Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093446.D
Acq On : 7 Jul 2017 16:58
Operator : SJ/JU
Sample : I4009-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-91BR-20170630

Quant Time: Jul 07 18:08:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.944	152	4169	0.40	ng	0.00
7) Naphthalene-d8	10.724	136	21548	0.40	ng	0.00
13) Acenaphthene-d10	14.539	164	13980	0.40	ng	0.00
19) Phenanthrene-d10	17.267	188	28809	0.40	ng	0.00
27) Chrysene-d12	21.426	240	37893	0.40	ng	0.00
34) Perylene-d12	23.934	264	32717	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.526	112	2219	0.18	ng	0.00
5) Phenol-d6	7.100	99	2040	0.11	ng	0.00
8) Nitrobenzene-d5	9.079	82	5780	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.307	152	12553	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.029	330	1291	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	27178	0.50	ng	0.00
25) Fluoranthene-d10	19.283	212	157370	0.45	ng	0.00
29) Terphenyl-d14	19.874	244	34305	0.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	560	0.06	ng	# 53
3) n-Nitrosodimethylamine	3.764	42	222	0.16	ng	# 8
22) Pentachlorophenol	16.909	266	12	Below Cal		86
32) Bis(2-ethylhexyl)phtha...	21.326	149	58896	0.40	ng	# 67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
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Acq On : 7 Jul 2017 16:58
Operator : SJ/JU
Sample : I4009-09
Misc :
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Instrument :
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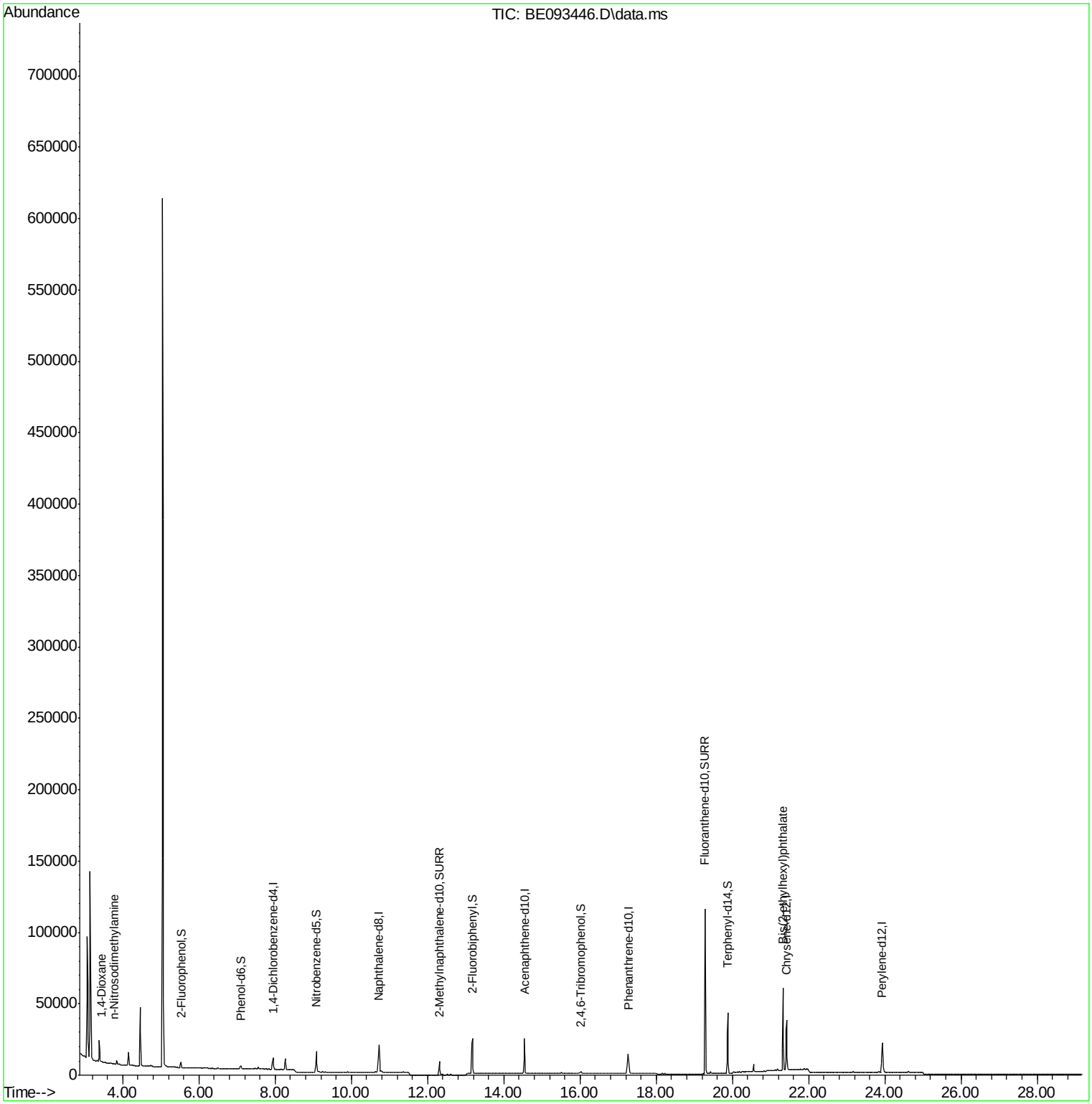
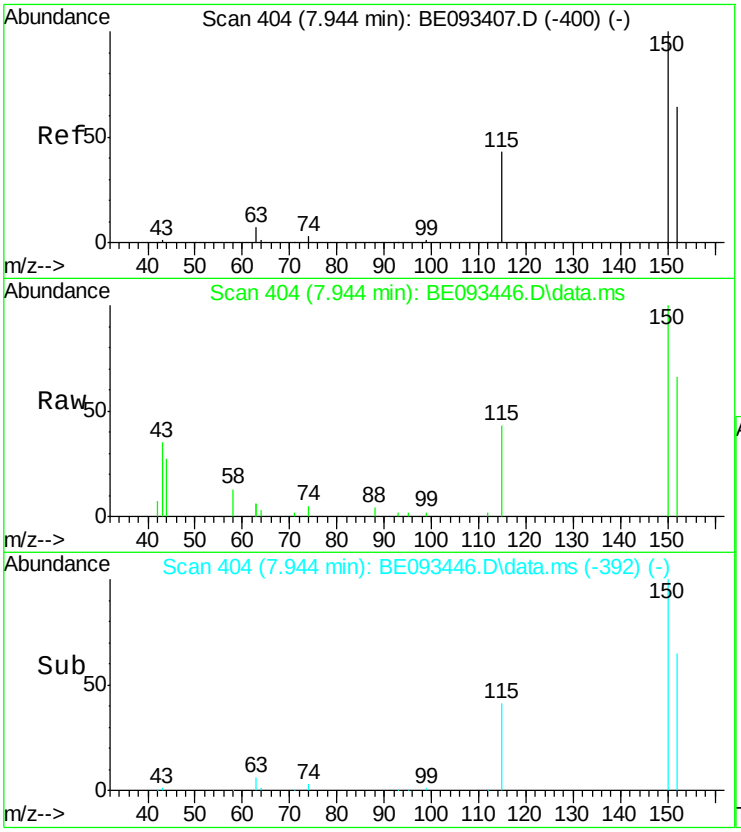
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



