Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097919.D
Acq On : 16 Oct 2018 20:43
Operator : SJ/JU
Sample : J5393-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-123D2-20181008

Quant Time: Oct 17 07:34:53 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	1928	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8137	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5464	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	16668	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22793	0.40	ng	-0.01
34) Perylene-d12	24.04	264	17806	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1030	0.17	ng	0.00
5) Phenol-d6	7.06	99	948	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3138	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5482	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	641	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9432	0.42	ng	0.00
25) Fluoranthene-d10	19.33	212	106864	0.47	ng	0.00
29) Terphenyl-d14	19.92	244	33359	0.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	1364	0.406	ng	# 87

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

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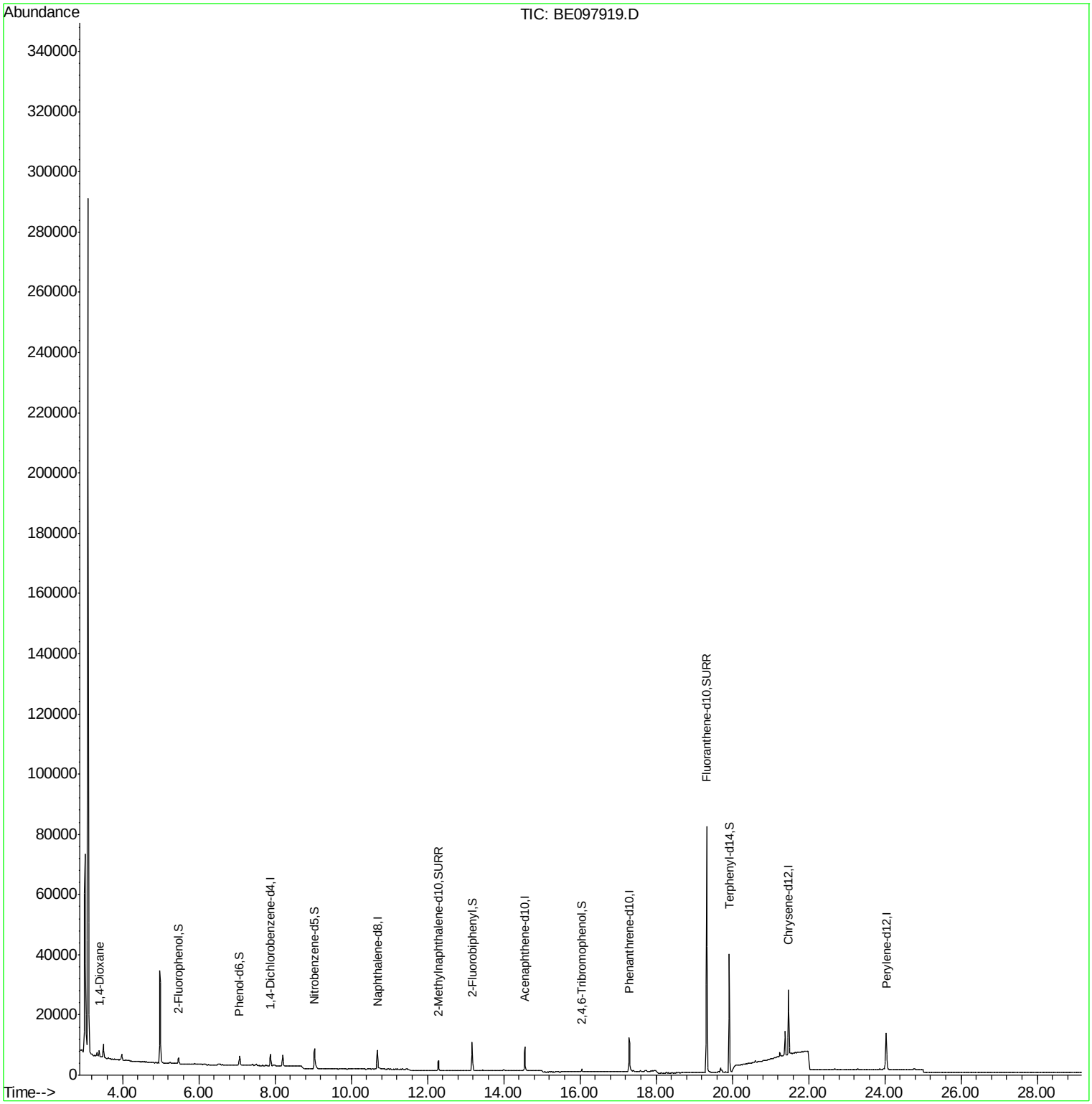
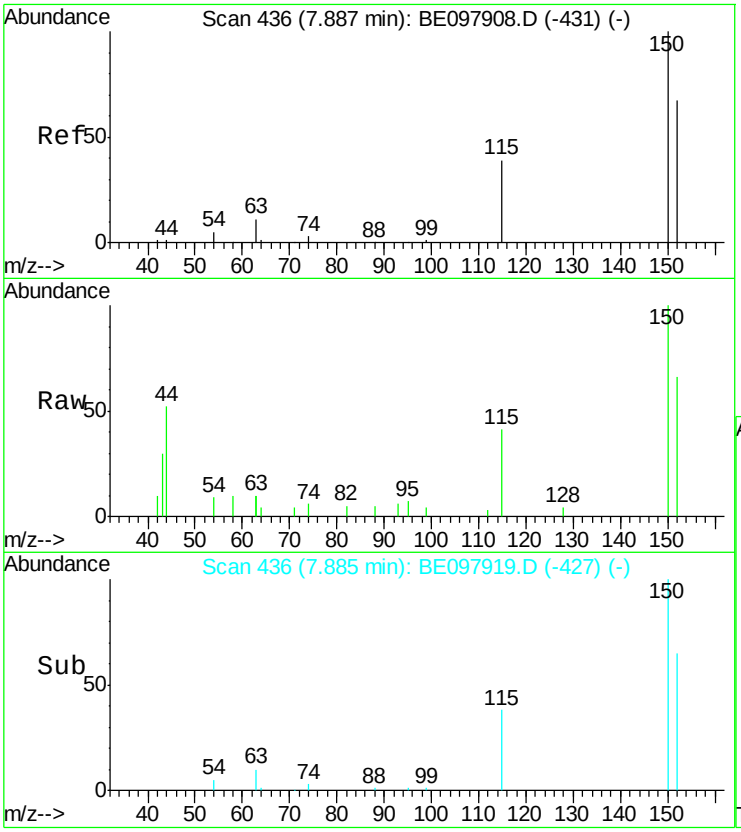


