Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097916.D
Acq On : 16 Oct 2018 18:52
Operator : SJ/JU
Sample : J5393-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TT-DUP05-20181008

Quant Time: Oct 17 15:47:41 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	7.89	152	2001	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8276	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5404	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	14447	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	17162	0.40	ng	-0.01
34) Perylene-d12	24.04	264	17598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1189	0.19	ng	0.00
5) Phenol-d6	7.06	99	1008	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3133	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5407	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	929	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8862	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	75730	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	22594	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	10770	3.087	ng	93

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

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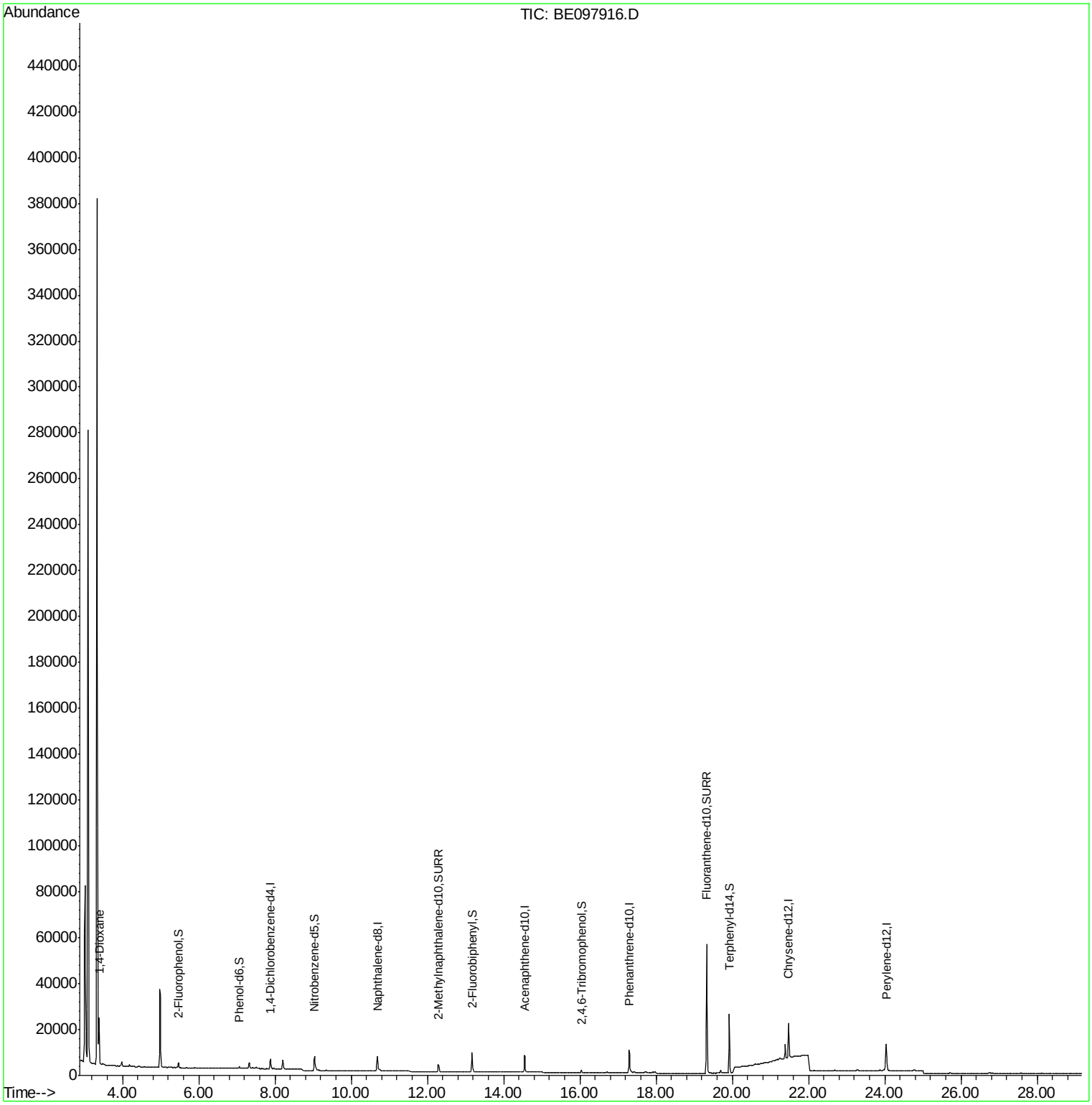
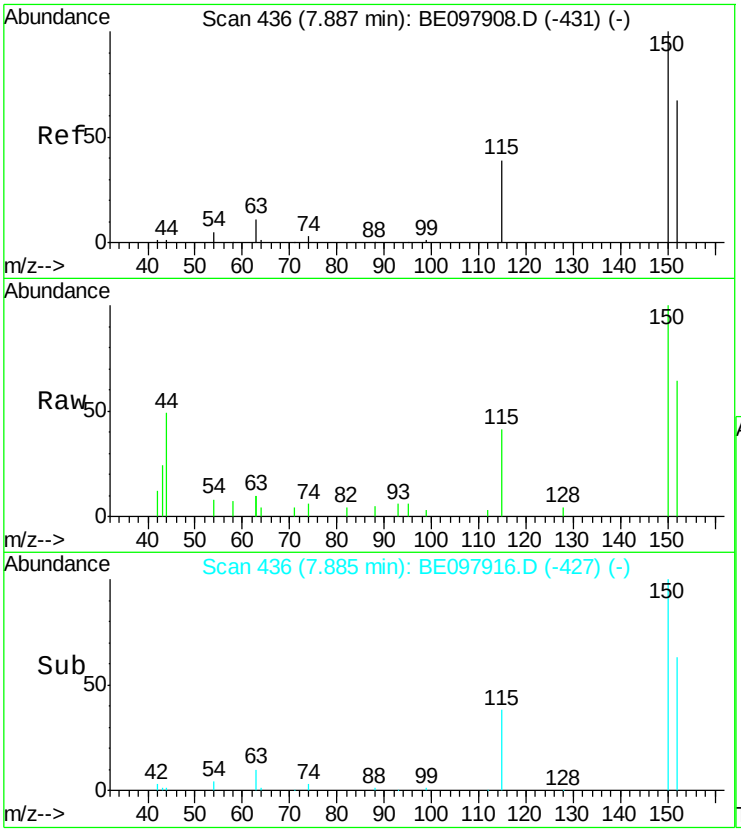


