Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097939.D
Acq On : 17 Oct 2018 9:41
Operator : SJ/JU
Sample : J5317-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-109D3-20181005

Quant Time: Oct 17 16:57:50 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	2049	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	8717	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	5590	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	14910	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	18303	0.40	ng	-0.01
34) Perylene-d12	24.03	264	18950	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1261	0.20	ng	0.00
5) Phenol-d6	7.05	99	1087	0.11	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3508	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5813	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	1238	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	10062	0.44	ng	0.00
25) Fluoranthene-d10	19.33	212	84421	0.42	ng	0.00
29) Terphenyl-d14	19.92	244	32865	0.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	13789	3.860	ng	91
6) bis(2-Chloroethyl)ether	7.30	93	262	0.032	ng #	87

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

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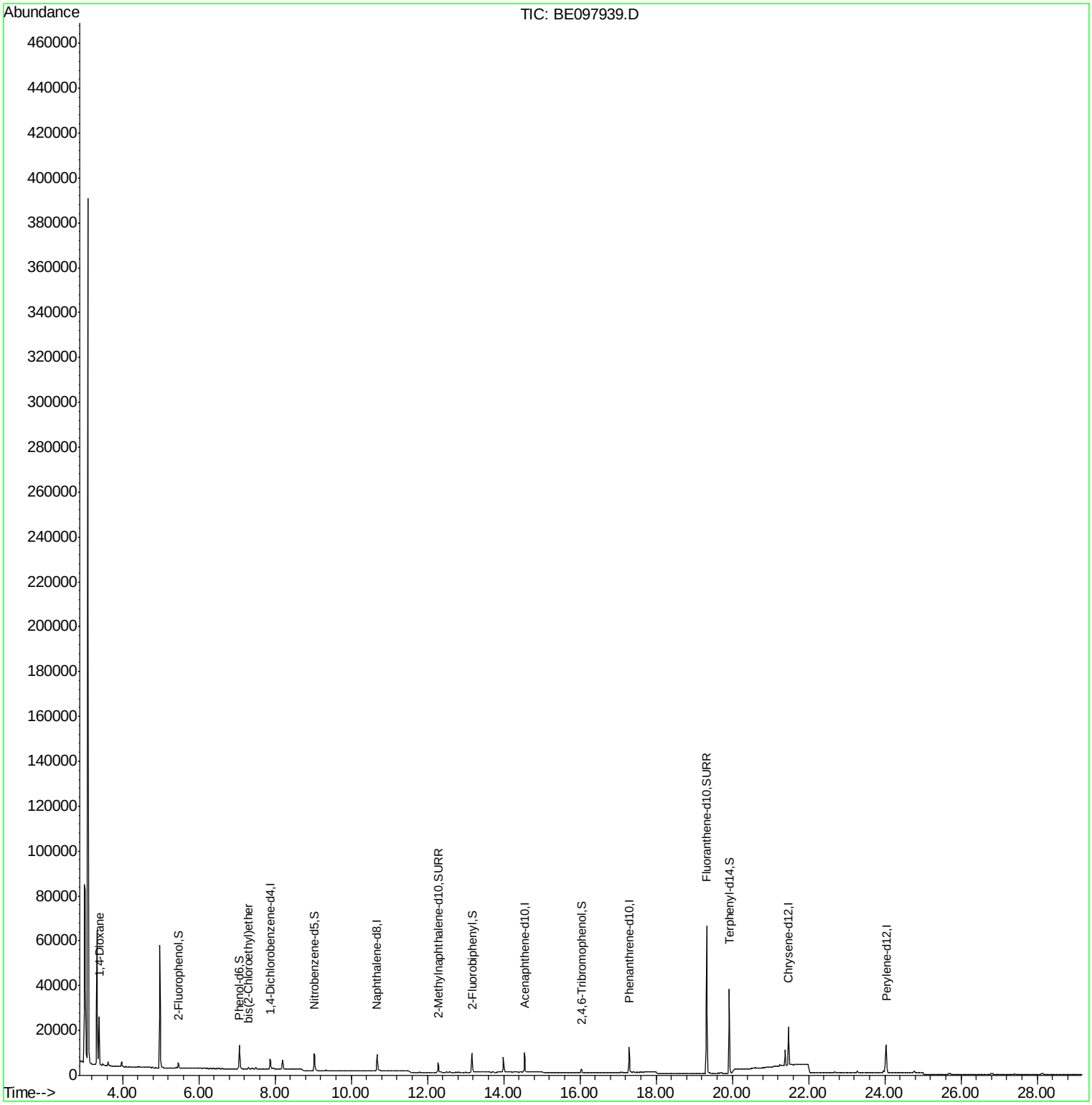
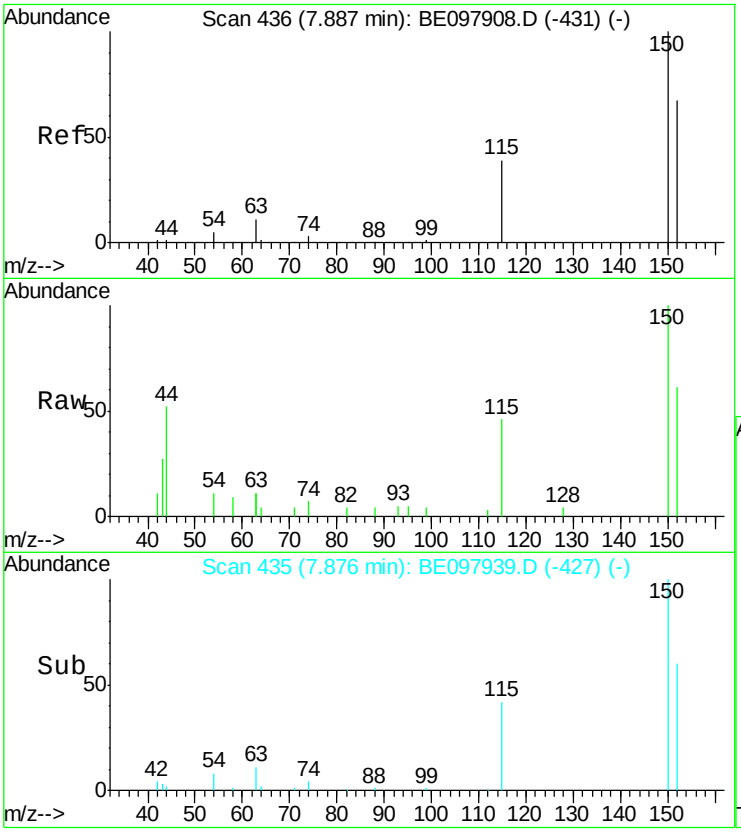