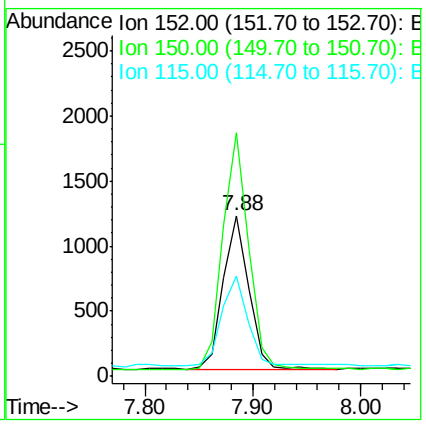


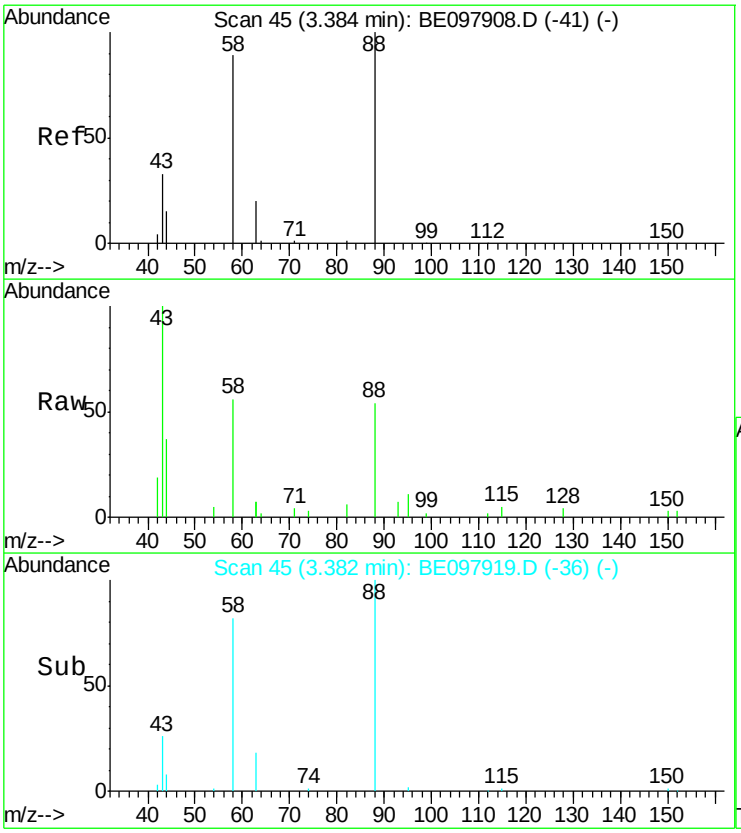
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:152 Resp: 1928