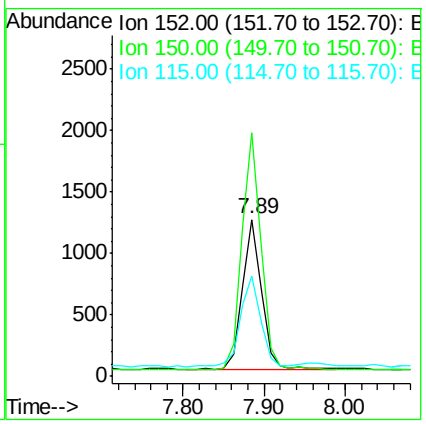


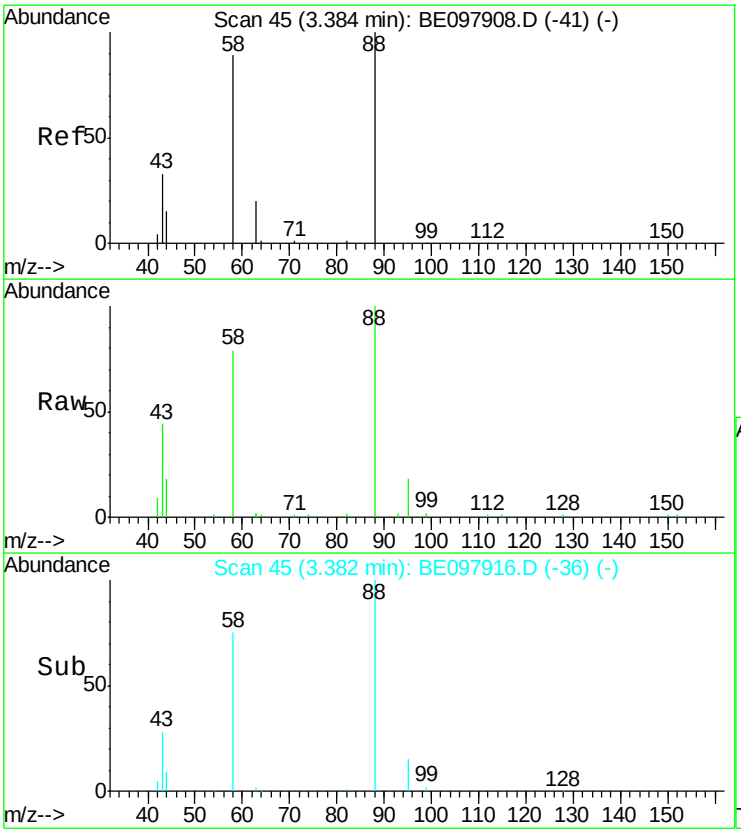
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:152 Resp: 2001

Ion	Ratio	Lower	Upper
152	100		
150	155.2	118.2	177.4
115	63.8	50.9	76.3

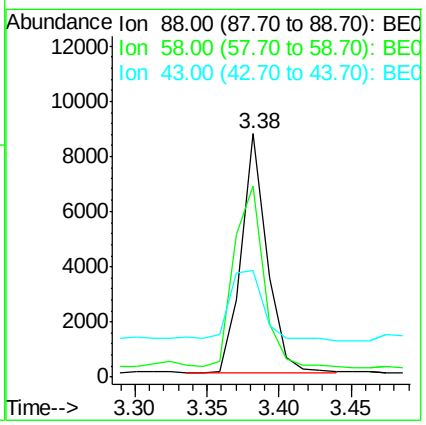


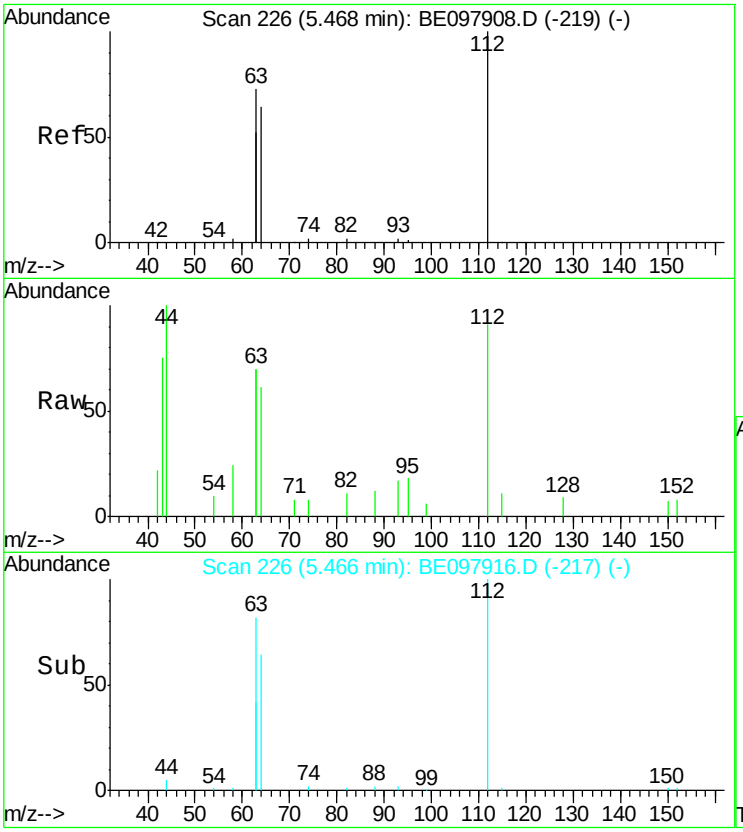


#2
1,4-Dioxane
Concen: 3.087 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion: 88 Resp: 10770