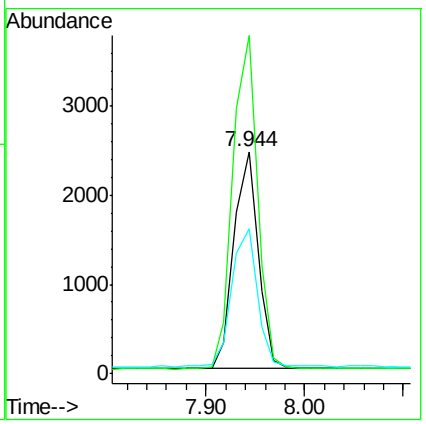


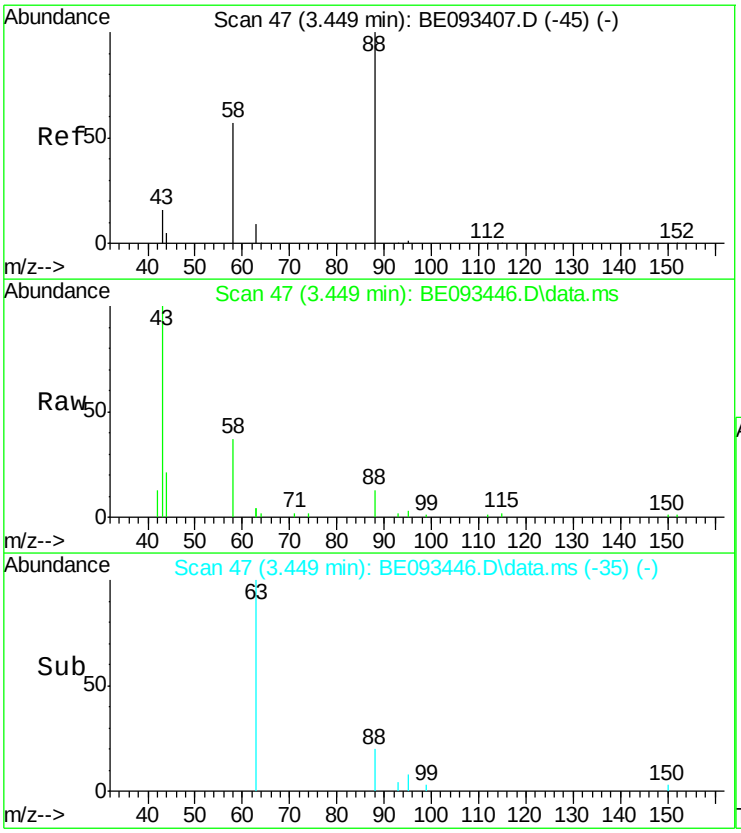
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.944 min Scan# 40
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion:152 Resp: 4169

Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.1	187.7
115	65.4	55.7	83.5

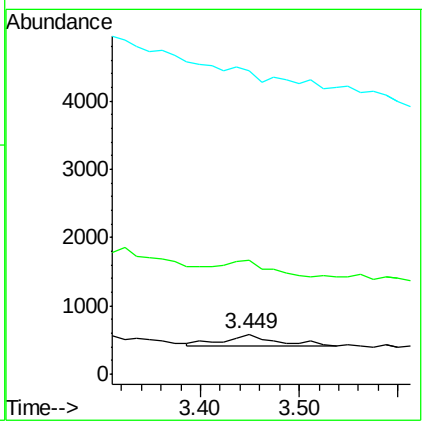


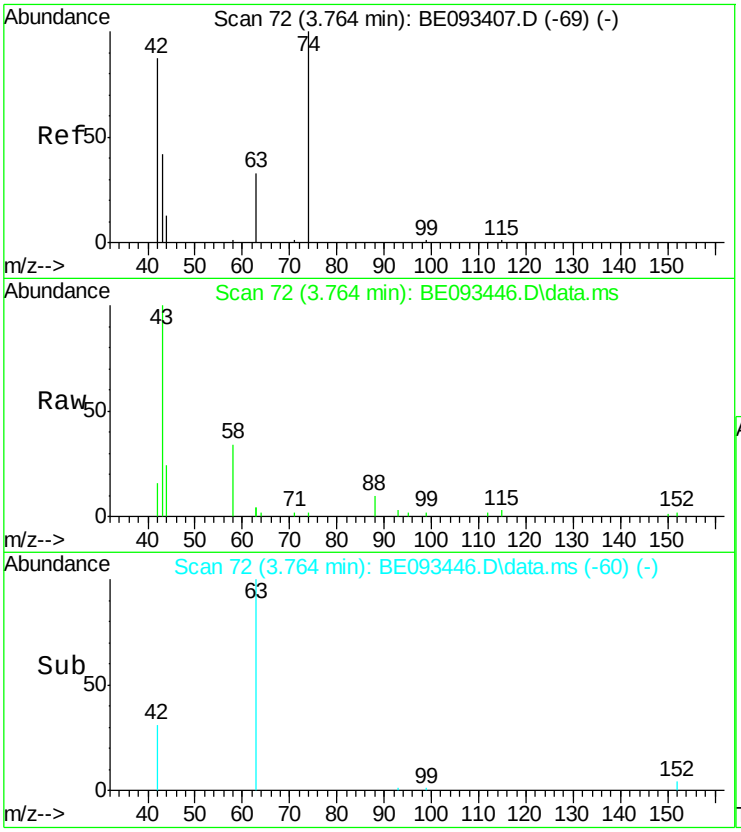


#2
1,4-Dioxane
Concen: 0.06 ng
RT: 3.449 min Scan# 47
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion: 88 Resp: 560