Ion	Ratio	Lower	Upper
152	100		
150	151.5	118.2	177.4
115	62.1	50.9	76.3

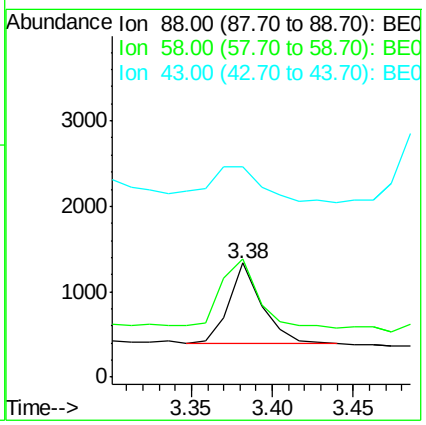


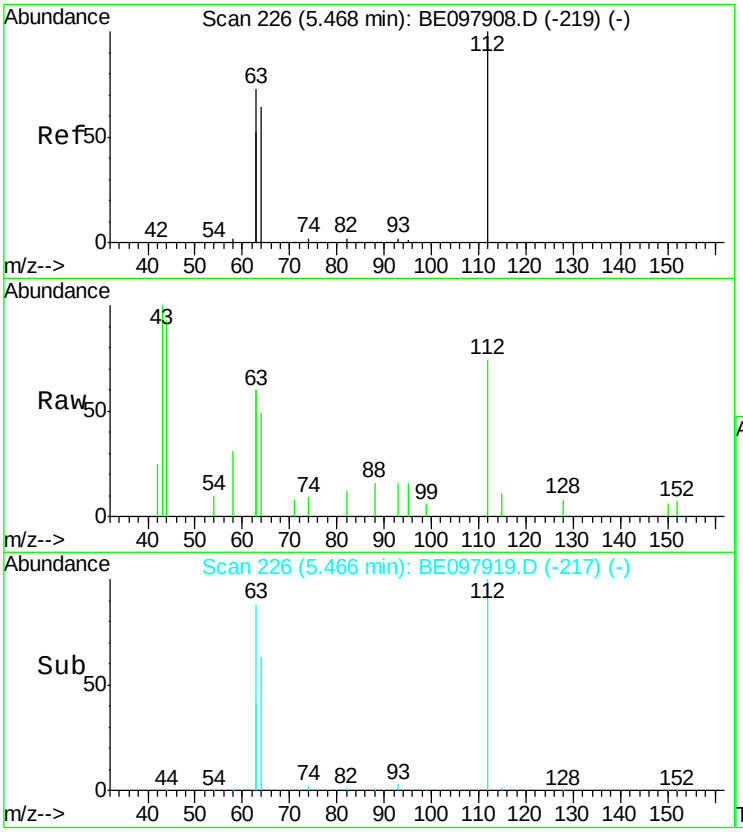


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion: 88 Resp: 1364

Ion	Ratio	Lower	Upper
88	100		
58	91.9	73.2	109.8
43	71.4	36.9	55.3#



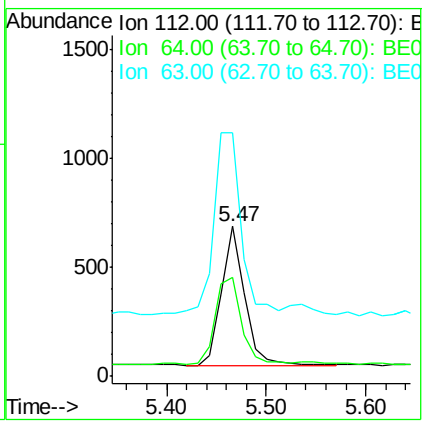


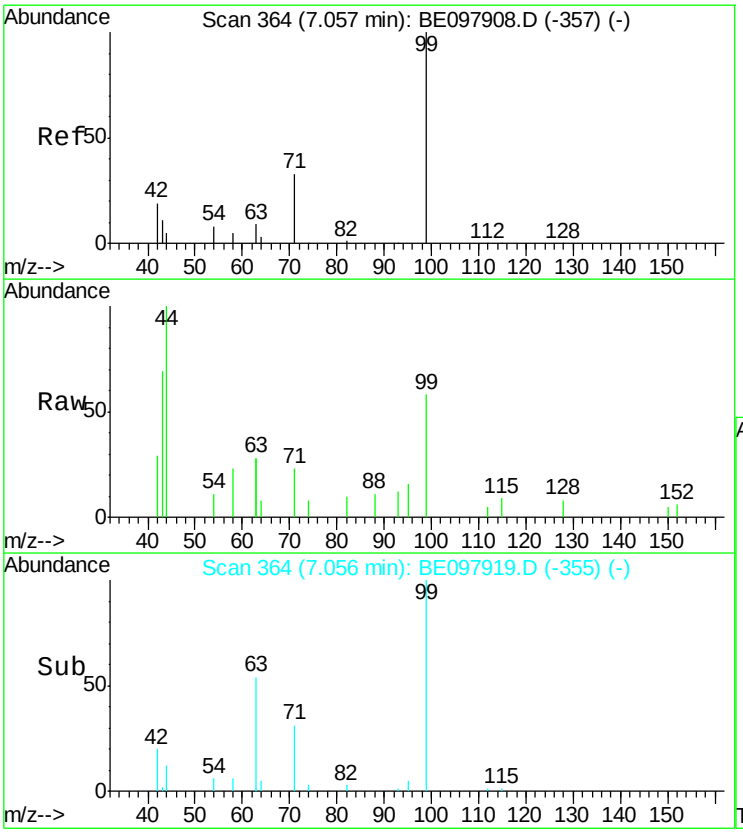
#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:112 Resp: 1030

Ion	Ratio	Lower	Upper
112	100		
64	70.9	58.9	88.3
63	152.9	120.3	180.5

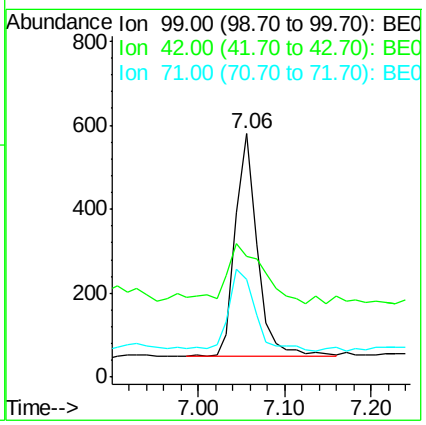


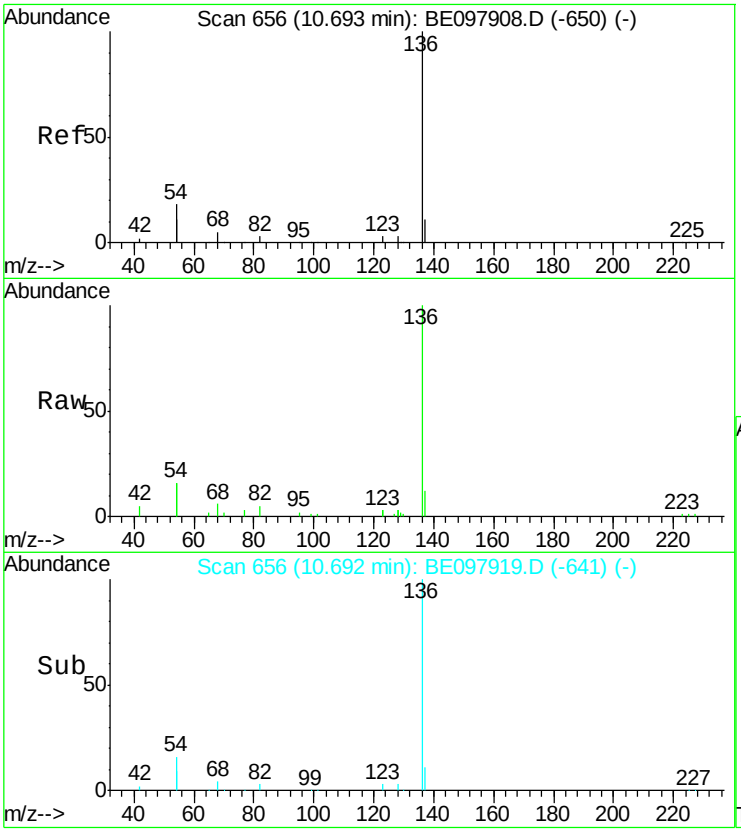


#5
Phenol-d6
Concen: 0.106 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion: 99 Resp: 948