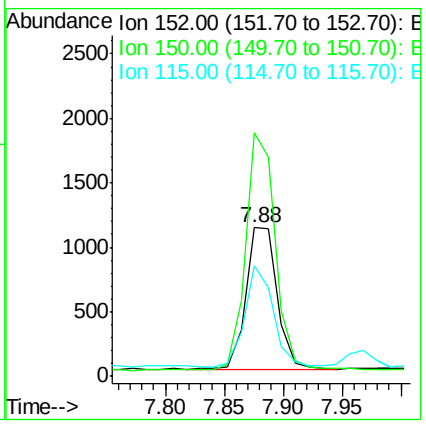


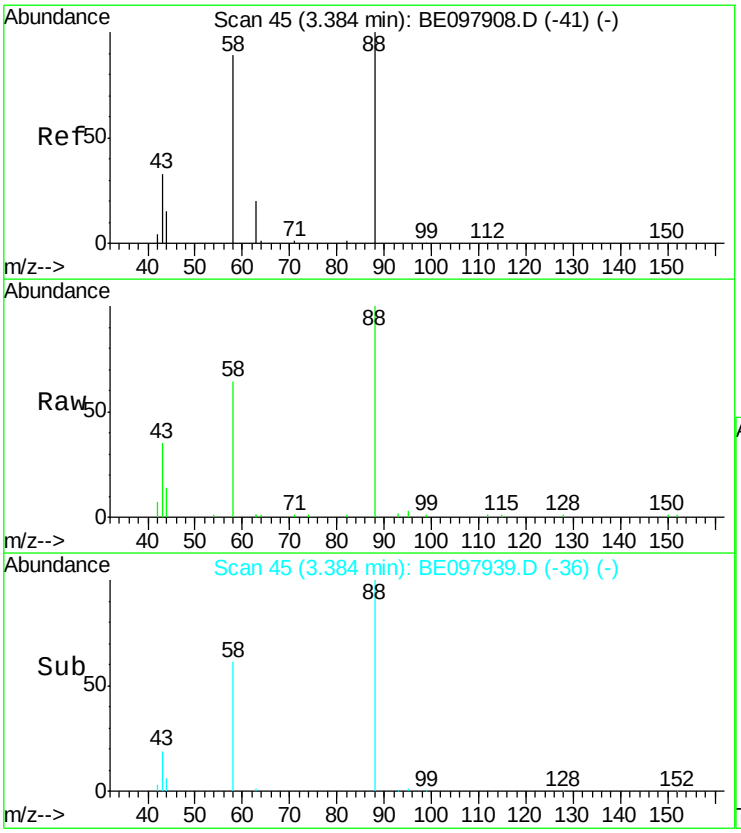
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion:152 Resp: 2049

Ion	Ratio	Lower	Upper
152	100		
150	163.7	118.2	177.4
115	74.6	50.9	76.3

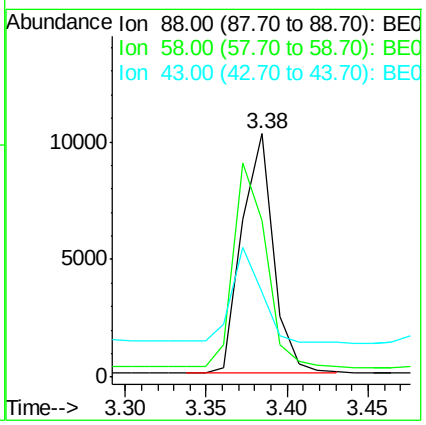


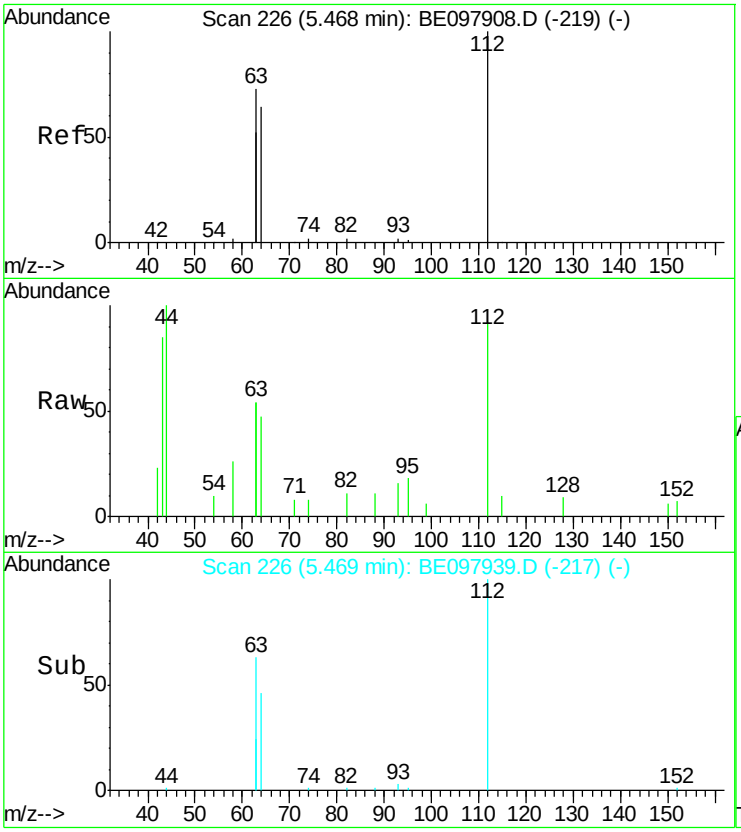


#2
1,4-Dioxane
Concen: 3.860 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion: 88 Resp: 13789