Ion	Ratio	Lower	Upper
88	100		
58	116.6	62.2	93.4#
43	0.0	23.2	34.8#



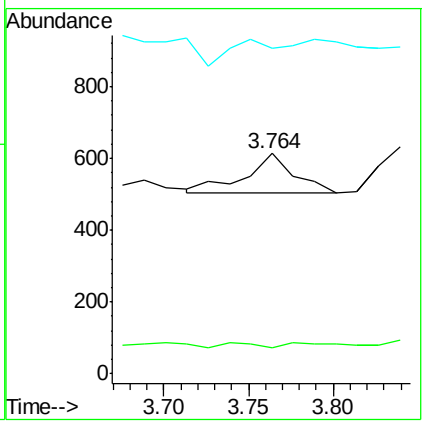


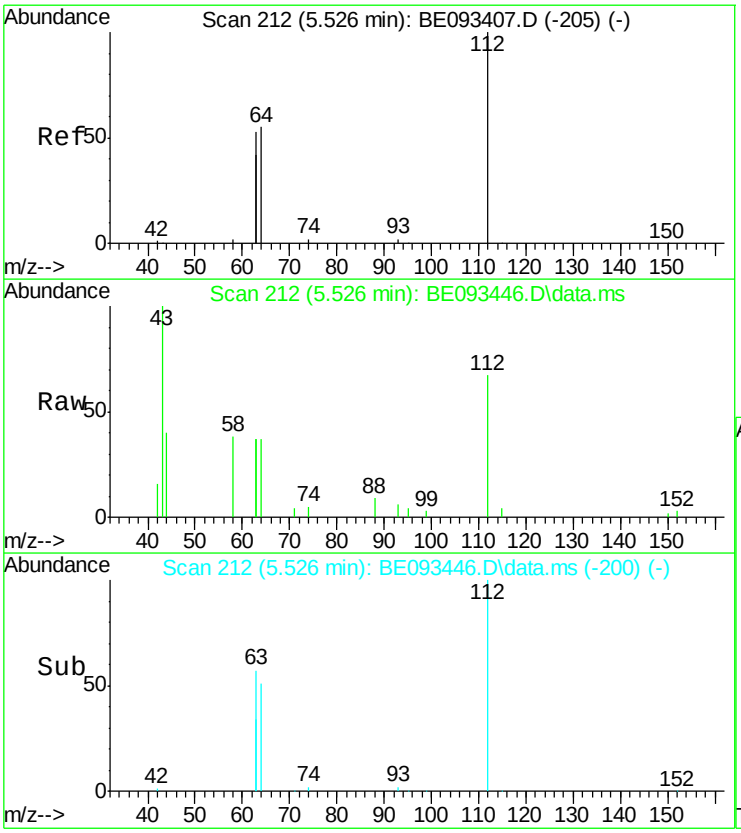
#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.764 min Scan# 72
Delta R.T. 0.001 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion: 42 Resp: 222

Ion	Ratio	Lower	Upper
42	100		
74	14.4	99.1	148.7#
44	0.0	7.4	11.2#

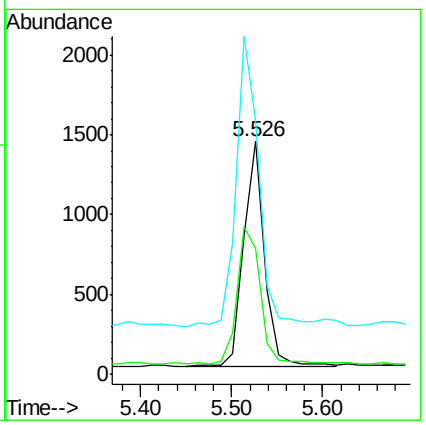


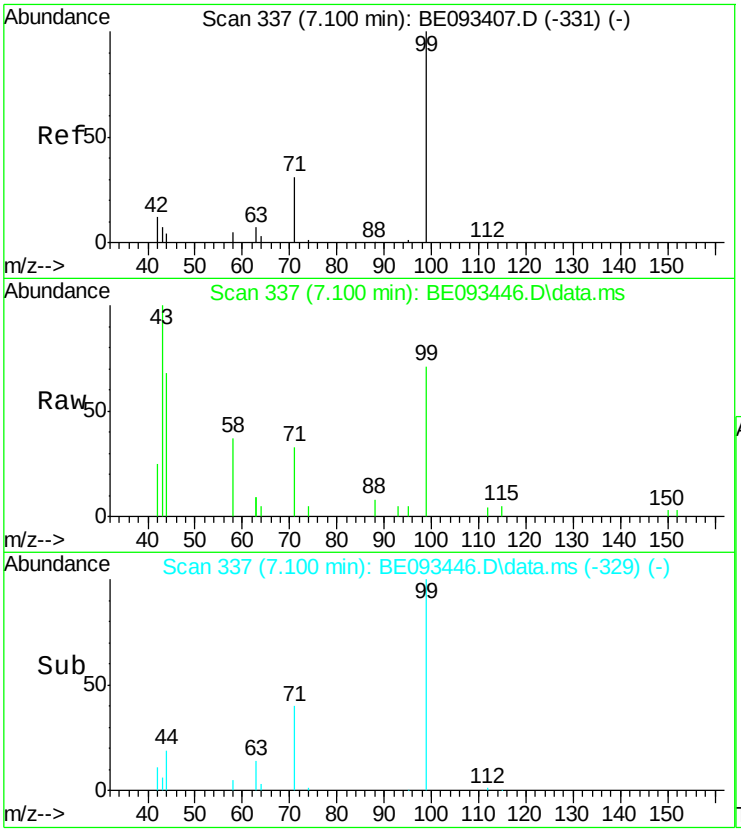


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.526 min Scan# 212
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:112 Resp: 2219

Ion	Ratio	Lower	Upper
112	100		
64	67.3	56.4	84.6
63	139.7	29.3	43.9#



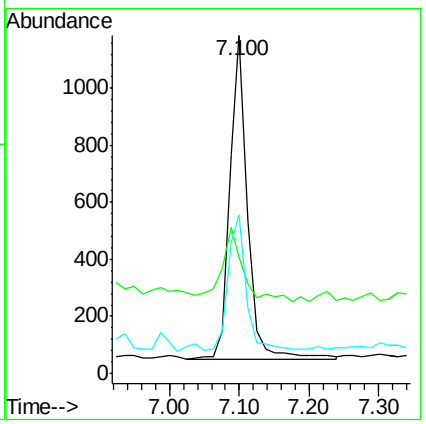


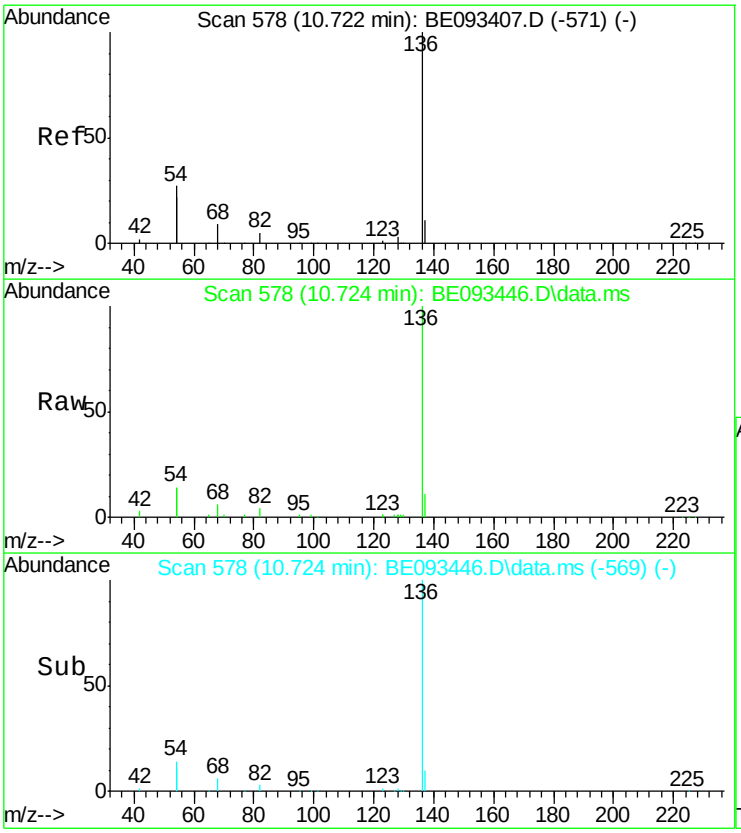
#5
Phenol-d6
Concen: 0.11 ng
RT: 7.100 min Scan# 33
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion: 99 Resp: 2040