Ion	Ratio	Lower	Upper
99	100		
42	43.2	19.9	29.9#
71	44.1	27.8	41.8#



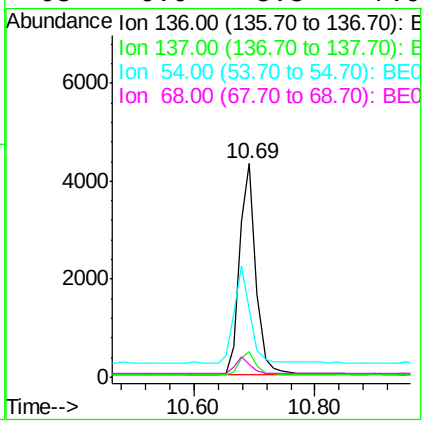


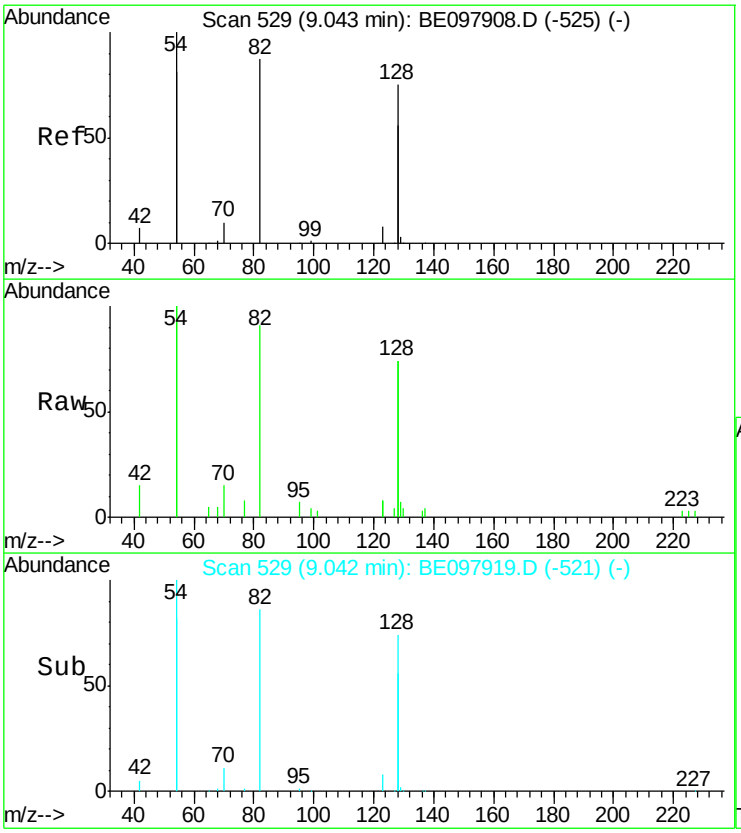
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:136 Resp: 8137

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	31.7	27.7	41.5
68	6.0	5.3	7.9