Ion	Ratio	Lower	Upper
88	100		
58	85.9	73.2	109.8
43	39.2	36.9	55.3



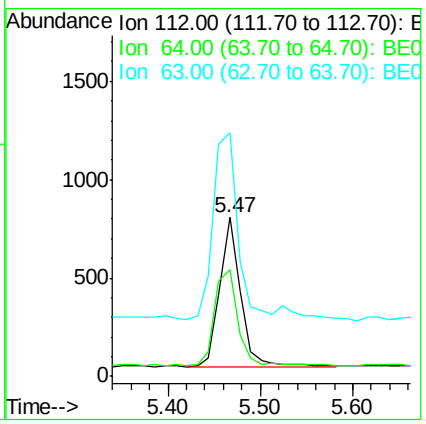


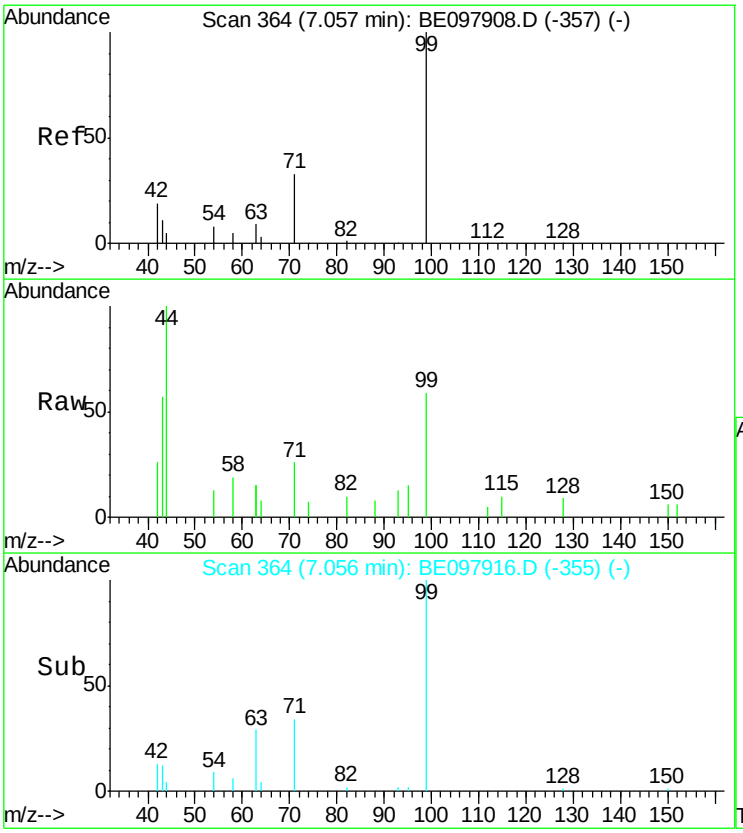
#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:112 Resp: 1189

Ion	Ratio	Lower	Upper
112	100		
64	71.1	58.9	88.3
63	146.3	120.3	180.5

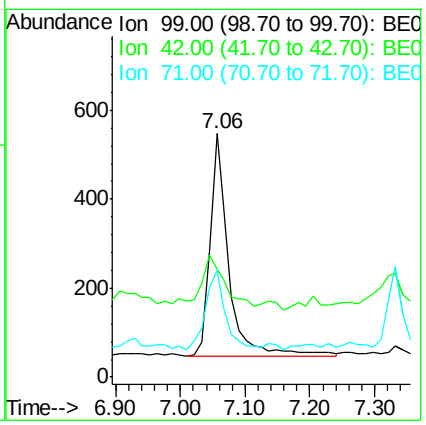


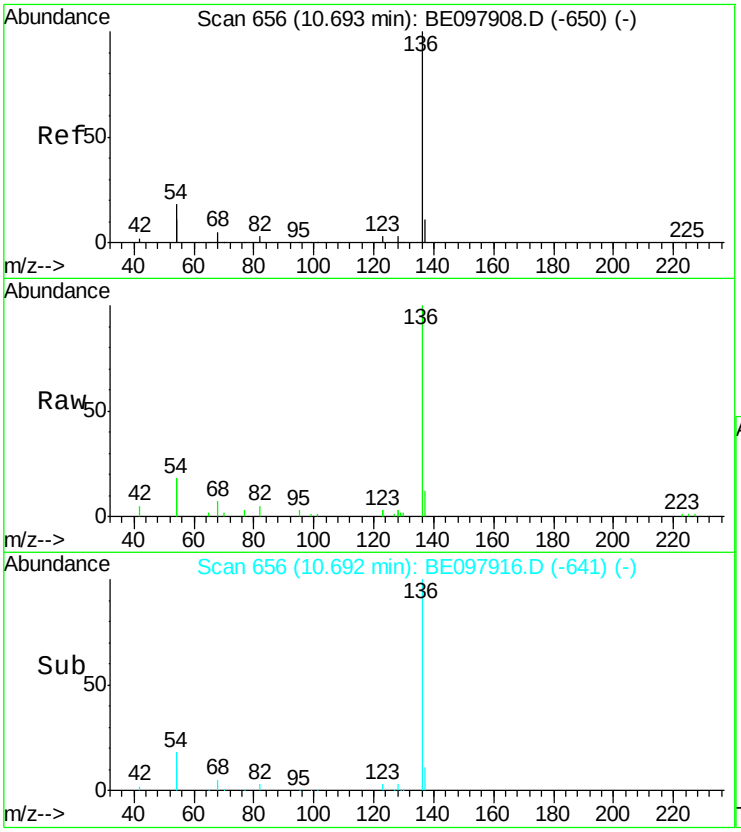


#5
Phenol-d6
Concen: 0.108 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion: 99 Resp: 1008