Ion	Ratio	Lower	Upper
99	100		
42	27.9	0.0	0.0#
71	42.0	0.0	0.0#

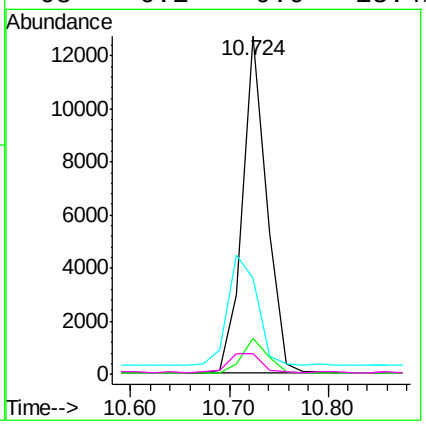


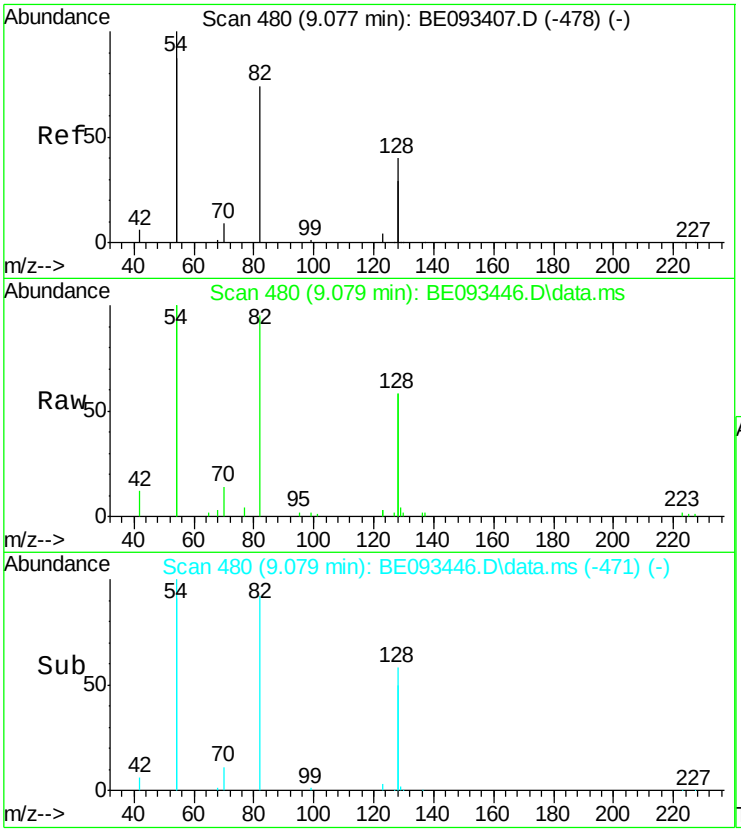


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.724 min Scan# 578
Delta R.T. 0.002 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:136 Resp: 21548

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.8
54	28.5	10.3	15.5#
68	6.1	9.0	13.4#



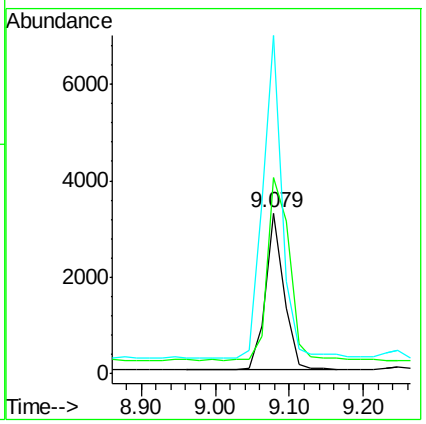


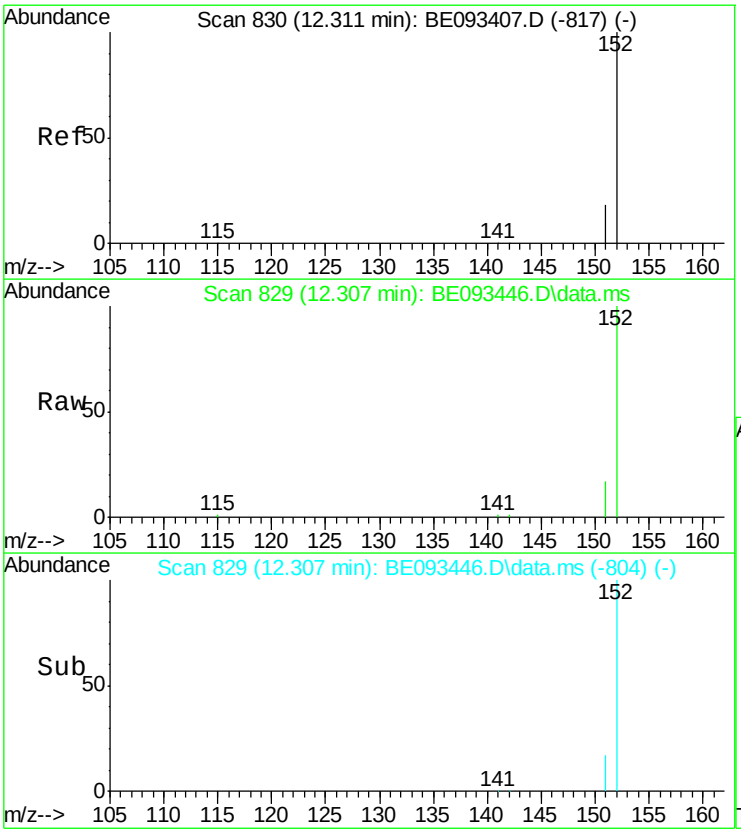
#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 9.079 min Scan# 48
Delta R.T. 0.002 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion: 82 Resp: 5780

