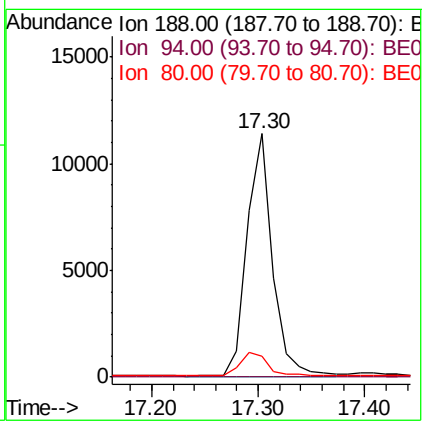


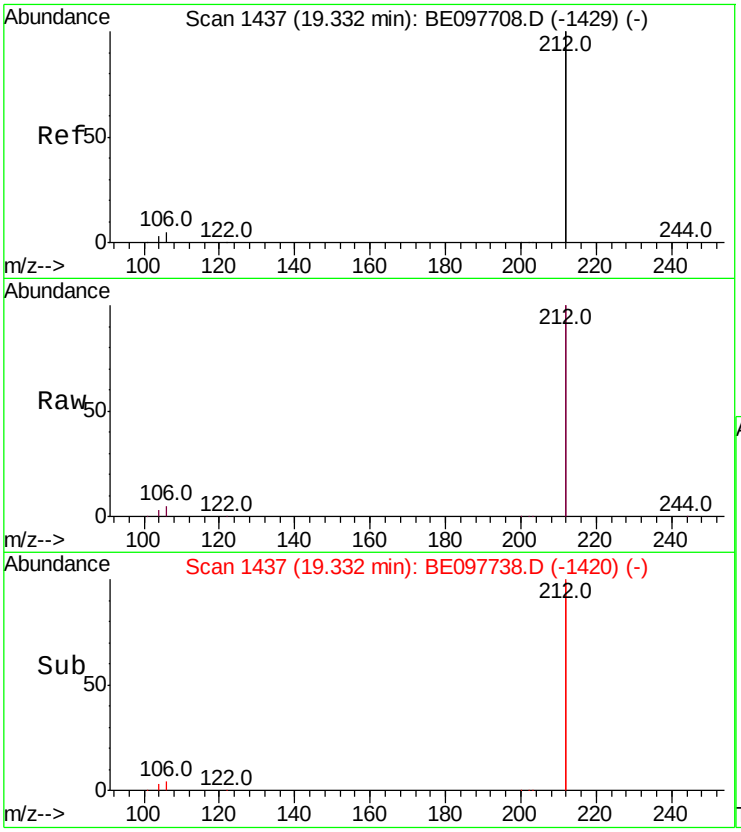


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion:188 Resp: 18733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.6	9.8



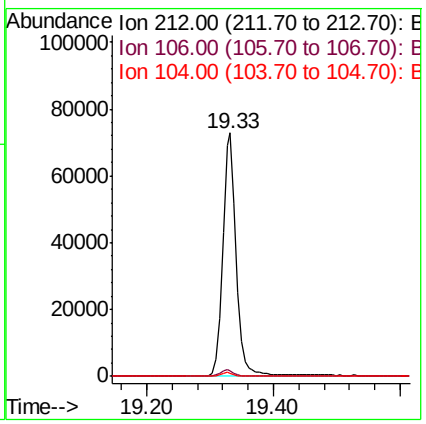


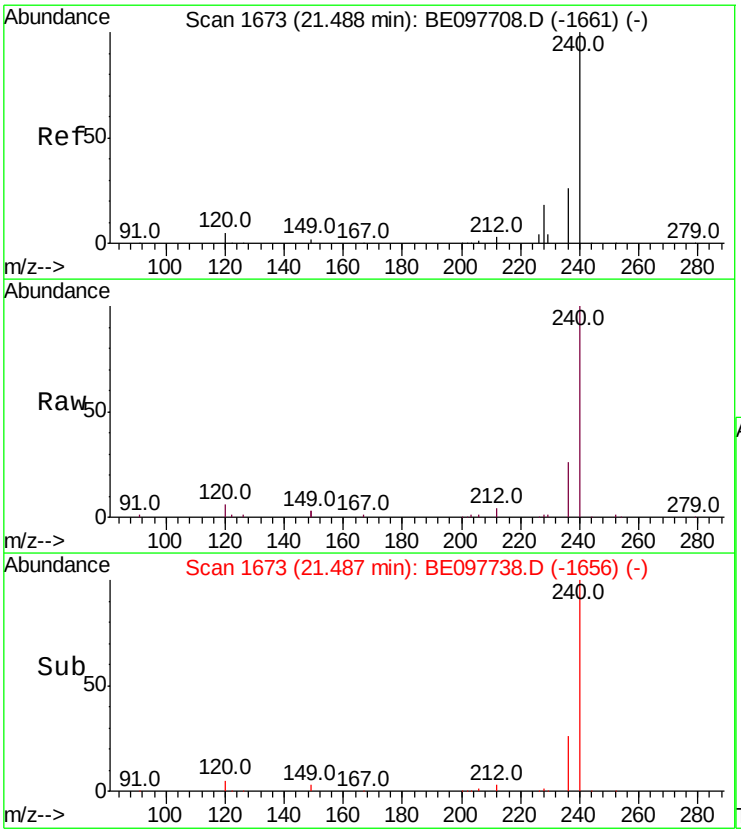
#25
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:212 Resp: 107092