Ion	Ratio	Lower	Upper
88	100		
58	85.6	73.2	109.8
43	37.2	36.9	55.3



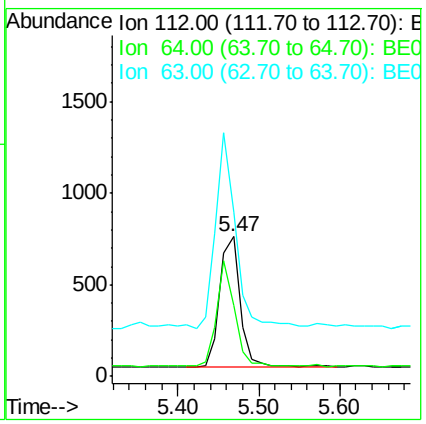


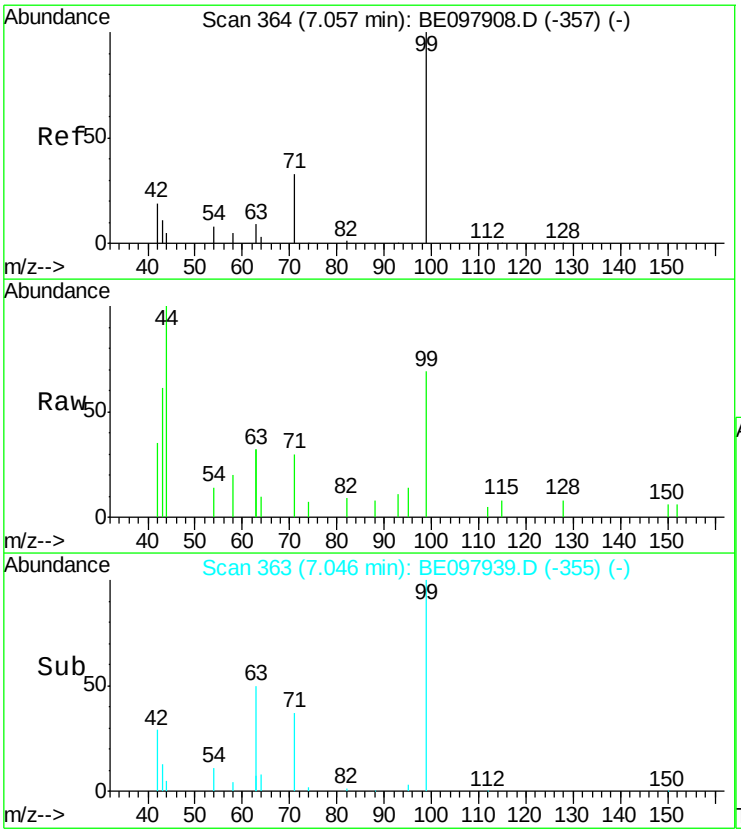
#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion:112 Resp: 1261

Ion	Ratio	Lower	Upper
112	100		
64	69.2	58.9	88.3
63	142.4	120.3	180.5

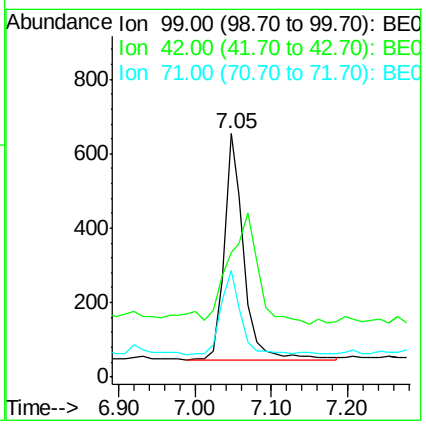


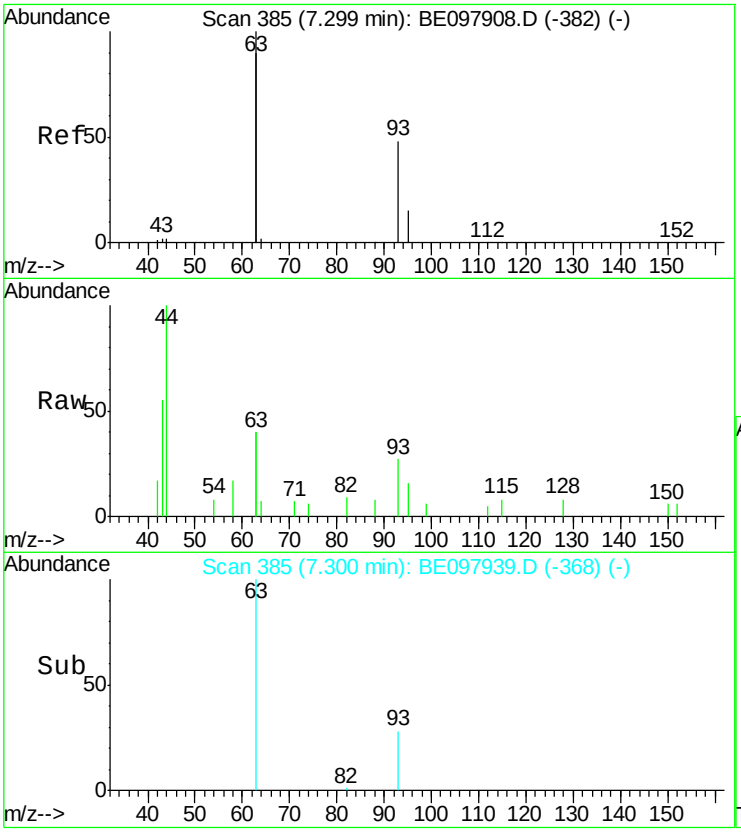


#5
Phenol-d6
Concen: 0.114 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion: 99 Resp: 1087

