Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093464.D
Acq On : 14 Jul 2017 10:25
Operator : SJ/JU
Sample : PB100626BL
Misc : LOO 0.2 PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB100626BL

Quant Time: Jul 17 01:46:04 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	7.95	152	4896	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21073	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10594	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	21819	0.40	ng	0.00
27) Chrysene-d12	21.42	240	38275	0.40	ng	-0.01
34) Perylene-d12	23.93	264	33971	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4833	0.33	ng	0.00
5) Phenol-d6	7.10	99	6713	0.31	ng	0.00
8) Nitrobenzene-d5	9.08	82	4346	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	9173	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	706	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	12653	0.31	ng	0.00
25) Fluoranthene-d10	19.28	212	113011	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	20256	0.30	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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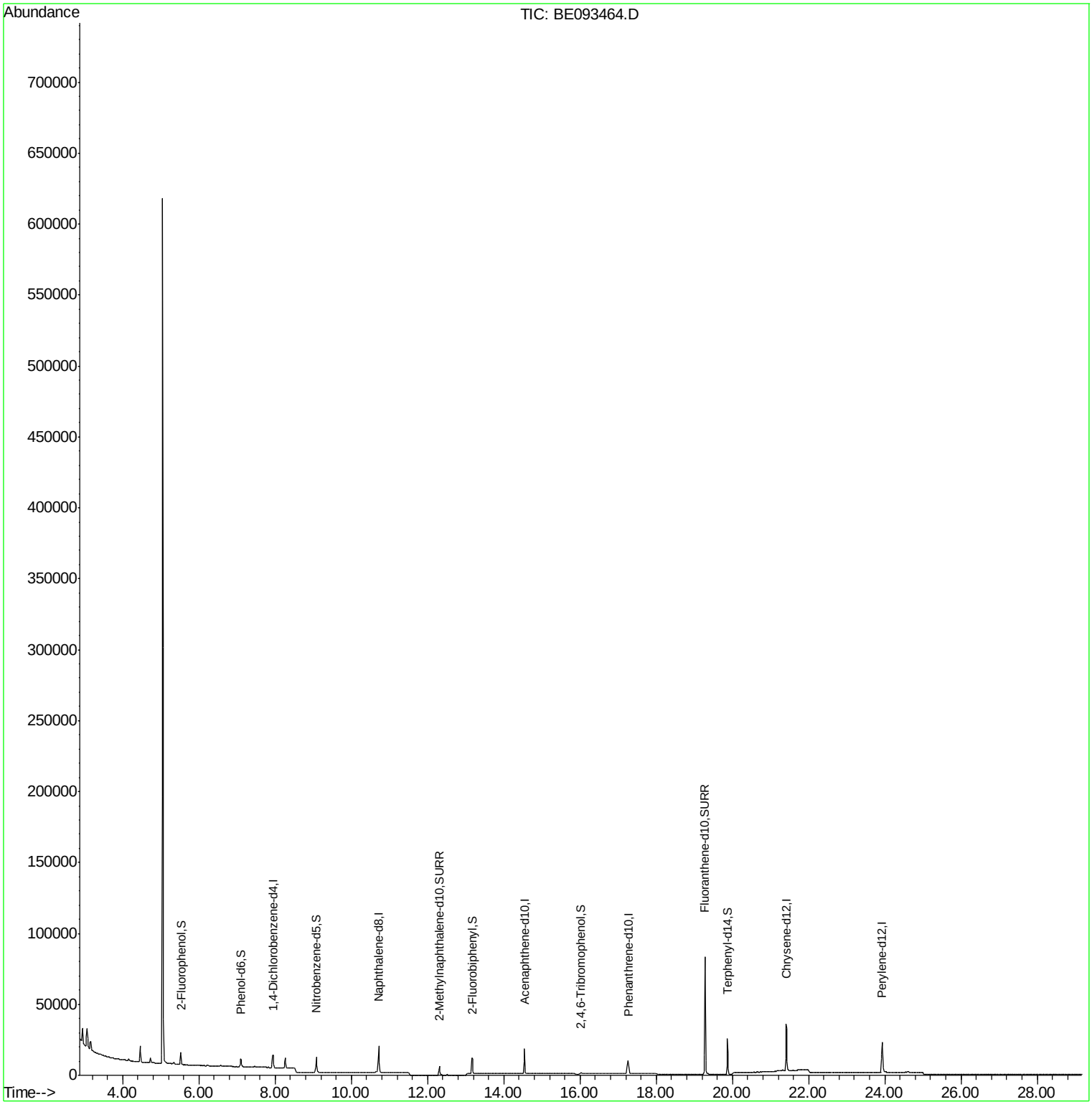
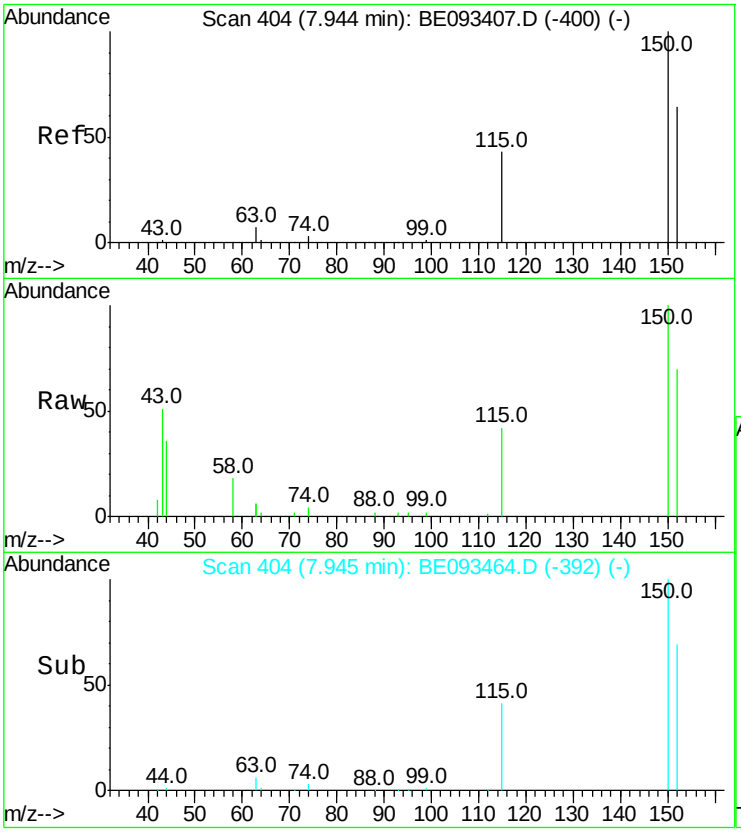