Ion	Ratio	Lower	Upper
99	100		
42	27.5	19.9	29.9
71	37.7	27.8	41.8



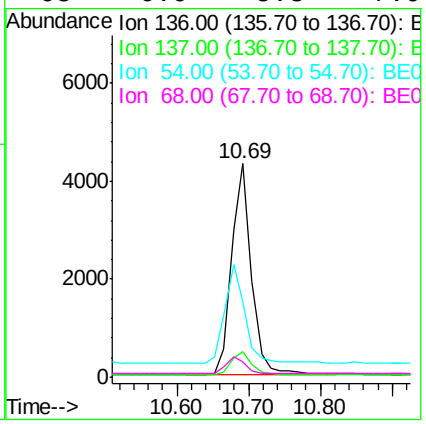


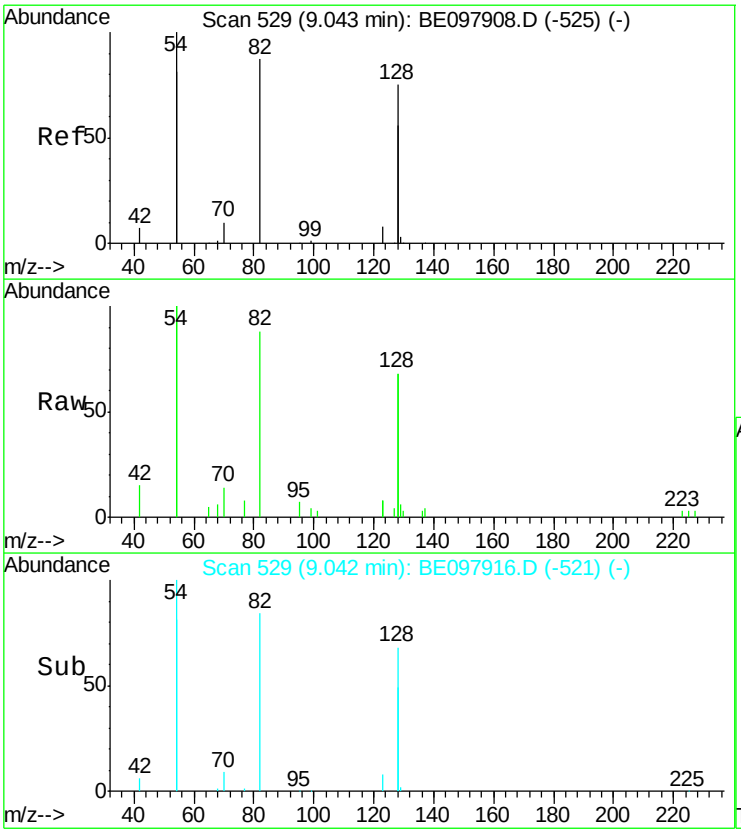
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:136 Resp: 8276

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	35.6	27.7	41.5
68	6.9	5.3	7.9