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.9	29.9#
71	38.1	27.8	41.8



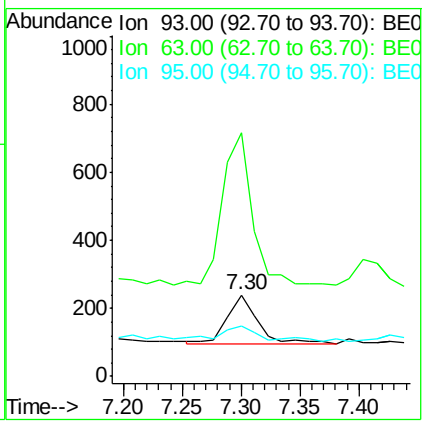


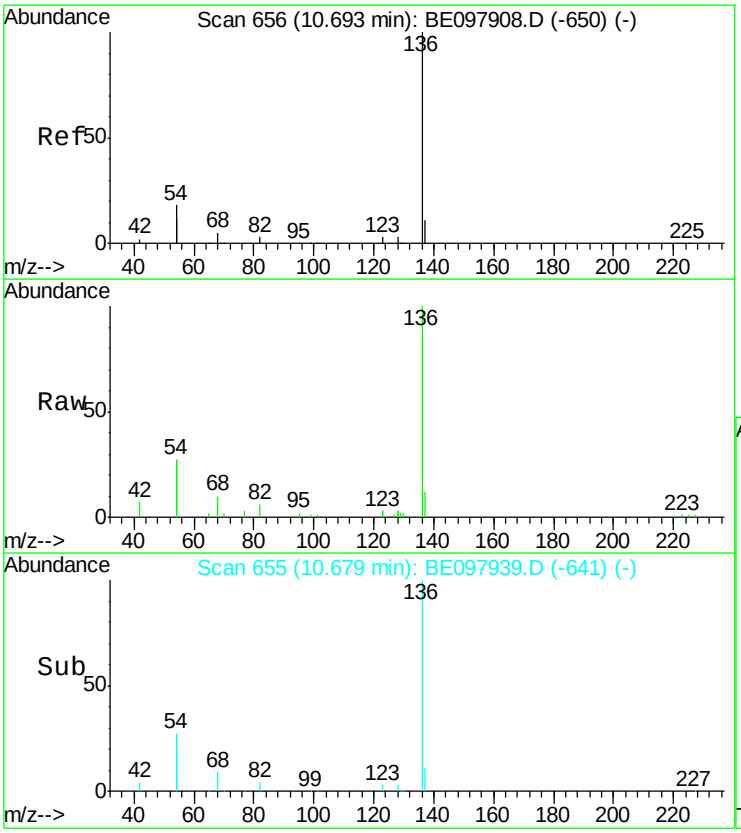
#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 93 Resp: 262

Ion	Ratio	Lower	Upper
93	100		
63	298.1	259.0	388.4
95	23.7	27.8	41.8#

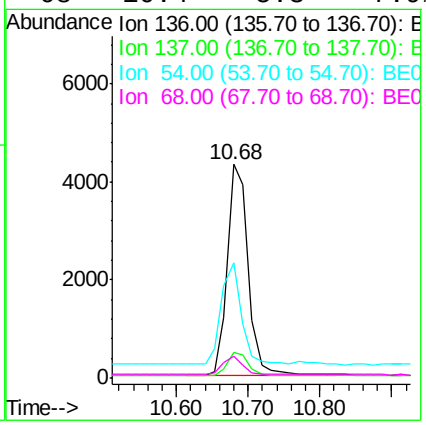


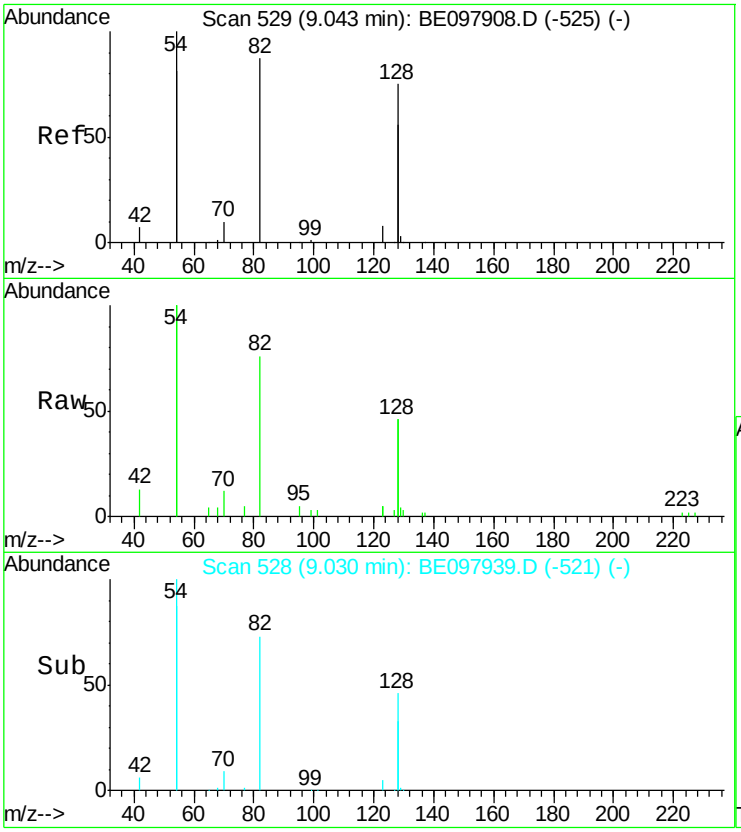


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:136 Resp: 8717

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	54.2	27.7	41.5#
68	10.4	5.3	7.9#