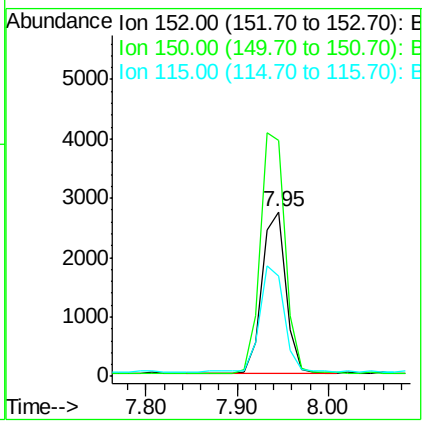


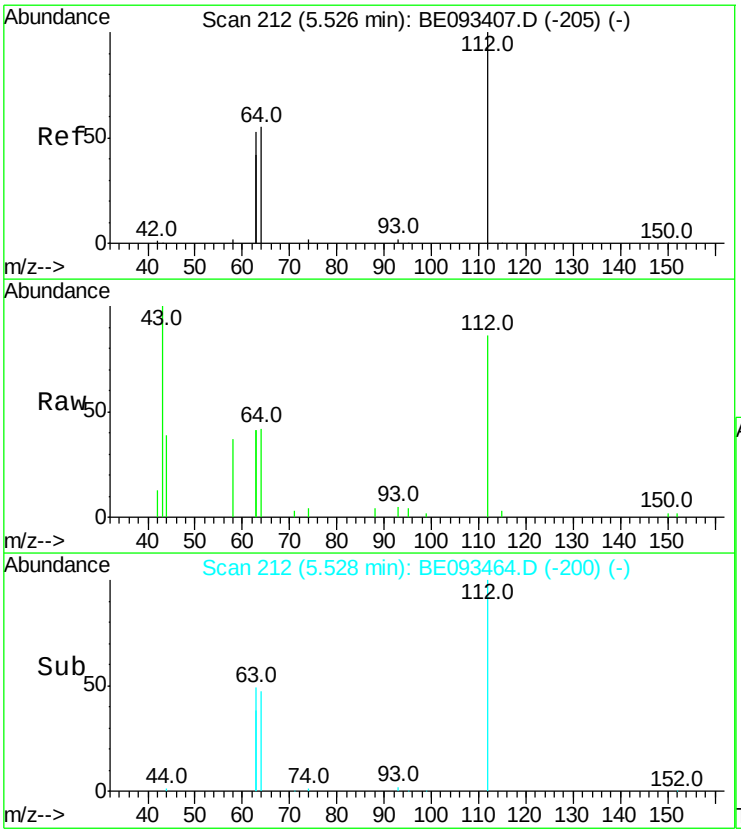
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion:152 Resp: 4896