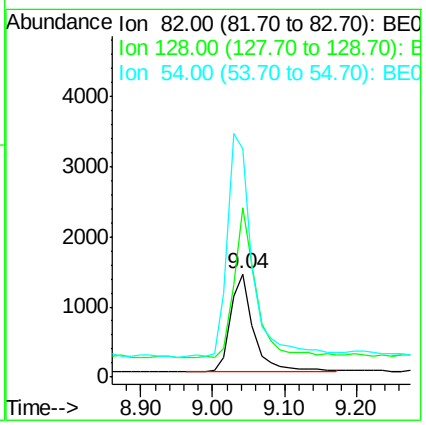


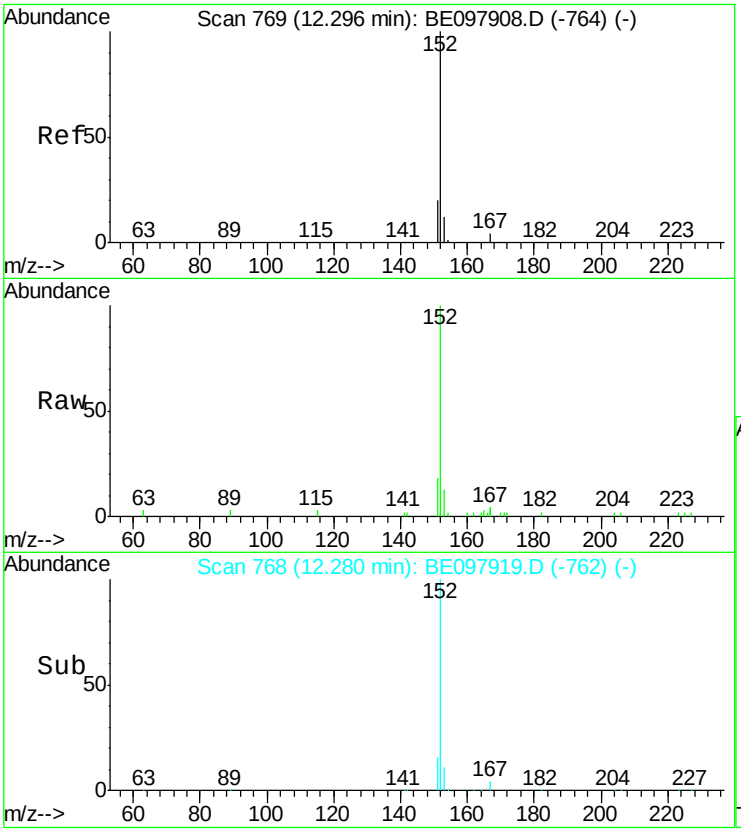


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion: 82 Resp: 3138

Ion	Ratio	Lower	Upper
82	100		
128	164.1	129.9	194.9
54	220.8	174.0	261.0



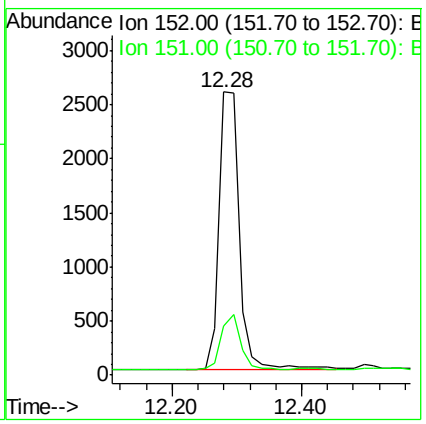


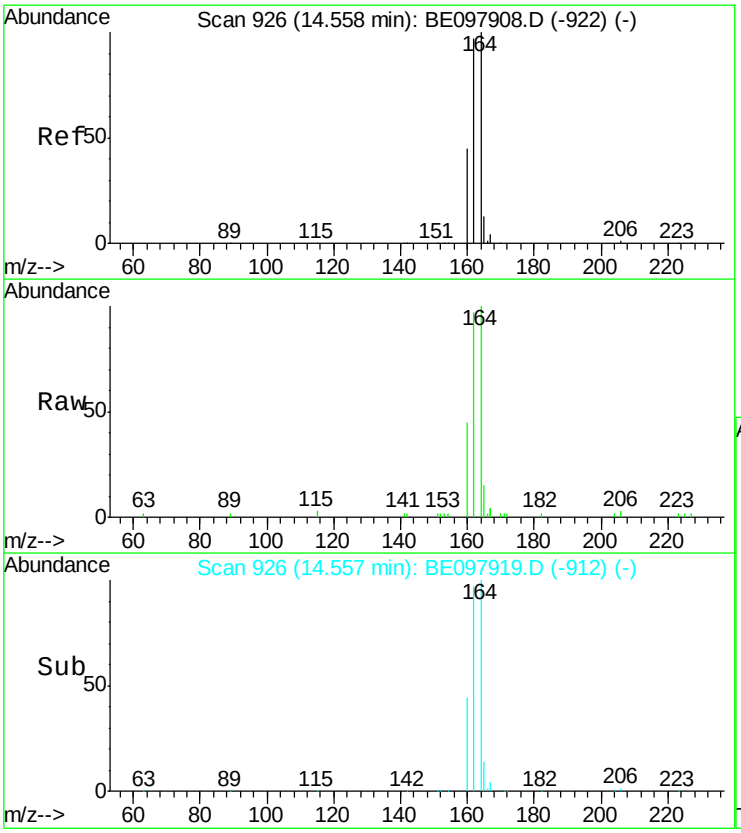
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:152 Resp: 5482