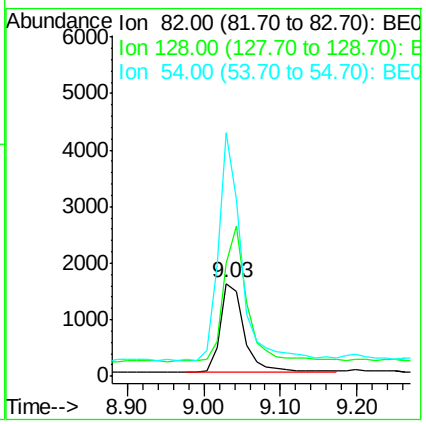


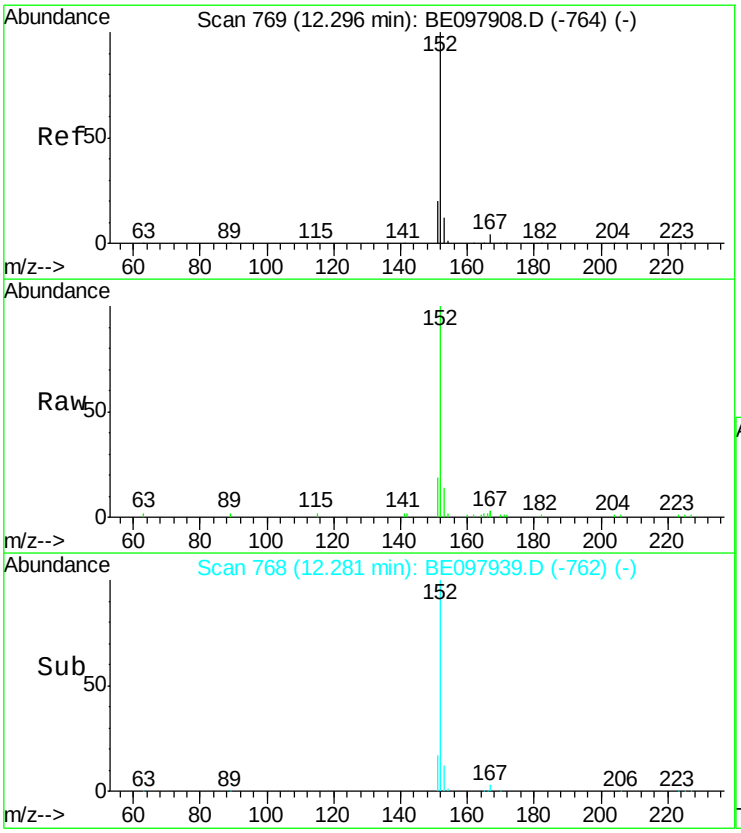
#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 82 Resp: 3508