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.2	1.8

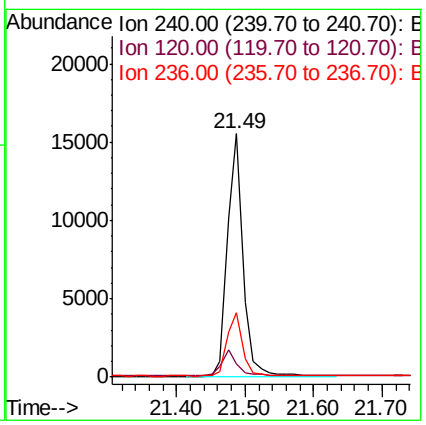


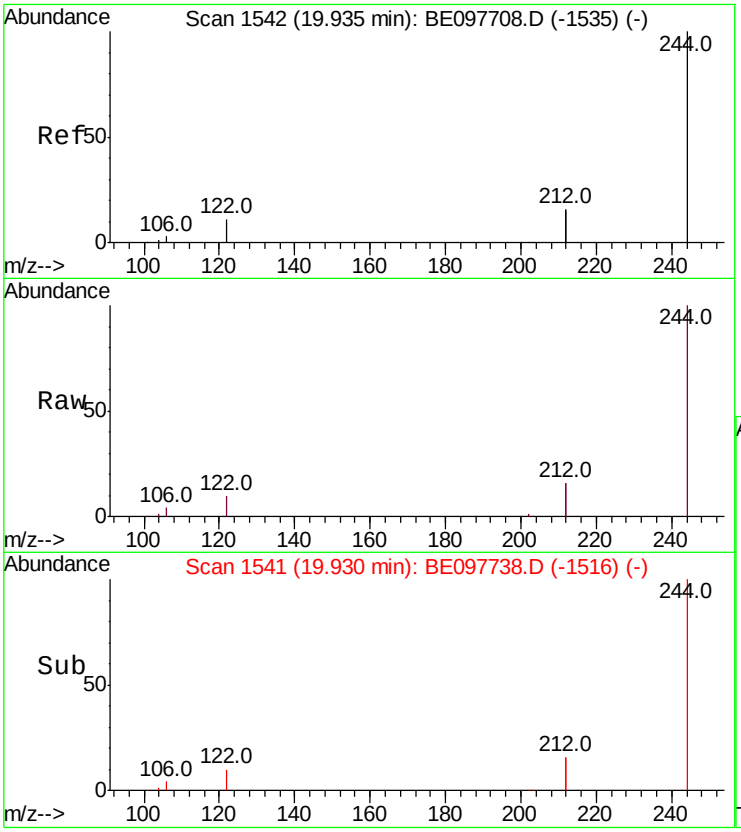


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion:240 Resp: 24466

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.7	7.1
236	26.4	20.8	31.2



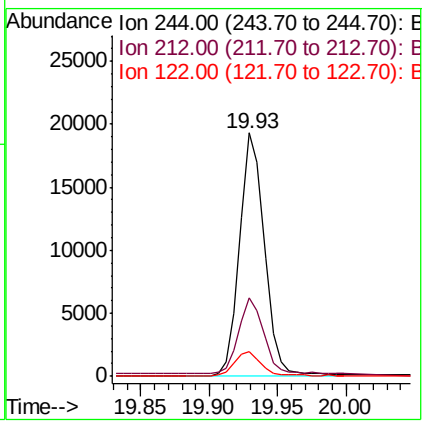


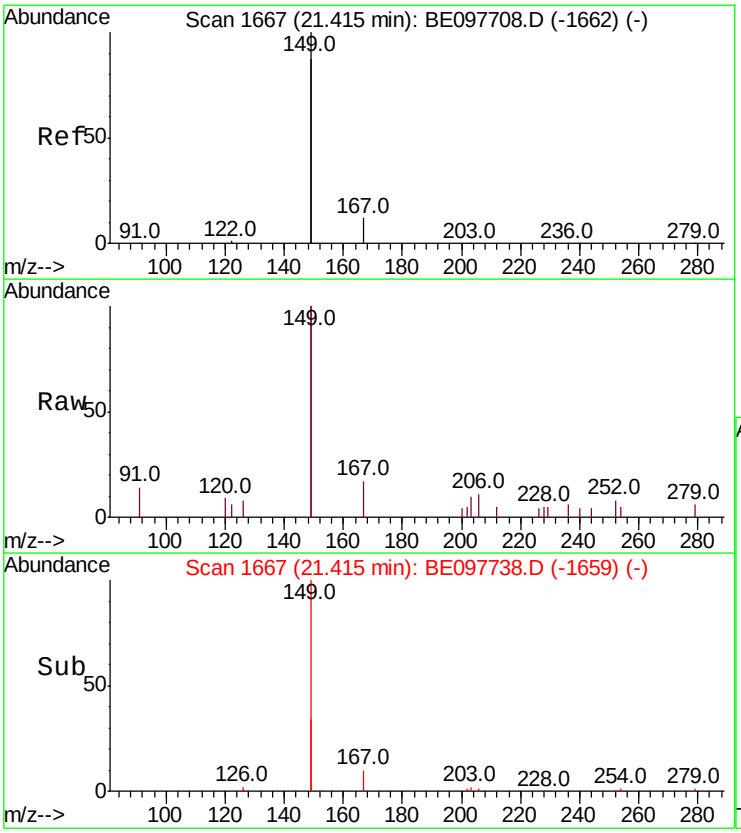
#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:244 Resp: 24156