Ion	Ratio	Lower	Upper
82	100		
128	122.0	17.0	25.4#
54	211.0	53.8	80.6#

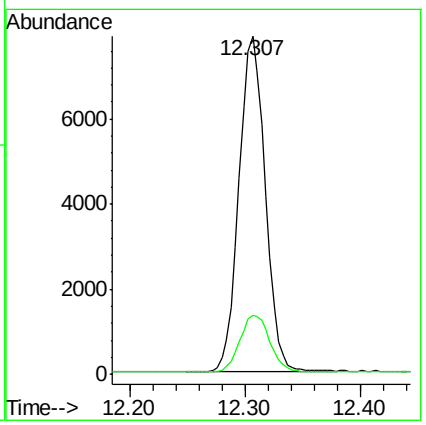


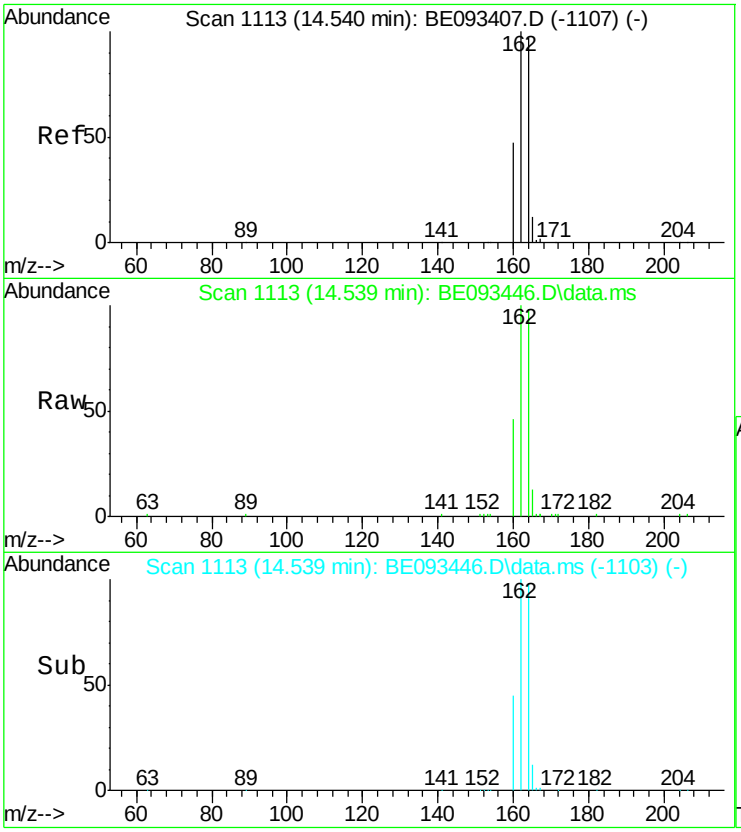


#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.307 min Scan# 829
Delta R.T. -0.005 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:152 Resp: 12553

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7



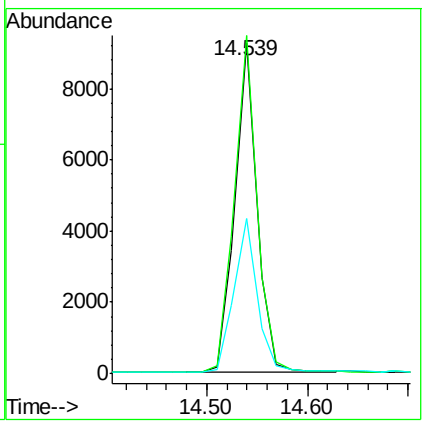


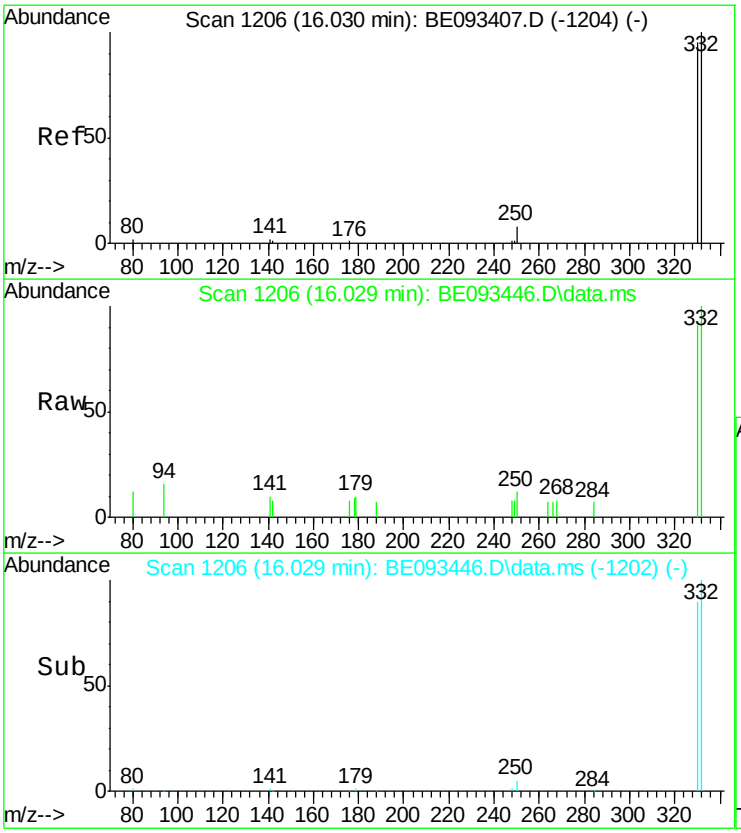
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion:164 Resp: 13980

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.6	127.0
160	46.8	41.8	62.6

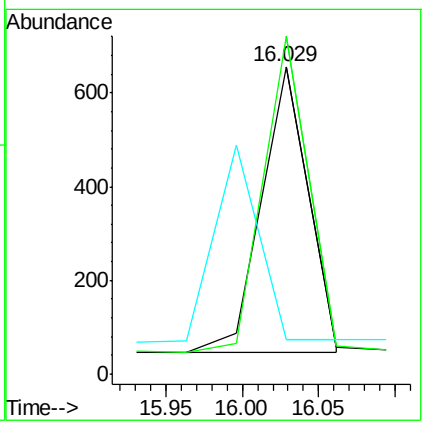


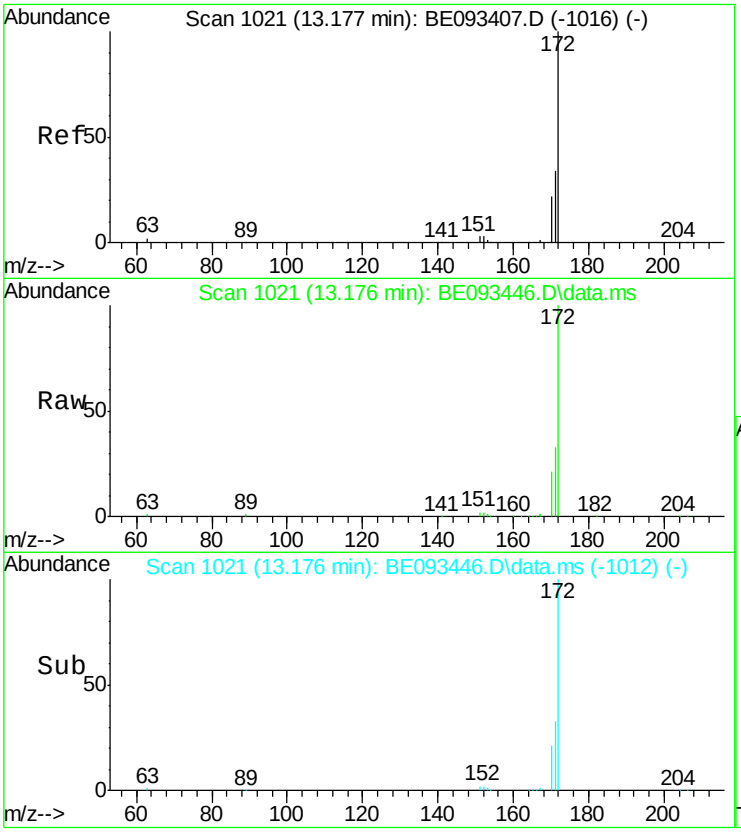


#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 16.029 min Scan# 1206
Delta R.T. -0.001 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:330 Resp: 1291