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4

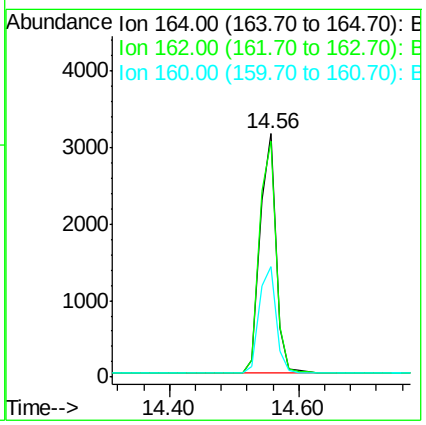


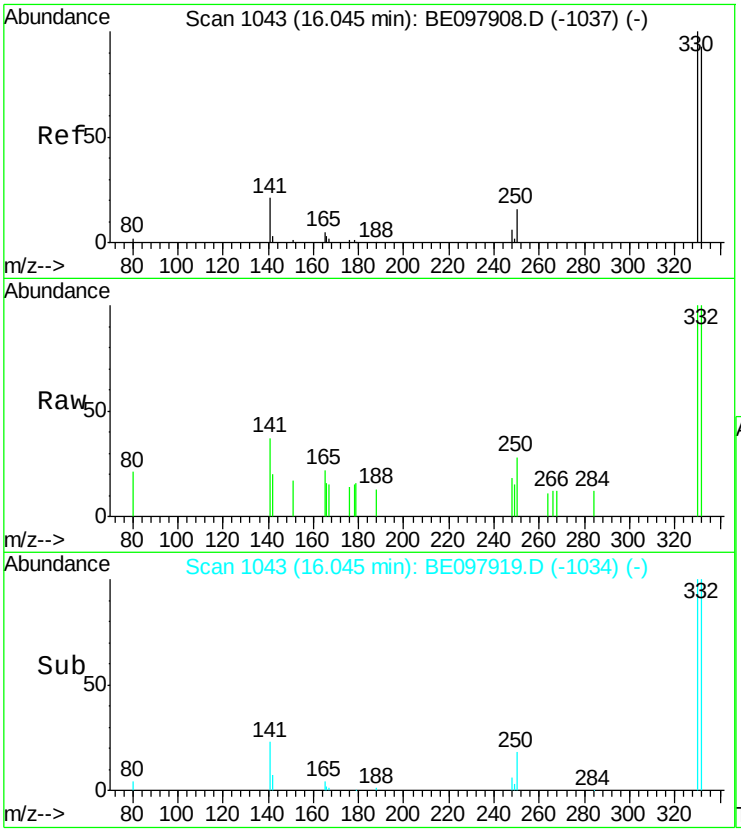


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion:164 Resp: 5464

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.4	116.2
160	45.4	36.5	54.7



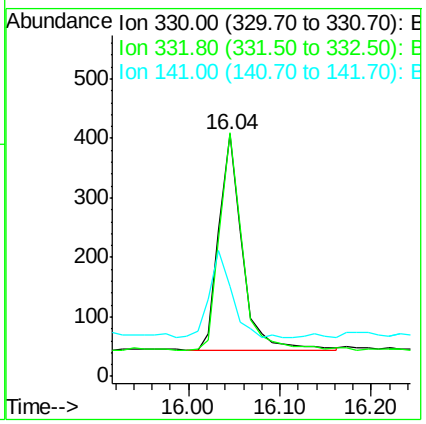


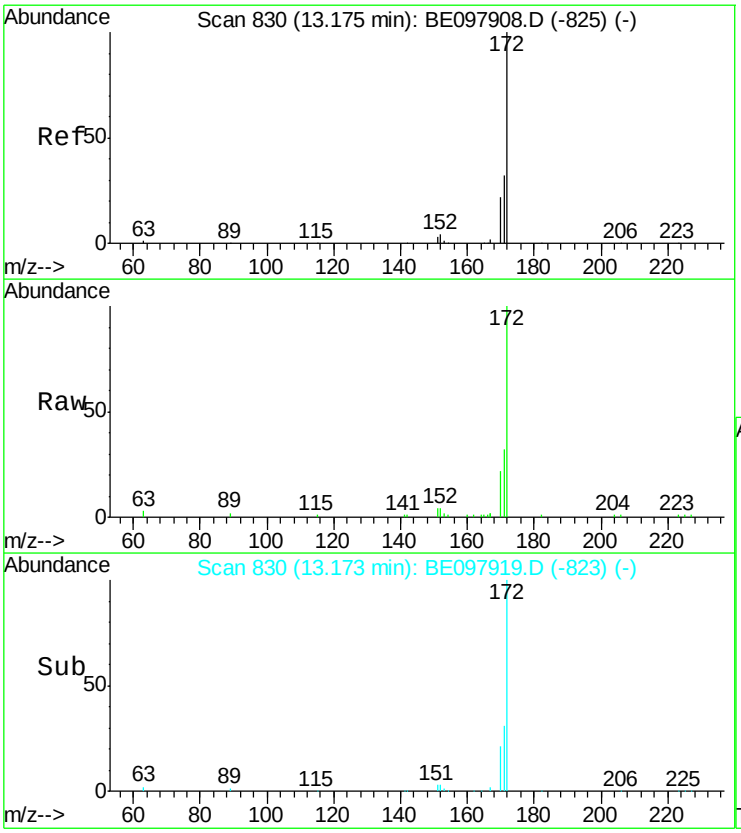
#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:330 Resp: 641