Ion	Ratio	Lower	Upper
82	100		
128	121.4	129.9	194.9#
54	262.8	174.0	261.0#

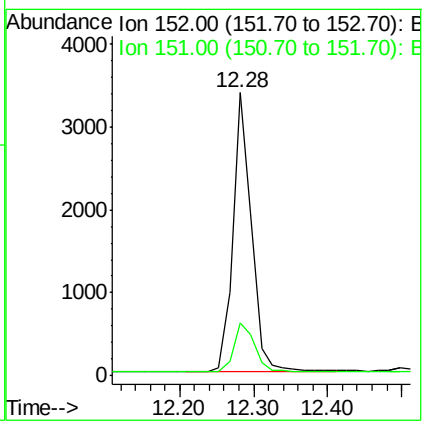


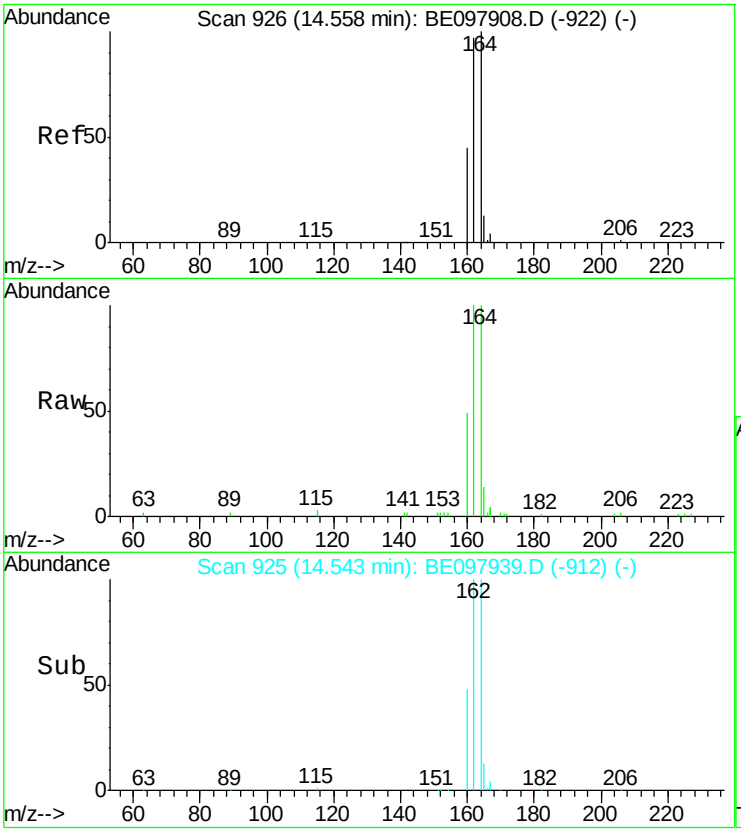


#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:152 Resp: 5813

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4



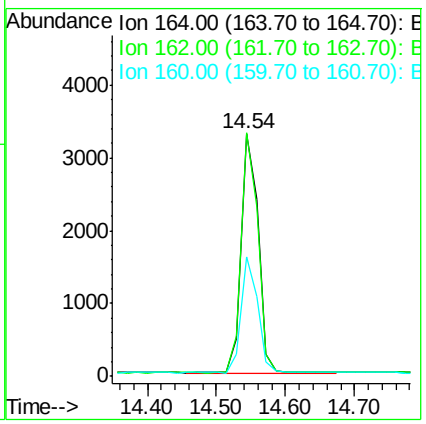


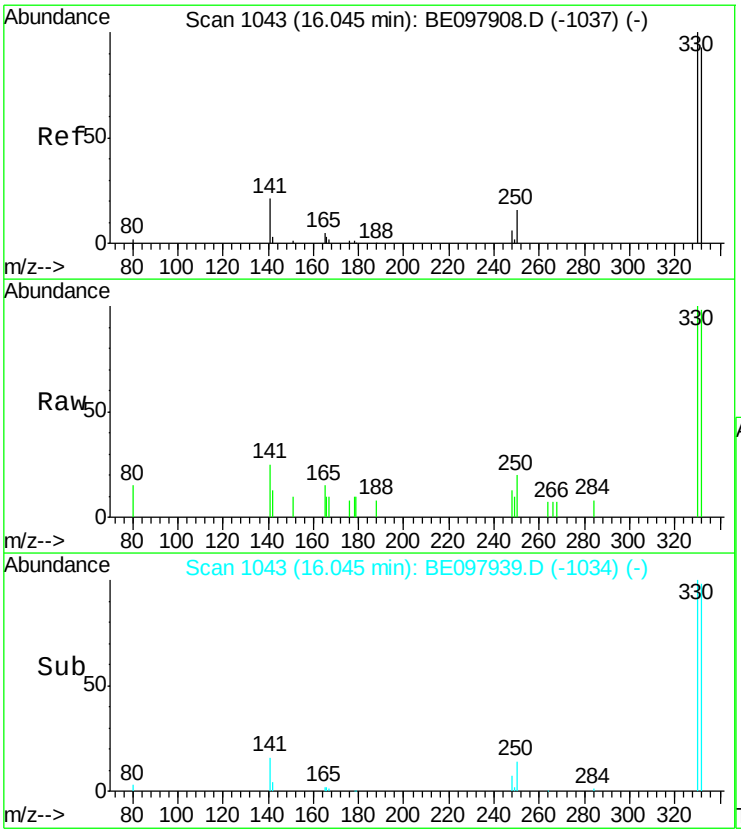
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion:164 Resp: 5590

Ion	Ratio	Lower	Upper
164	100		
162	100.4	77.4	116.2
160	49.3	36.5	54.7

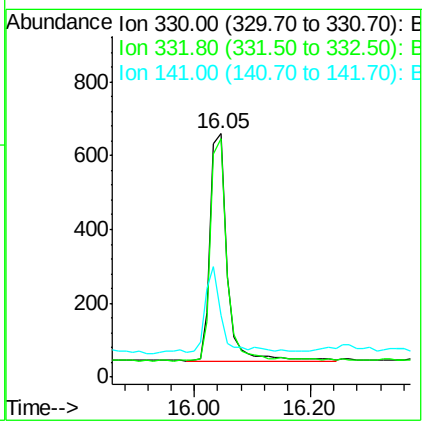


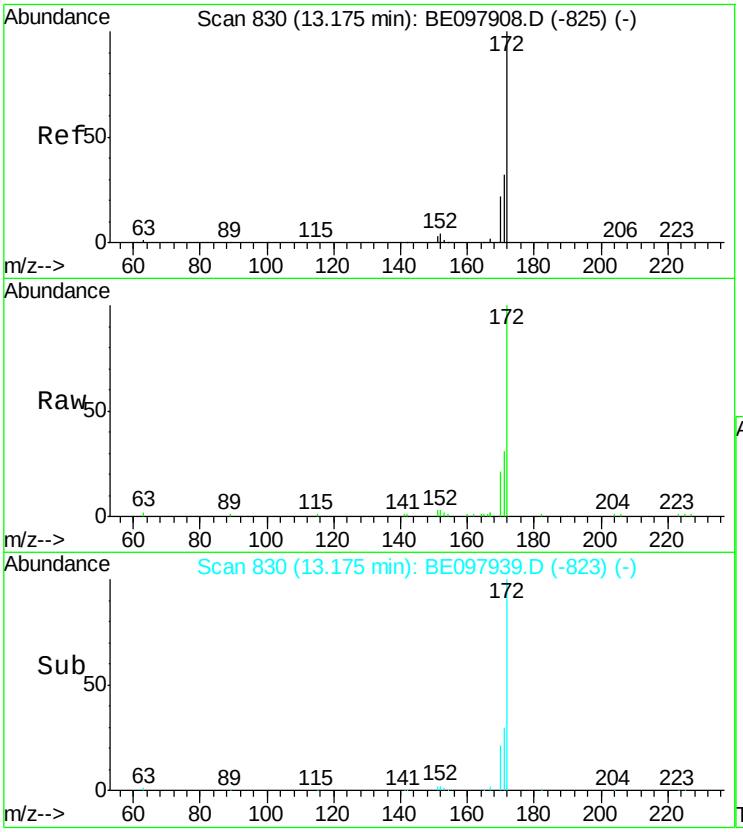


#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:330 Resp: 1238

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.5	114.7
141	33.7	31.8	47.6



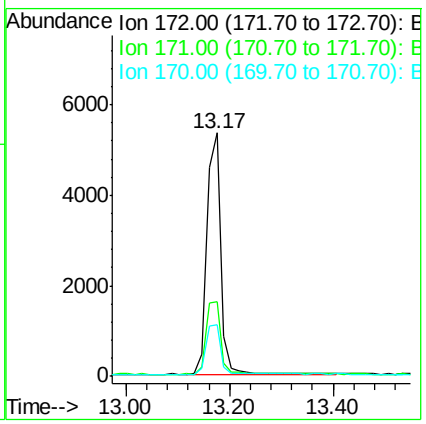


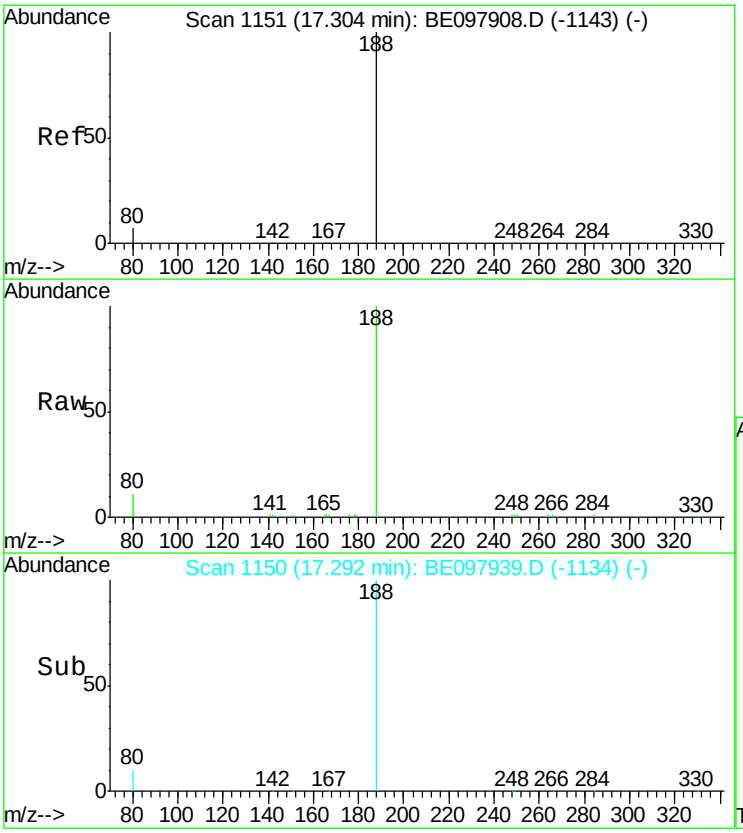
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion:172 Resp: 10062