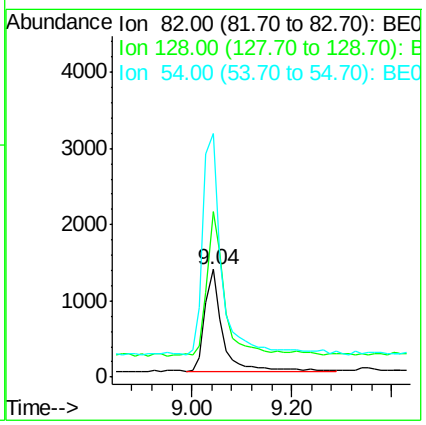


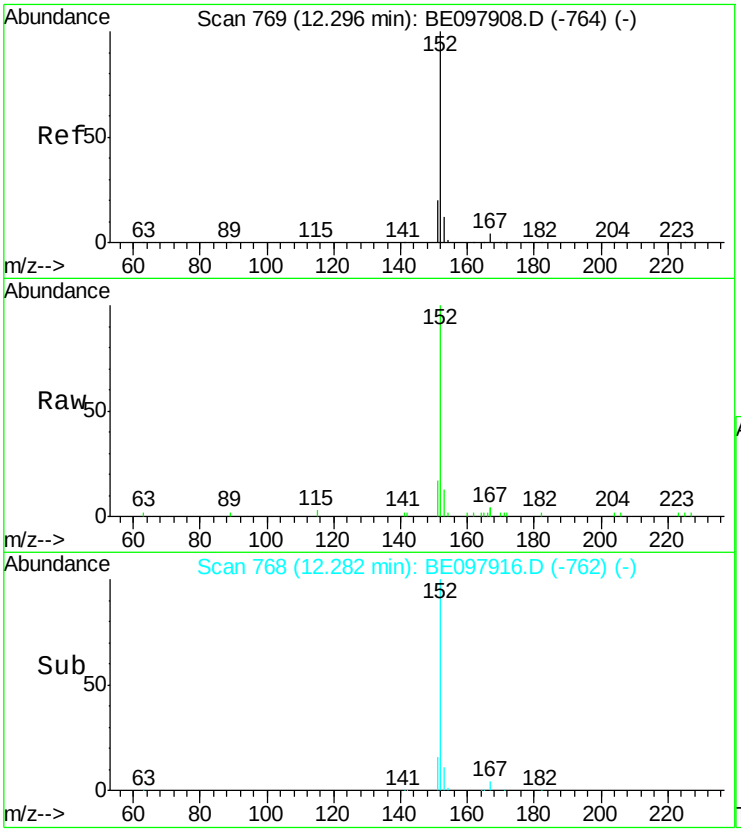


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion: 82 Resp: 3133

Ion	Ratio	Lower	Upper
82	100		
128	153.6	129.9	194.9
54	226.7	174.0	261.0



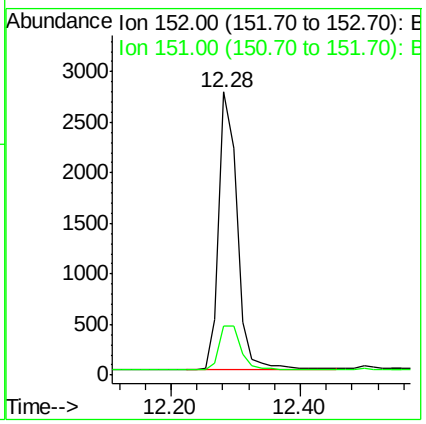


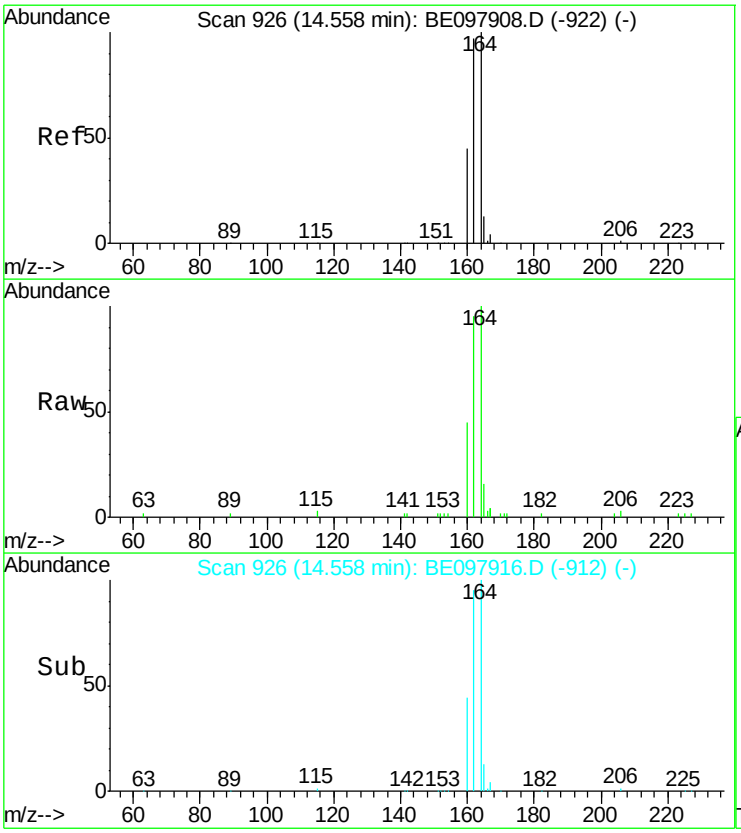
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:152 Resp: 5407