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.5	114.7
141	39.2	31.8	47.6

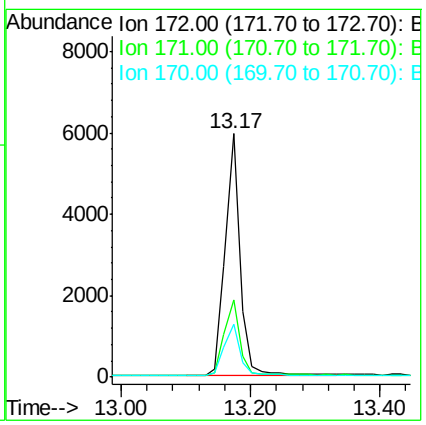


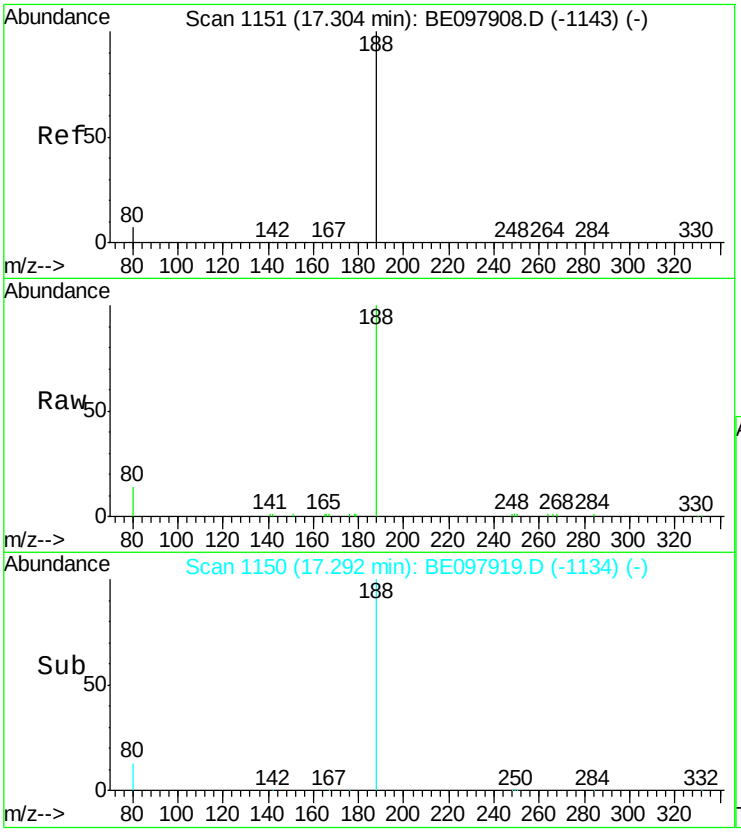


#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion:172 Resp: 9432

Ion	Ratio	Lower	Upper
172	100		
171	31.6	26.0	39.0
170	21.5	18.0	27.0



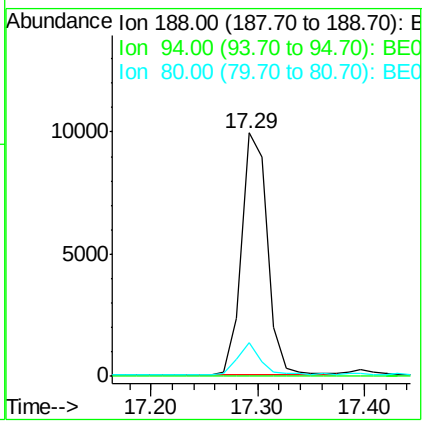


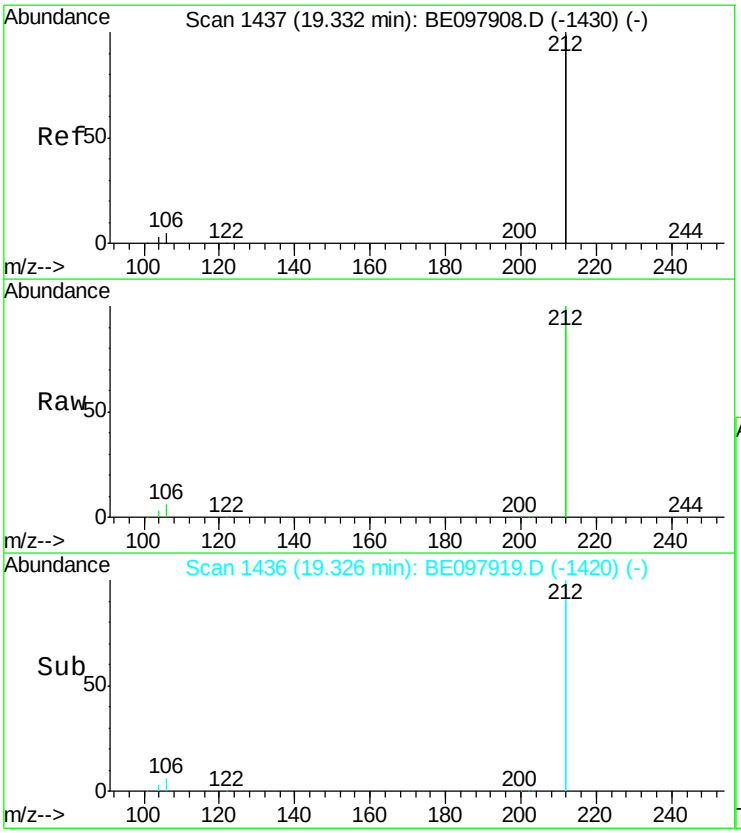
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:188 Resp: 16668