Ion	Ratio	Lower	Upper
172	100		
171	30.6	26.0	39.0
170	21.3	18.0	27.0

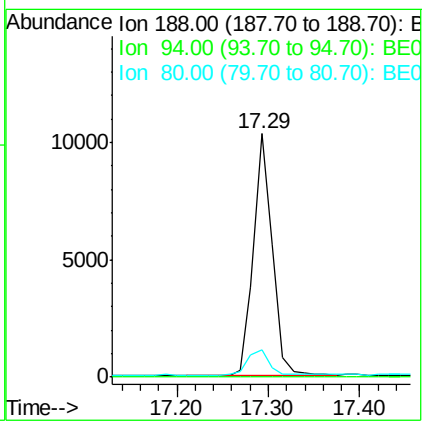


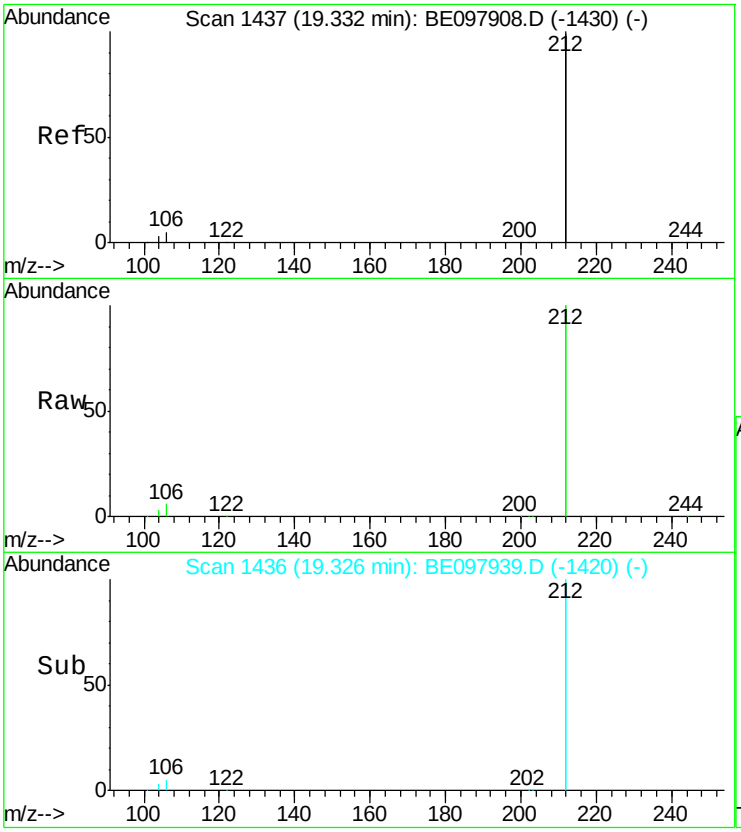


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:188 Resp: 14910

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.3	9.5#



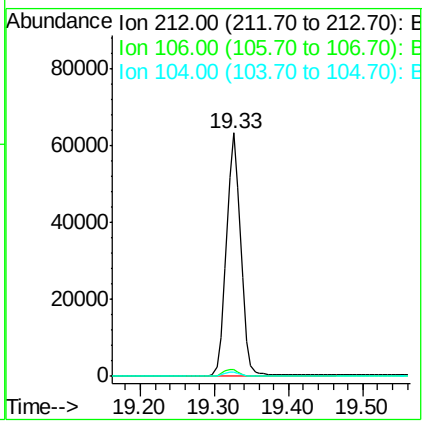


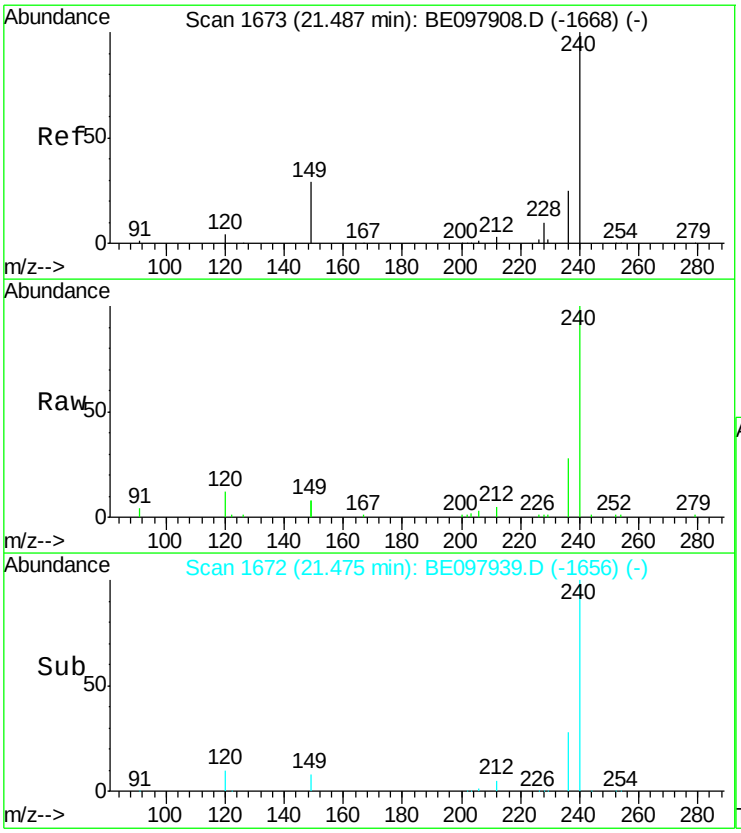
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion:212 Resp: 84421