Ion	Ratio	Lower	Upper
152	100		
150	143.6	125.1	187.7
115	60.8	55.7	83.5

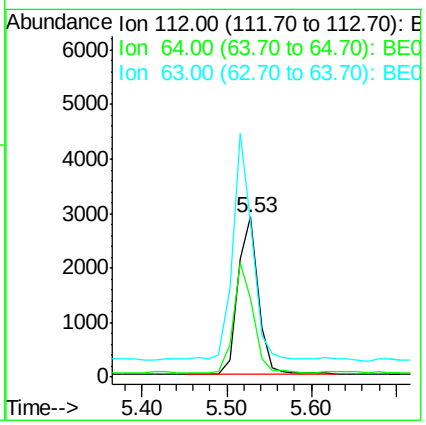


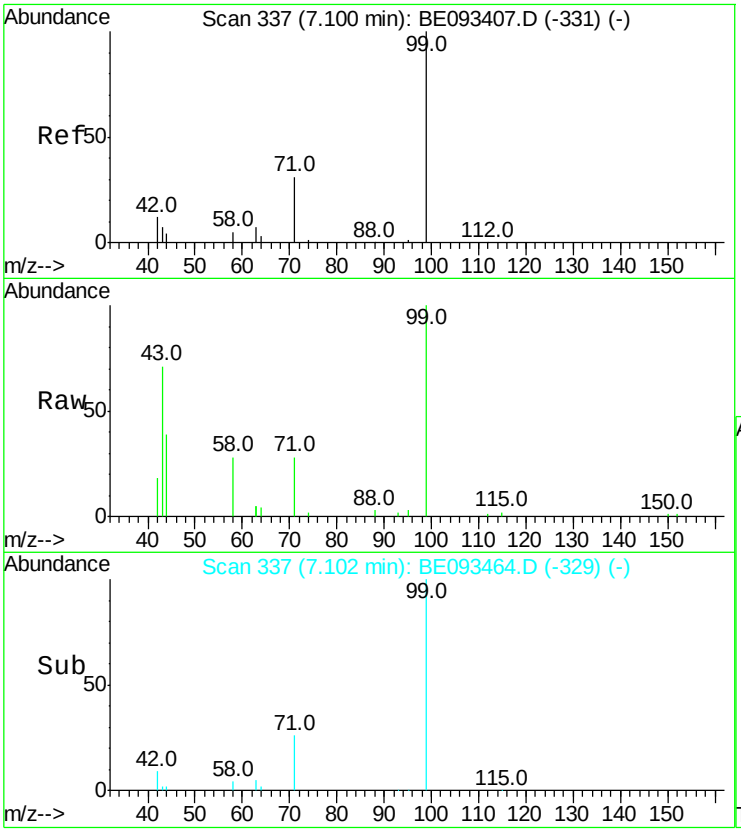


#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:112 Resp: 4833

Ion	Ratio	Lower	Upper
112	100		
64	68.7	56.4	84.6
63	139.8	29.3	43.9#



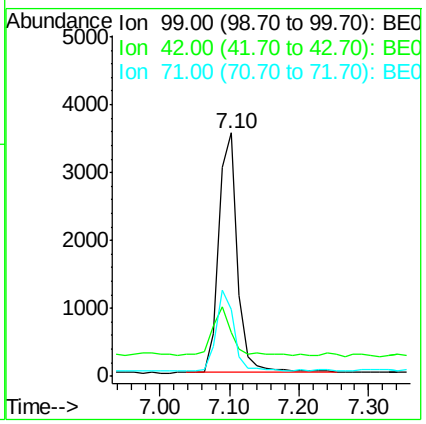


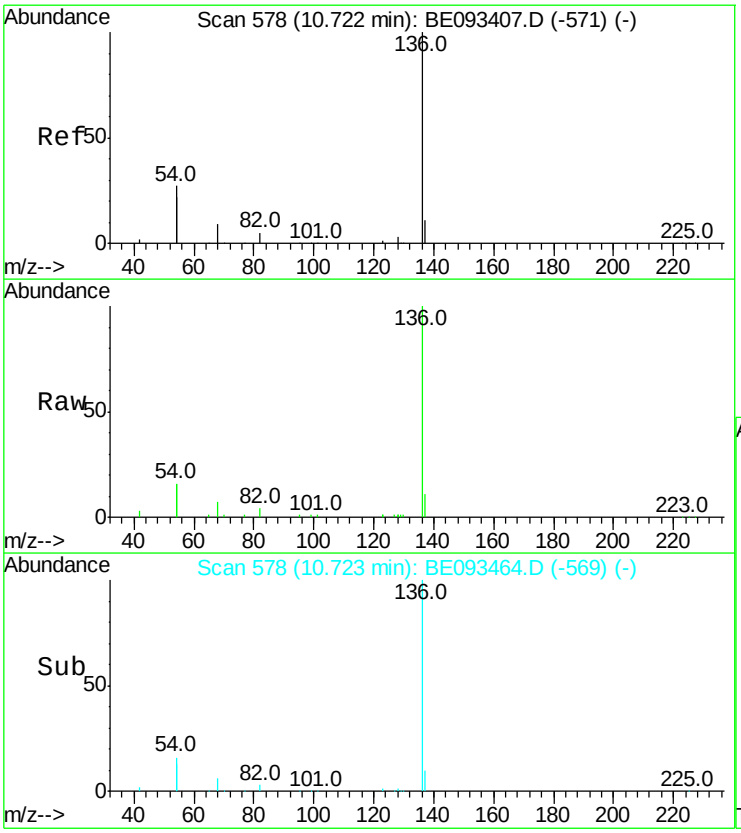
#5
Phenol-d6
Concen: 0.308 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion: 99 Resp: 6713