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

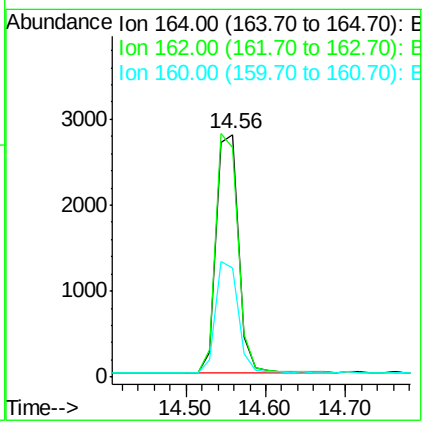


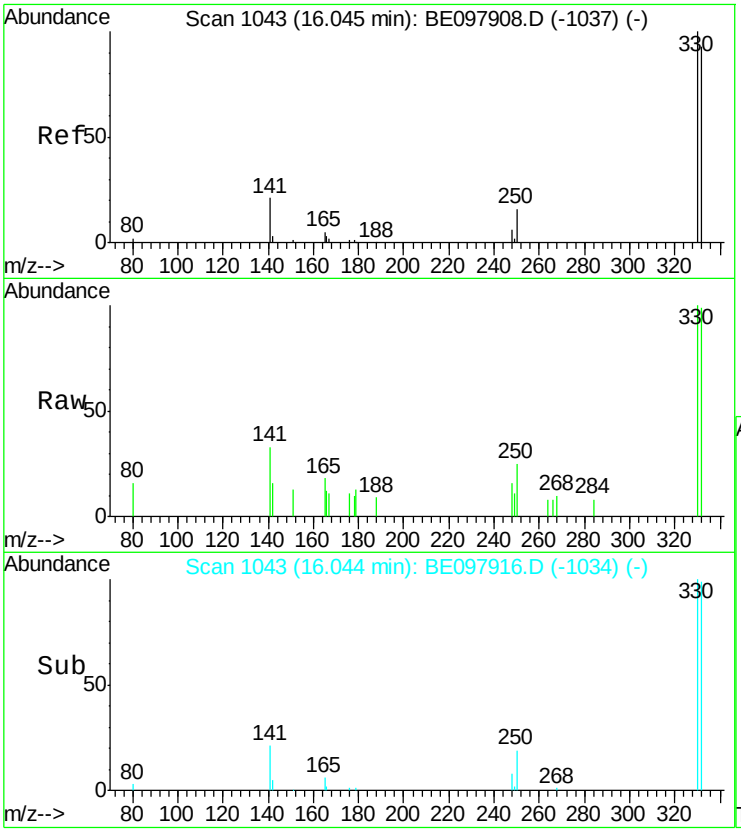


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion:164 Resp: 5404

Ion	Ratio	Lower	Upper
164	100		
162	94.8	77.4	116.2
160	44.9	36.5	54.7



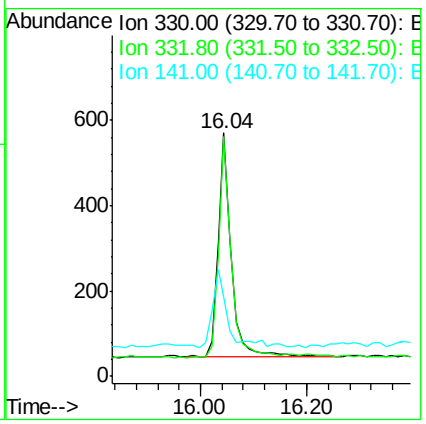


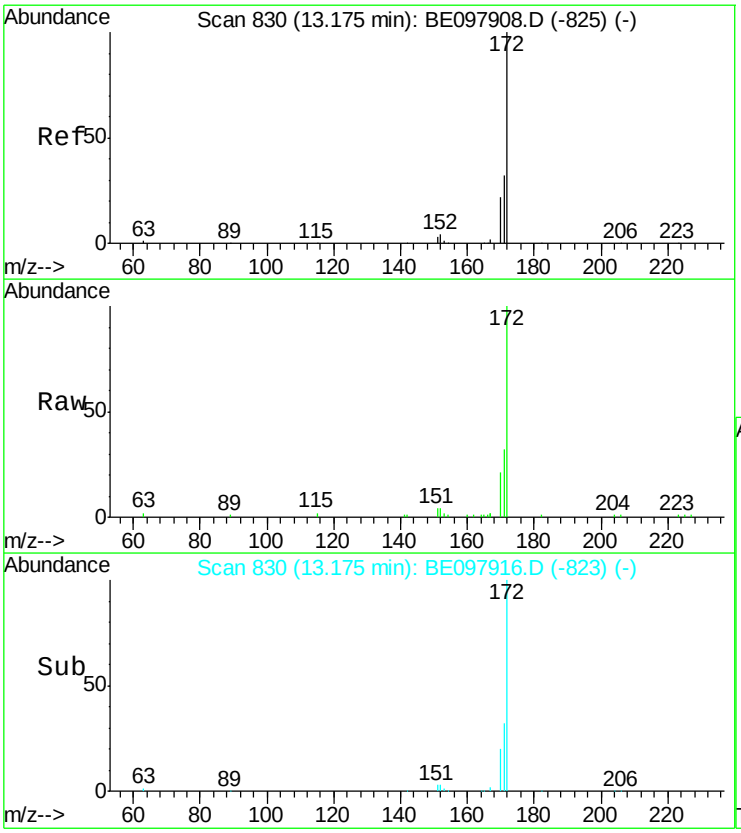
#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:330 Resp: 929

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.5	114.7
141	34.6	31.8	47.6

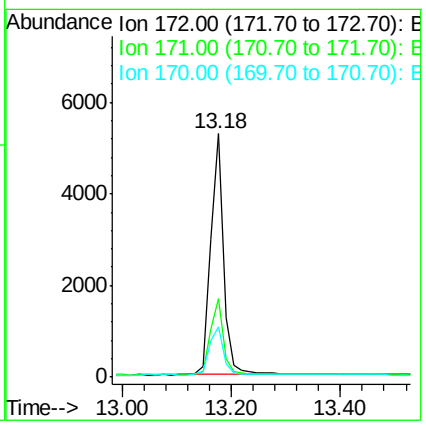


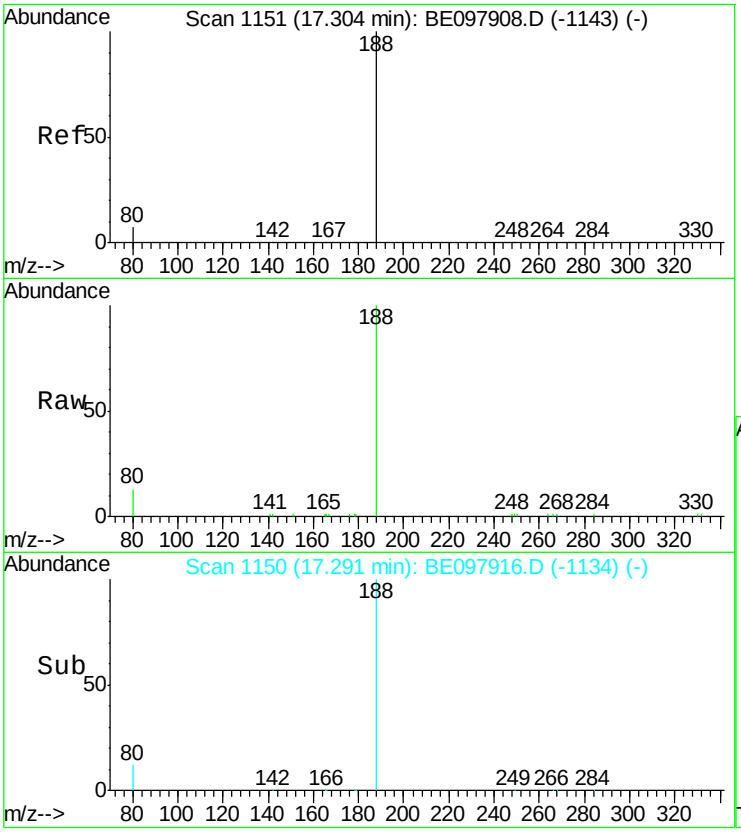


#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.18 min Scan# 830
Delta R.T. 0.00 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion:172 Resp: 8862