Ion	Ratio	Lower	Upper
330	100		
332	107.1	77.7	116.5
141	0.0	56.2	84.4#



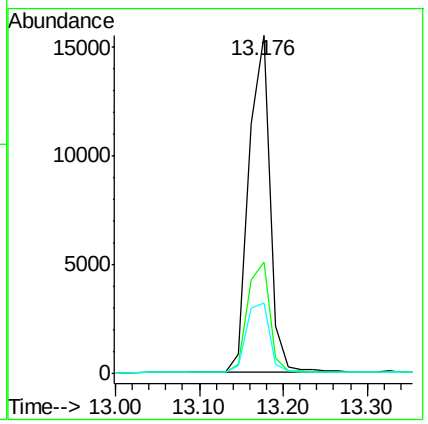


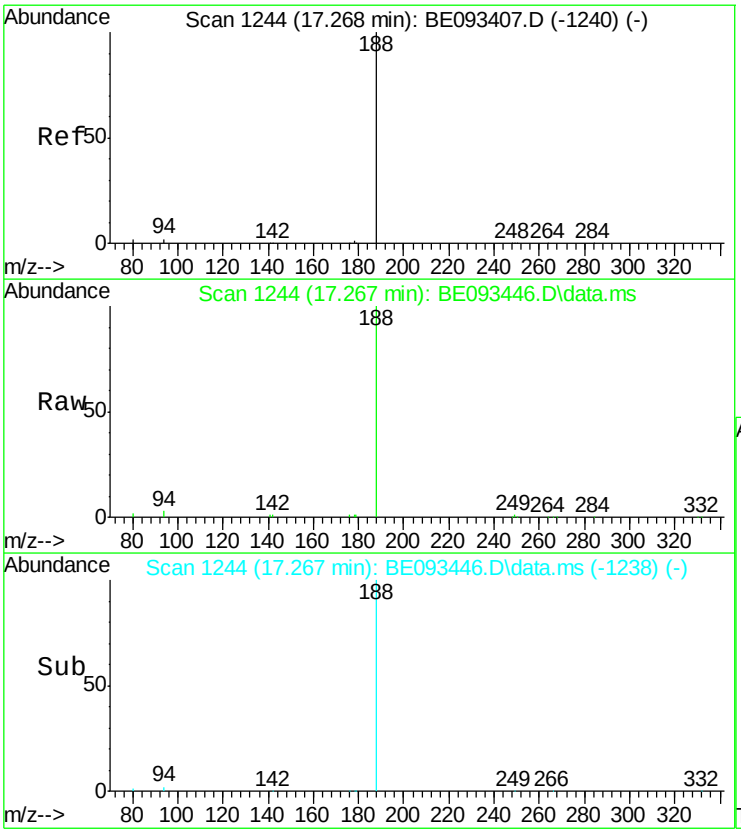
#15
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 13.176 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion:172 Resp: 27178

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.8	44.6
170	20.8	20.7	31.1

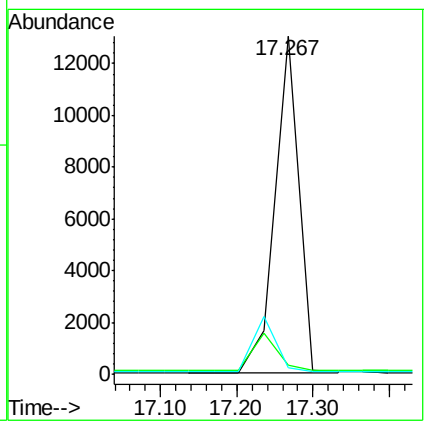


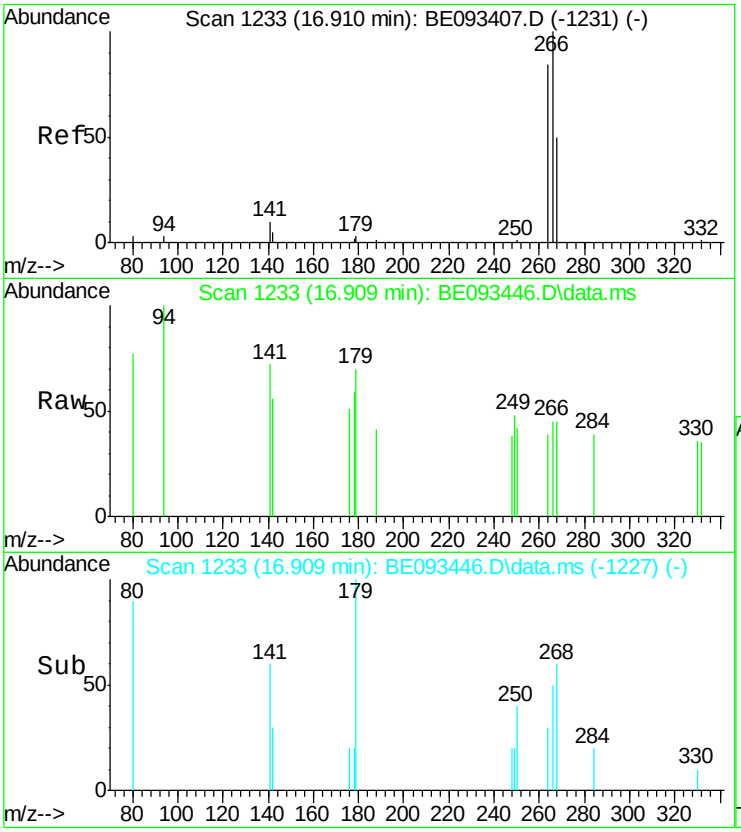


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.267 min Scan# 1244
Delta R.T. -0.001 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:188 Resp: 28809