Ion	Ratio	Lower	Upper
99	100		
42	20.5	0.0	0.0#
71	32.2	0.0	0.0#

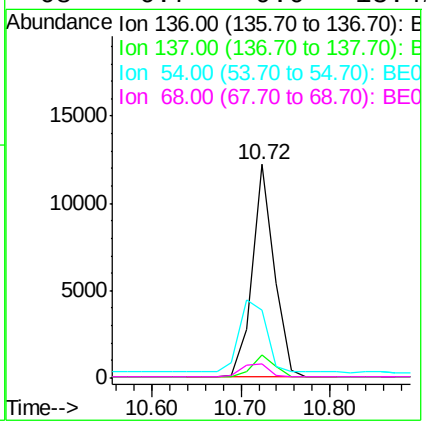


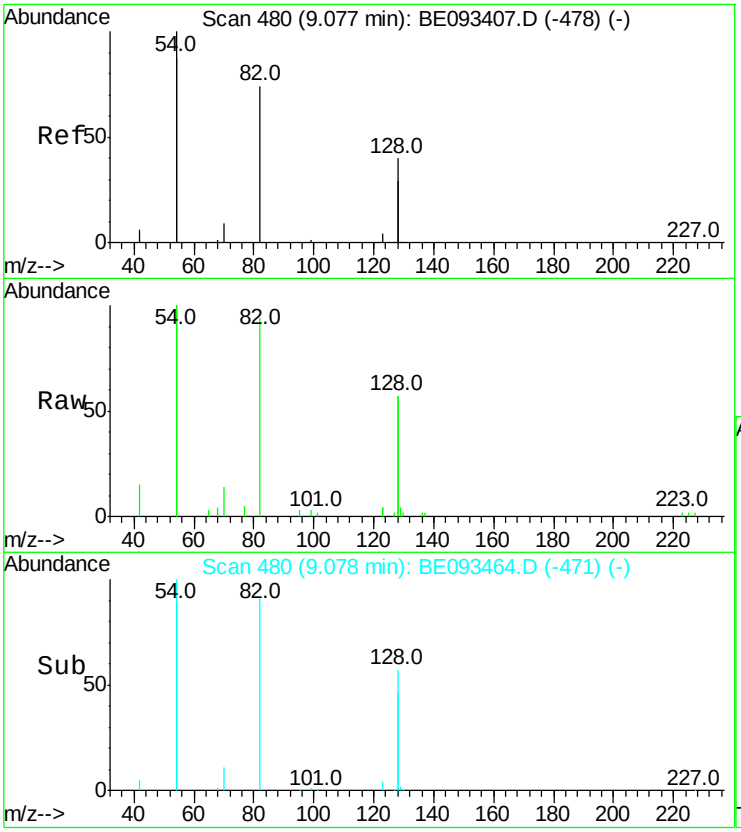


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:136 Resp: 21073

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.8
54	31.6	10.3	15.5#
68	6.7	9.0	13.4#



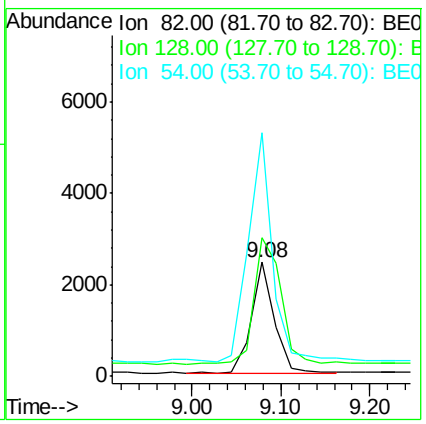


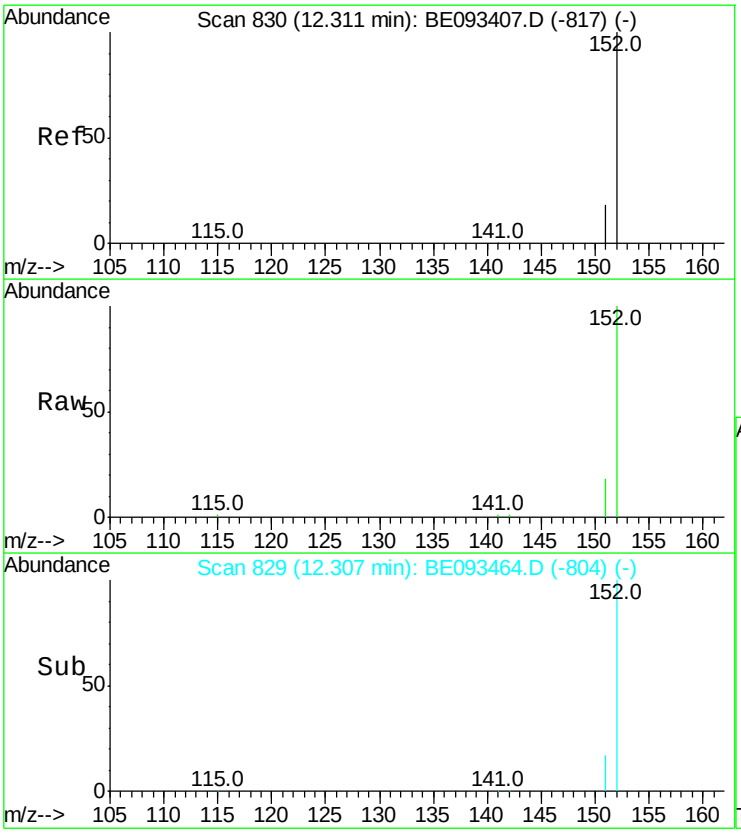
#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion: 82 Resp: 4346