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.8	38.8
122	10.3	8.7	13.1

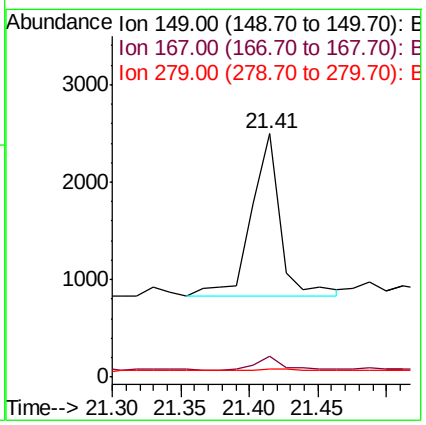


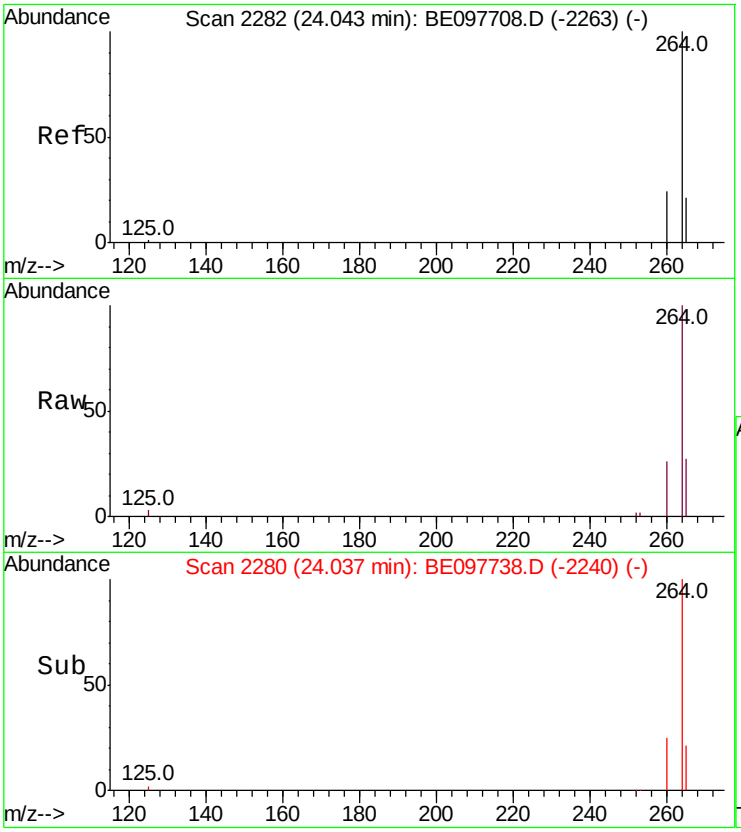


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion:149 Resp: 2403

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.5	8.3
279	1.9	0.9	1.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:264 Resp: 22715

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.1	28.7
265	27.4	21.9	32.9