Ion	Ratio	Lower	Upper
188	100		
94	2.6	11.3	16.9#
80	1.9	11.7	17.5#



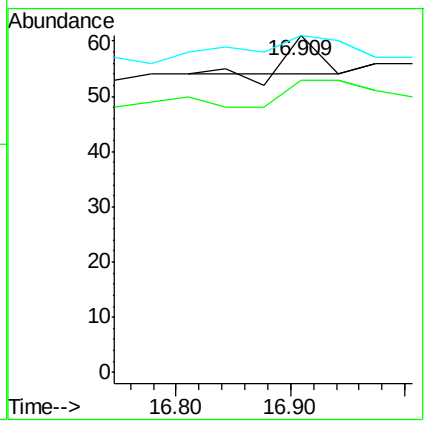


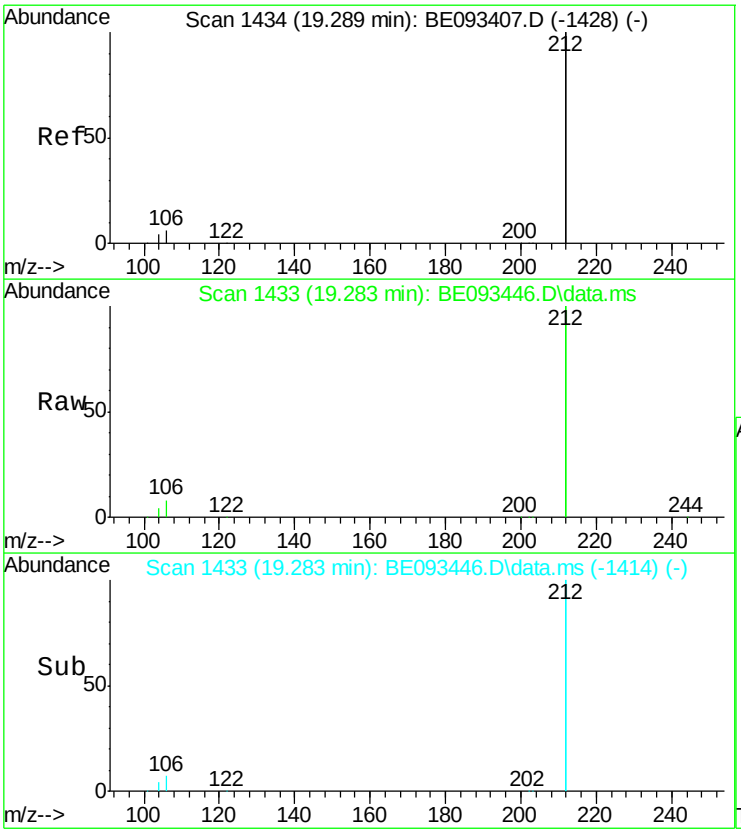
#22
Pentachlorophenol
Concen: Below Cal
RT: 16.909 min Scan# 12
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	86.9	58.2	87.2
268	100.0	71.9	107.9

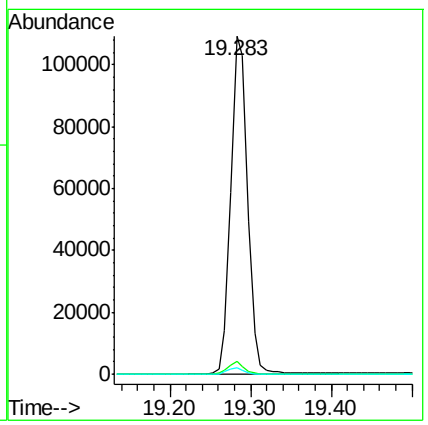


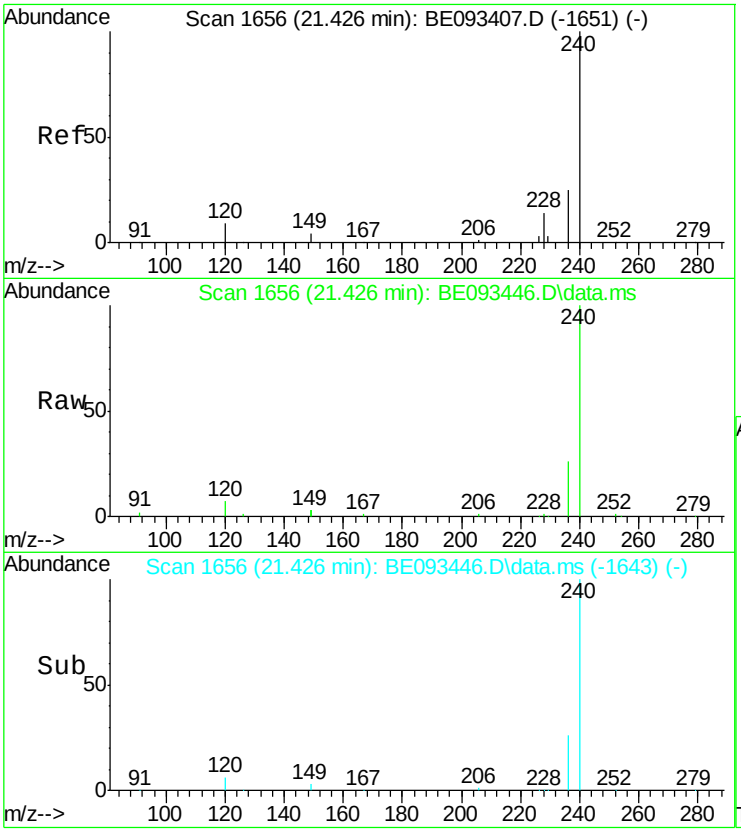


#25
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.283 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:212 Resp: 157370

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4



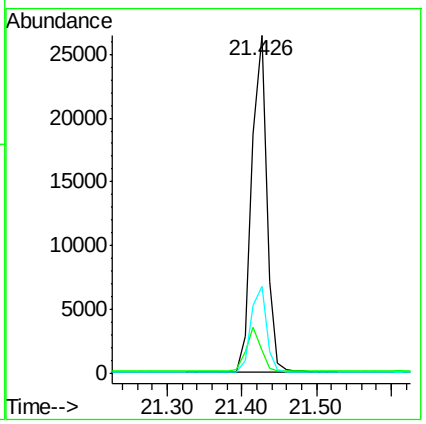


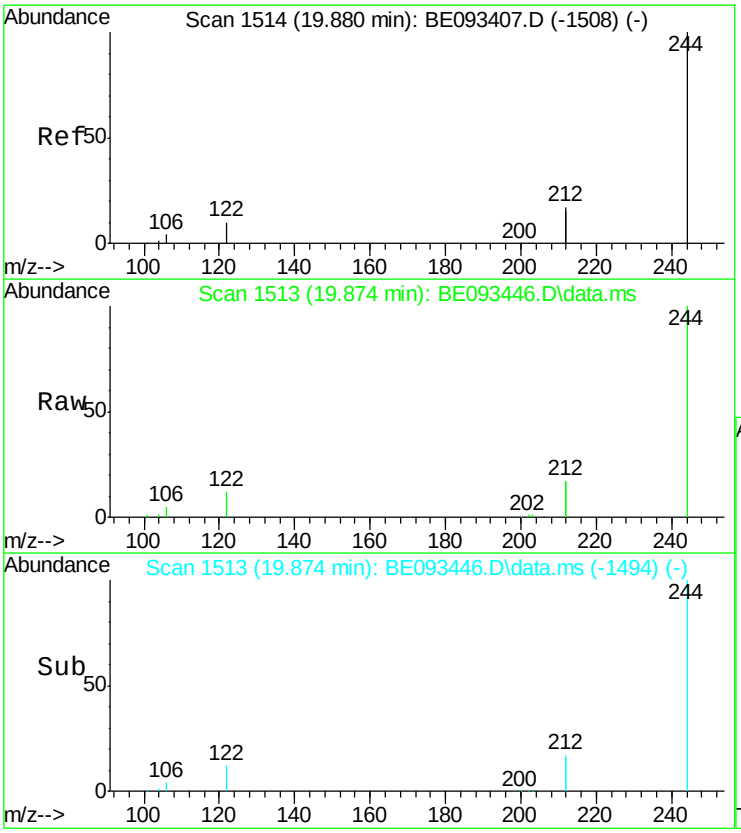
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.426 min Scan# 16
Delta R.T. -0.000 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion:240 Resp: 37893