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.0	39.0
170	20.7	18.0	27.0



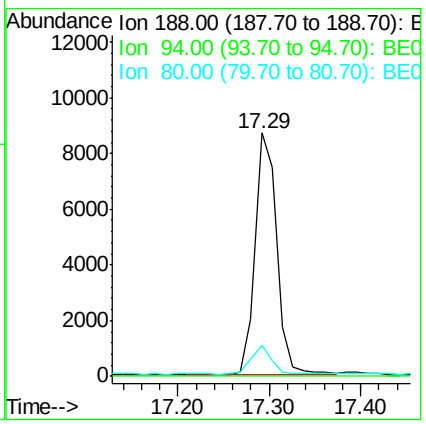


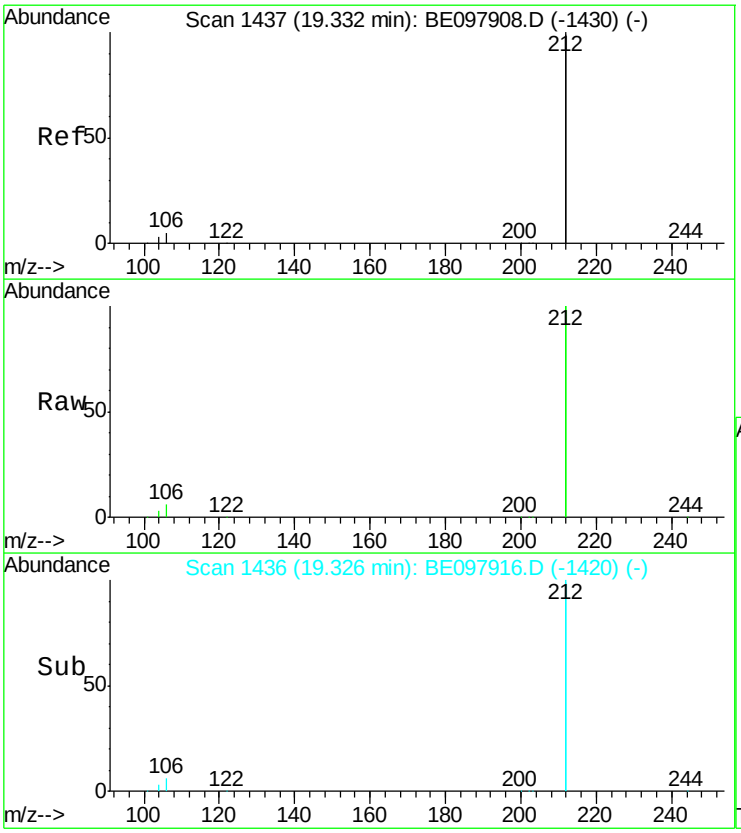
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:188 Resp: 14447