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

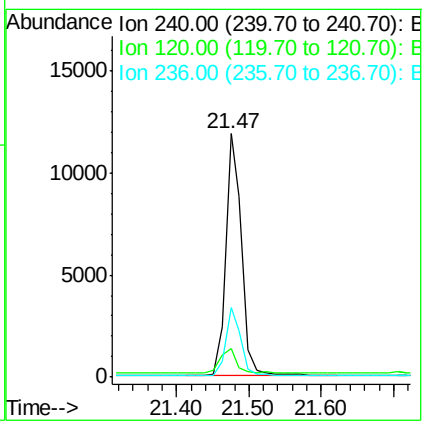


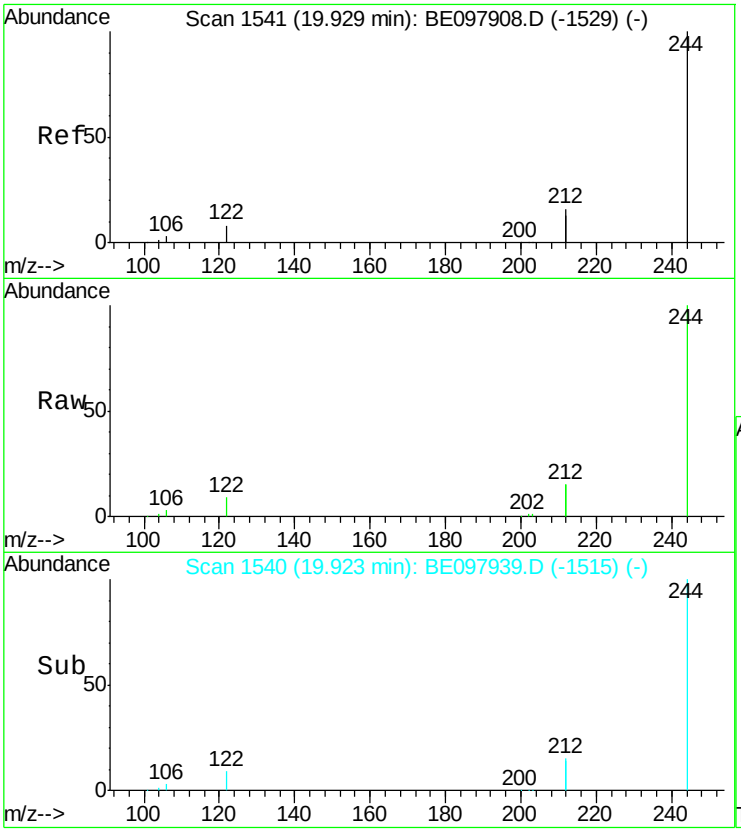


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:240 Resp: 18303

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	28.3	21.3	31.9



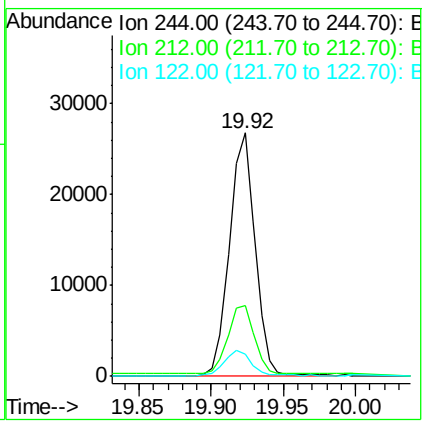


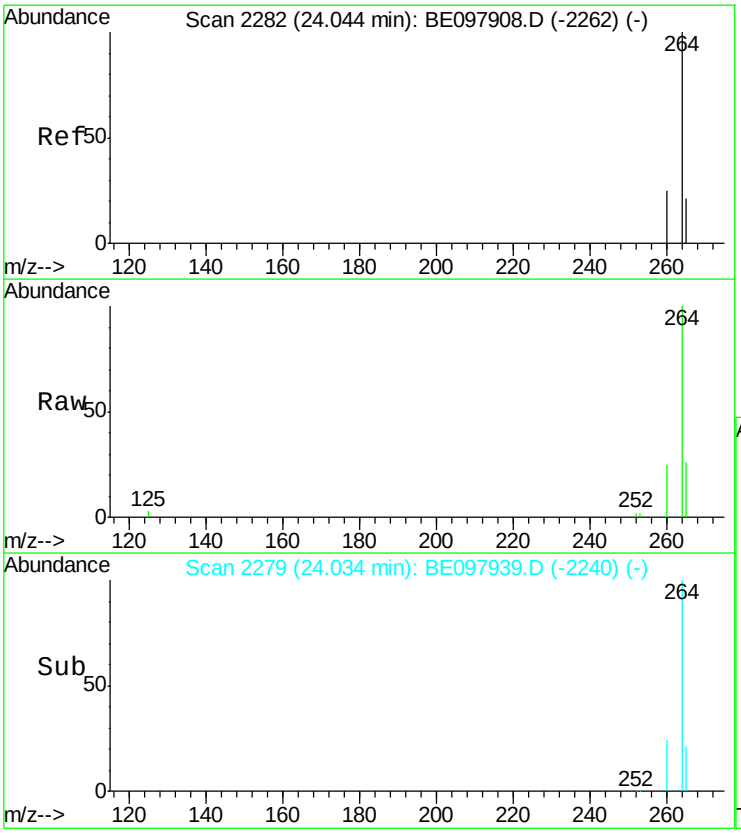
#29
Terphenyl-d14
Concen: 0.783 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181005

Tgt Ion:244 Resp: 32865

Ion	Ratio	Lower	Upper
244	100		
212	29.2	26.2	39.2
122	9.0	7.7	11.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097939.D
Acq: 17 Oct 2018 9:41

Tgt Ion:264 Resp: 18950

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.1	31.7
265	26.0	29.2	43.8#