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.6	7.0
236	26.0	20.8	31.2

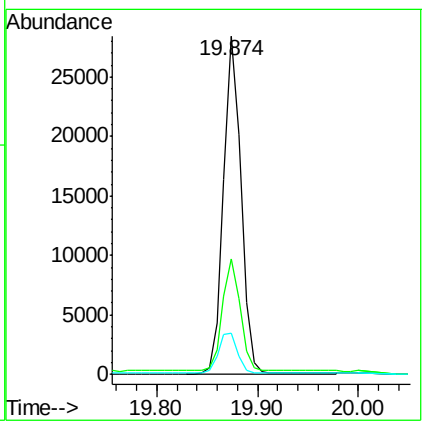


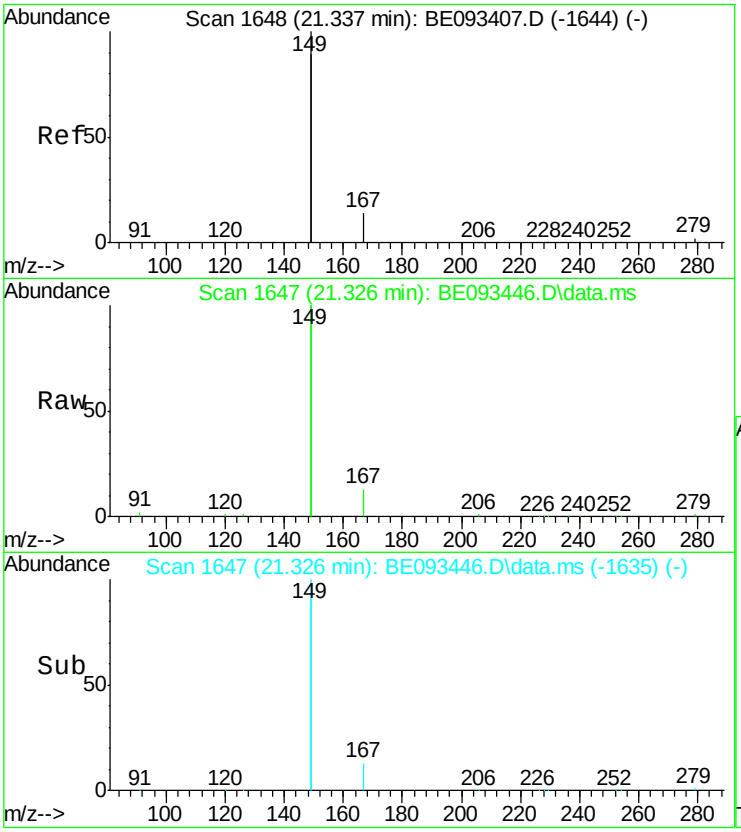


#29
Terphenyl-d14
Concen: 0.51 ng
RT: 19.874 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:244 Resp: 34305

Ion	Ratio	Lower	Upper
244	100		
212	34.1	10.6	16.0#
122	12.1	15.4	23.0#



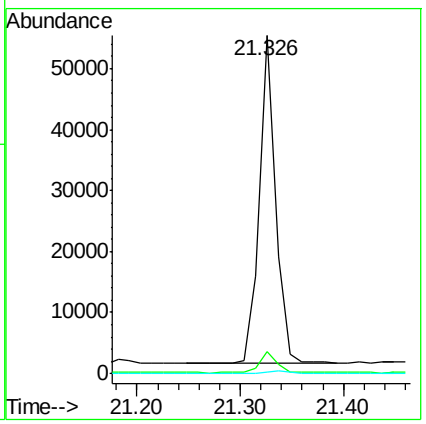


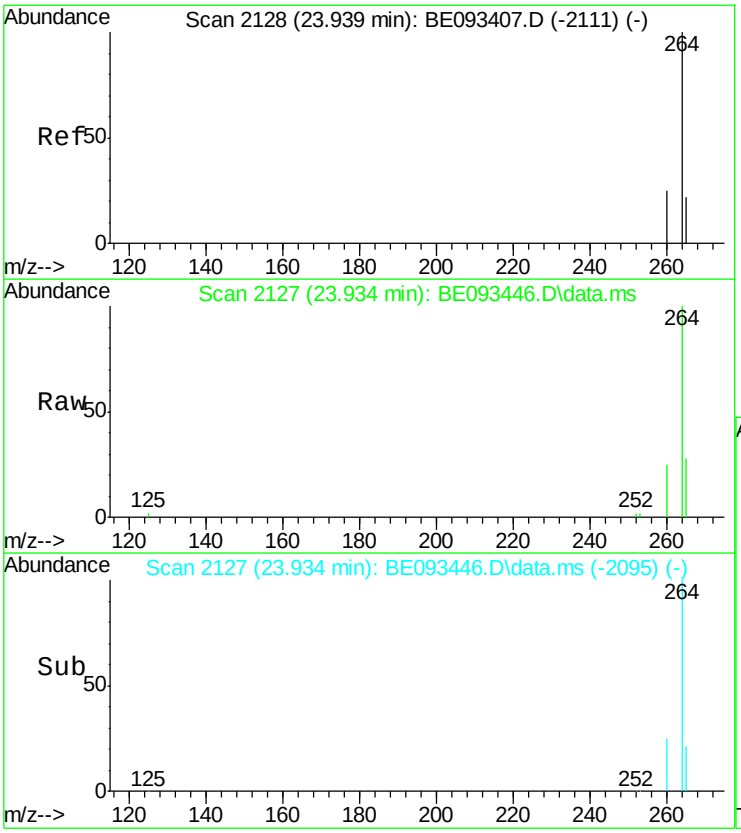
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.326 min Scan# 16
Delta R.T. -0.011 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Instrument :
BNA_E
ClientSampleId :
MW-91BR-20170630

Tgt Ion:149 Resp: 58896

Ion	Ratio	Lower	Upper
149	100		
167	6.8	20.1	30.1#
279	0.9	2.2	3.4#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.934 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BE093446.D
Acq: 7 Jul 2017 16:58

Tgt Ion:264 Resp: 32717

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.0	31.4
265	27.6	24.6	36.8