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	6.3	9.5#

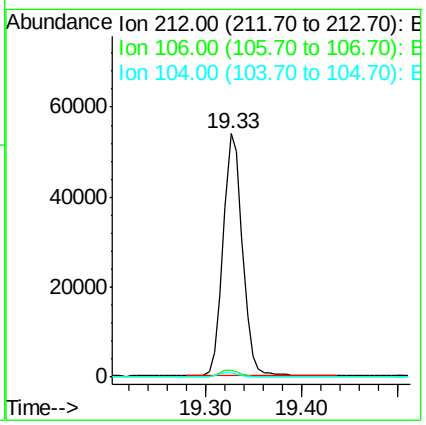


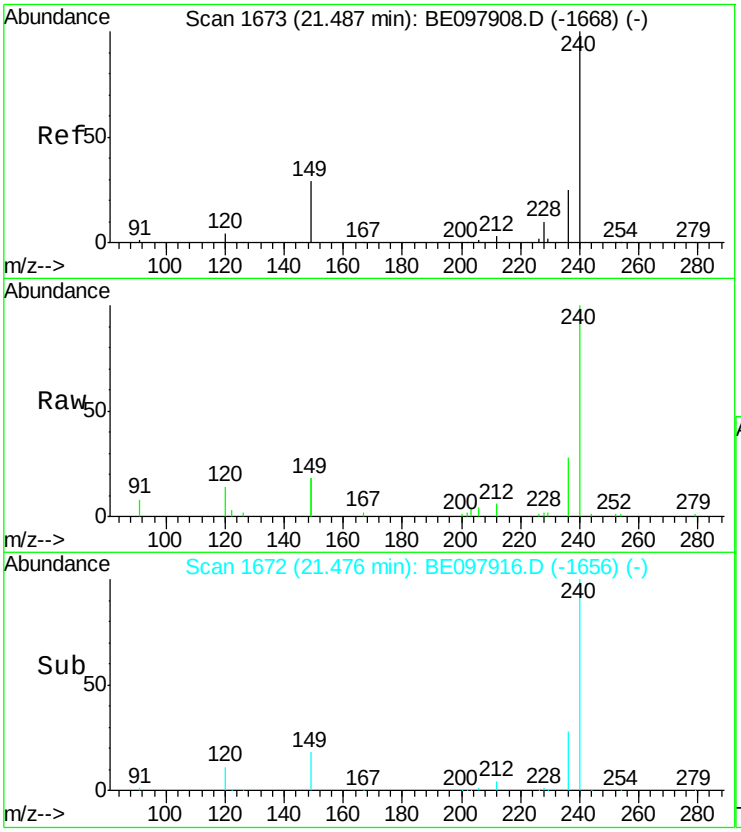


#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion:212 Resp: 75730

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9



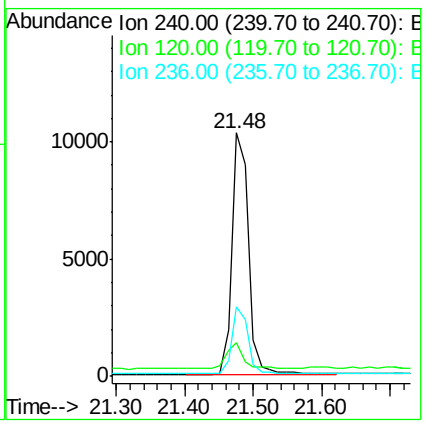


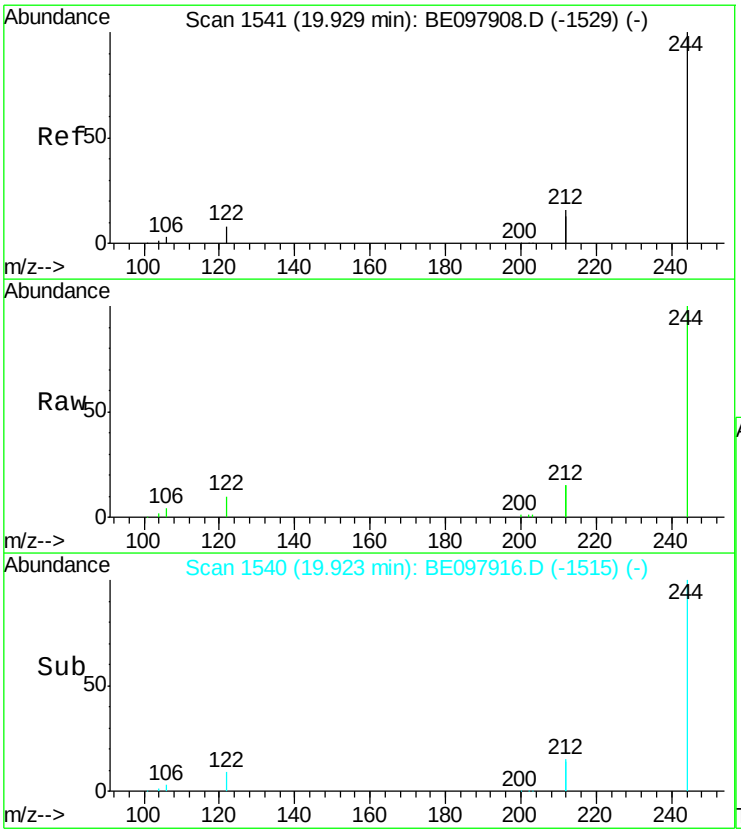
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:240 Resp: 17162

Ion	Ratio	Lower	Upper
240	100		
120	14.0	7.1	10.7#
236	28.5	21.3	31.9

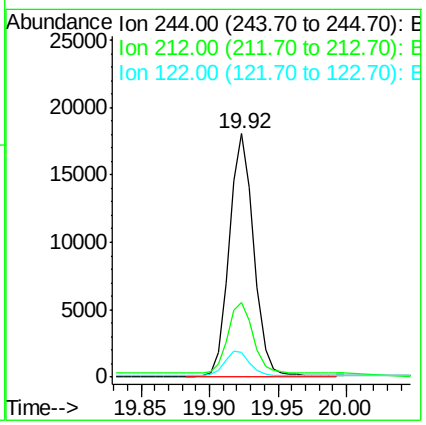


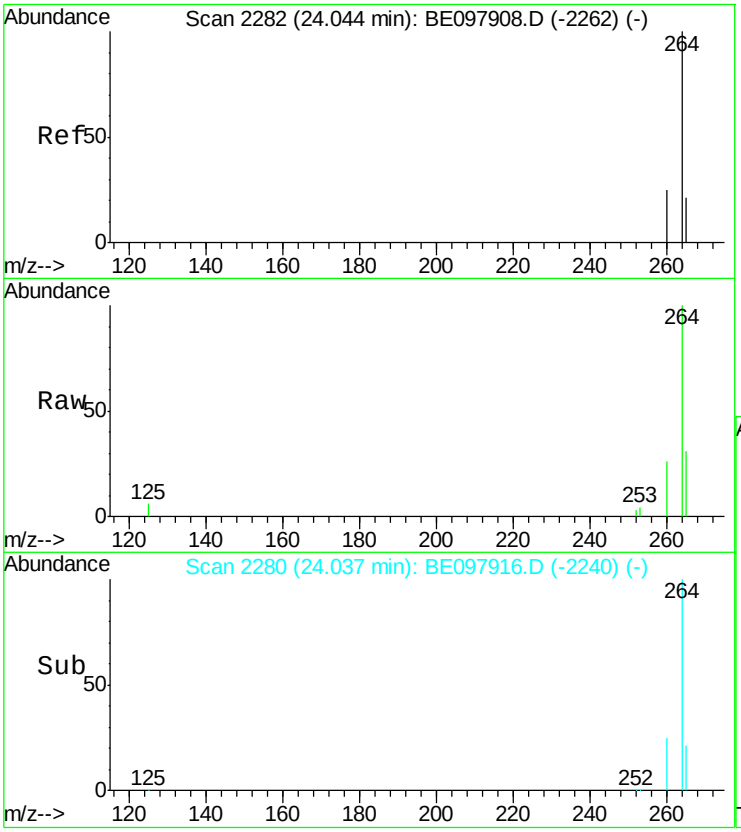


#29
Terphenyl-d14
Concen: 0.574 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097916.D
Acq: 16 Oct 2018 18:52

Tgt Ion:244 Resp: 22594

Ion	Ratio	Lower	Upper
244	100		
212	30.5	26.2	39.2
122	10.0	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: BE097916.D
Acq: 16 Oct 2018 18:52

Instrument :
BNA_E
ClientSampleId :
TT-DUP05-20181008

Tgt Ion:264 Resp: 17598

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.1	31.7
265	31.0	29.2	43.8