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	6.3	9.5#

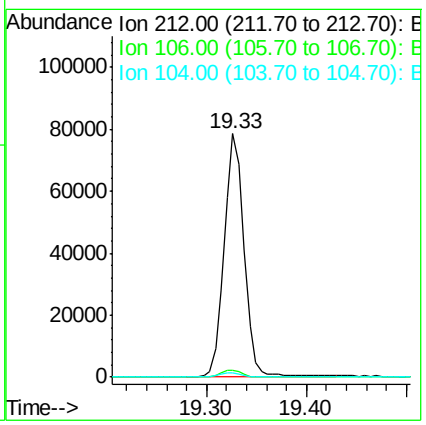


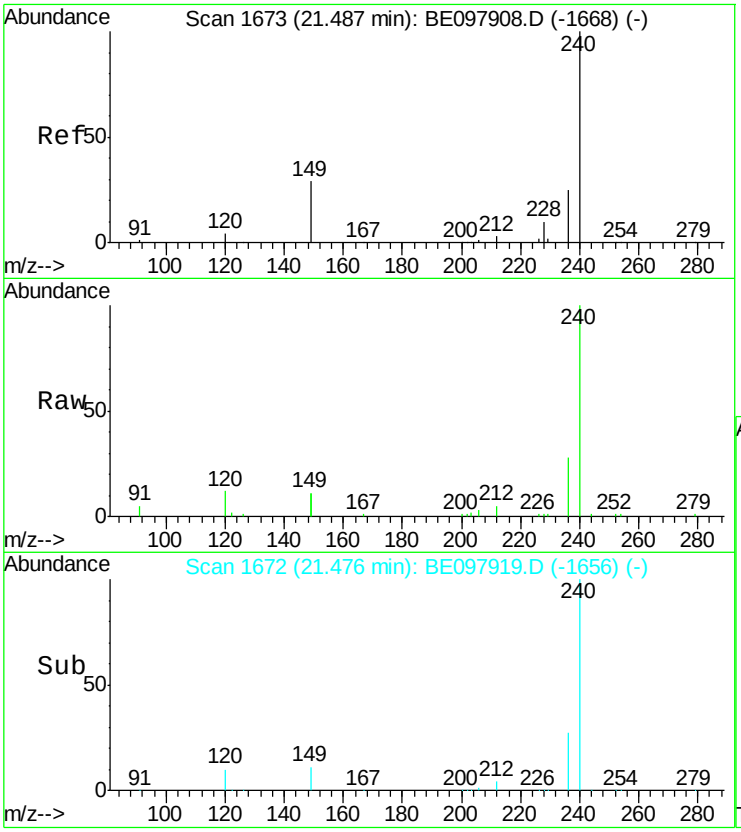


#25
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion:212 Resp: 106864

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



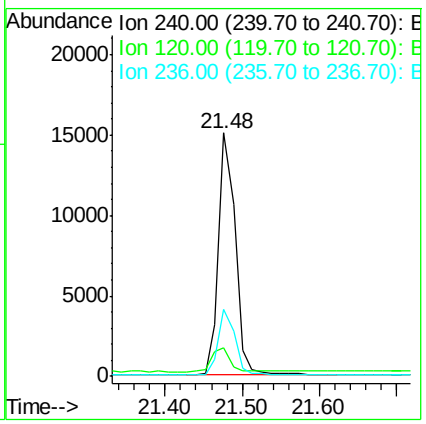


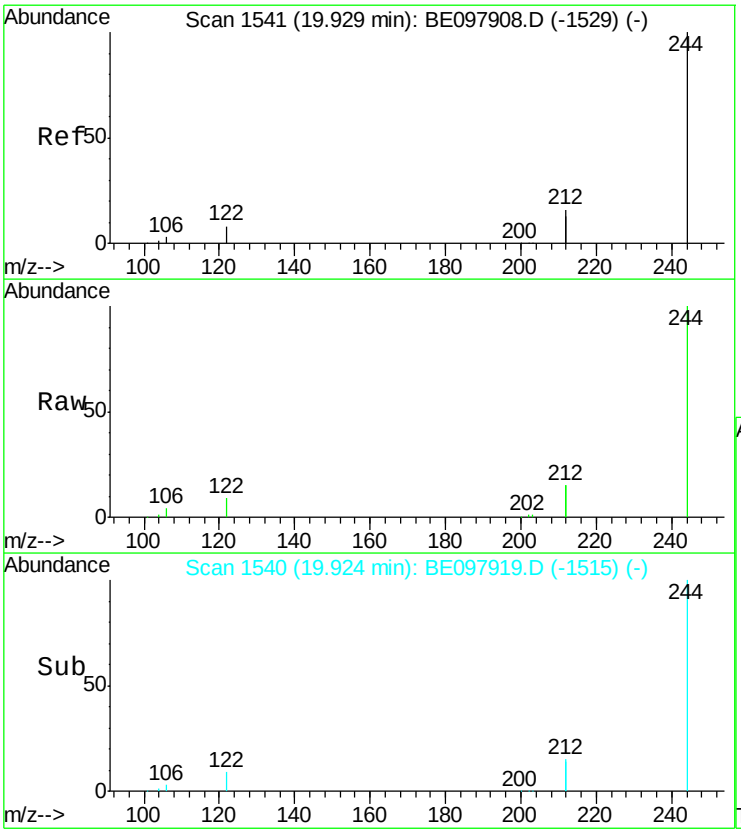
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:240 Resp: 22793

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	27.5	21.3	31.9

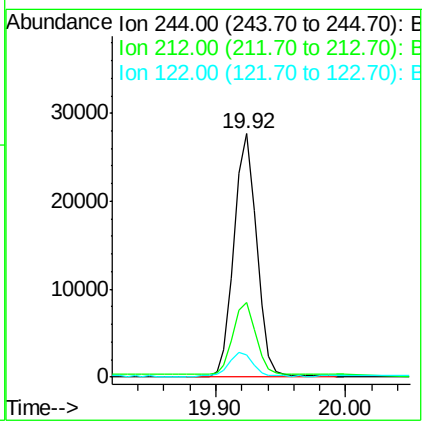


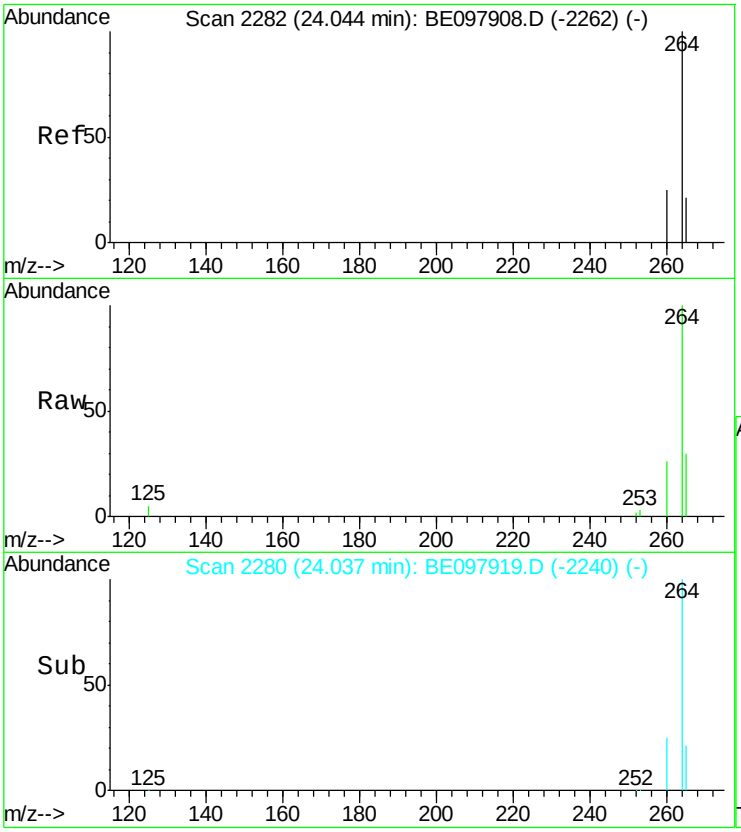


#29
Terphenyl-d14
Concen: 0.639 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion:244 Resp: 33359

Ion	Ratio	Lower	Upper
244	100		
212	30.4	26.2	39.2
122	9.1	7.7	11.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:264 Resp: 17806

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.1	31.7
265	29.8	29.2	43.8