Ion	Ratio	Lower	Upper
82	100		
128	121.0	17.0	25.4#
54	213.4	53.8	80.6#

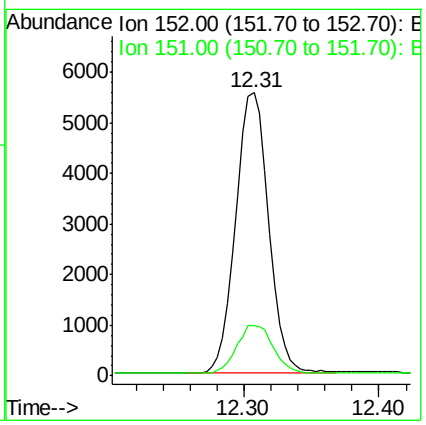


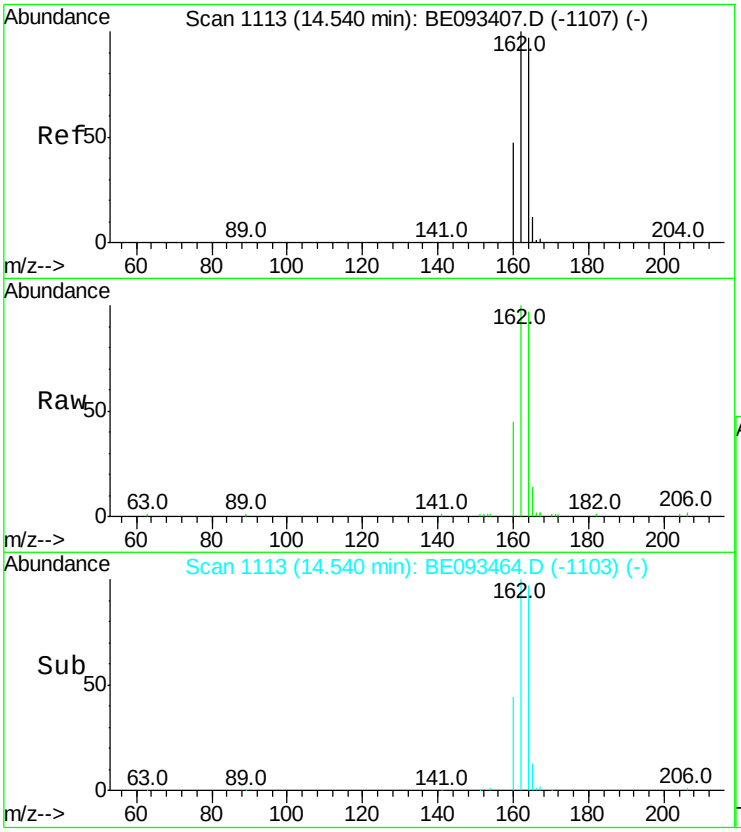


#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:152 Resp: 9173

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7



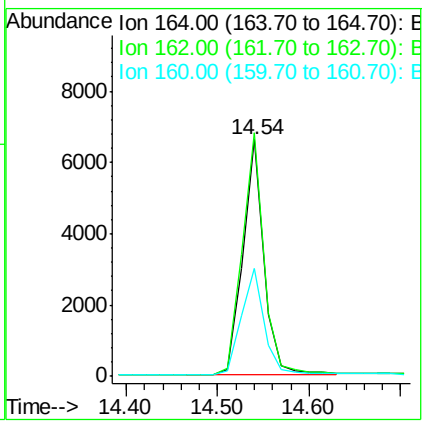


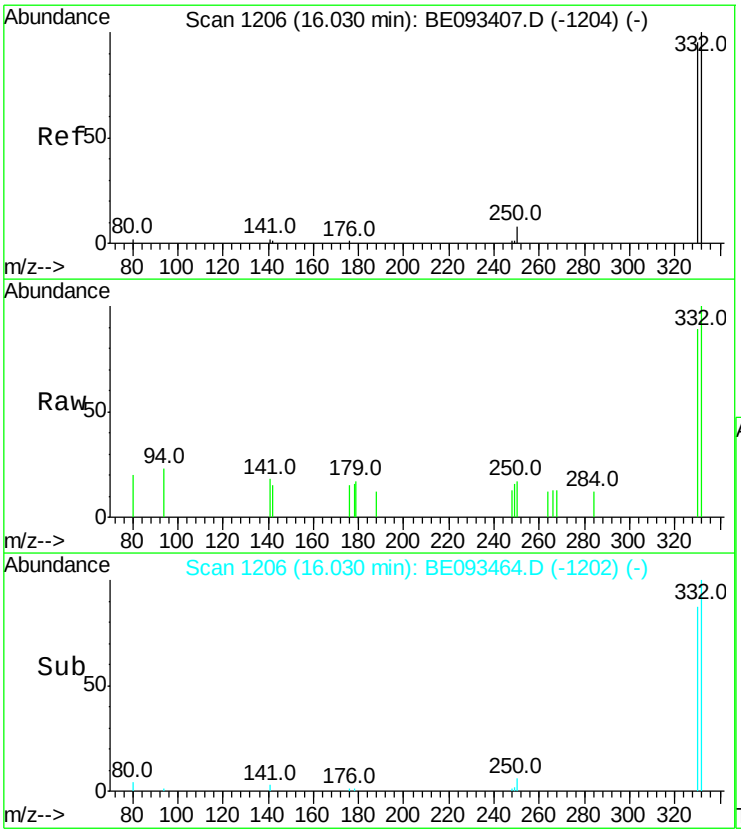
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion:164 Resp: 10594

Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.6	127.0
160	45.8	41.8	62.6

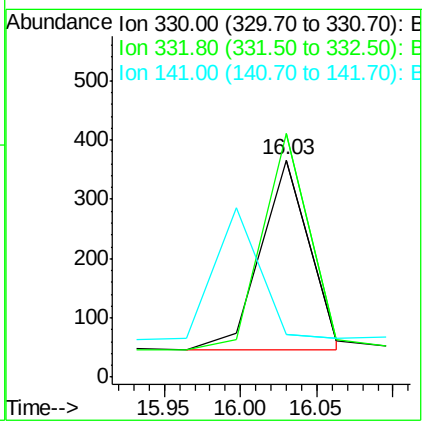


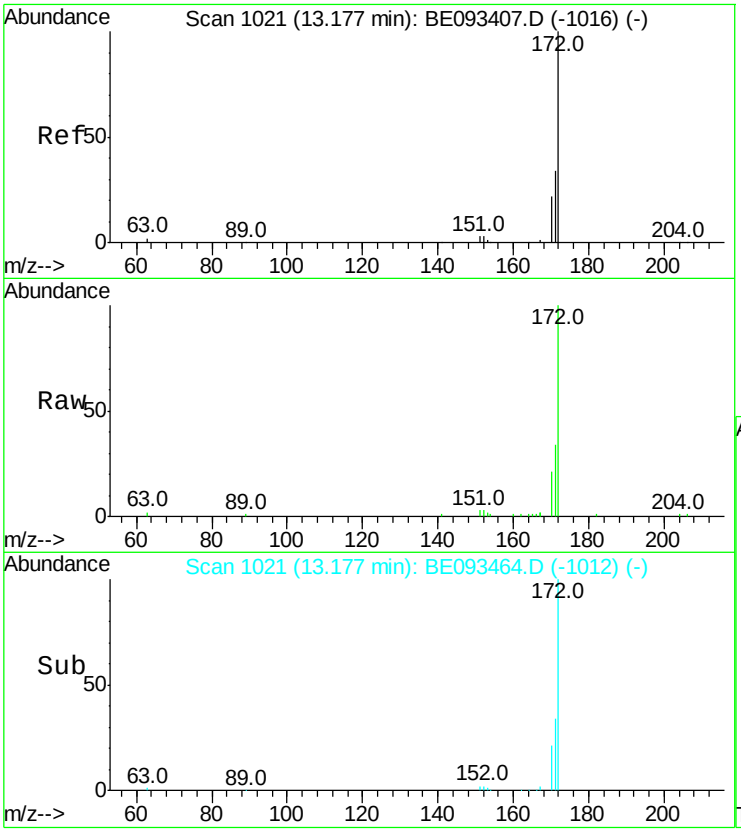


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:330 Resp: 706

Ion	Ratio	Lower	Upper
330	100		
332	109.6	77.7	116.5
141	0.0	56.2	84.4#



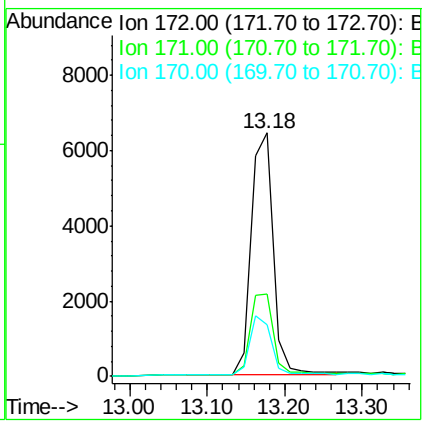


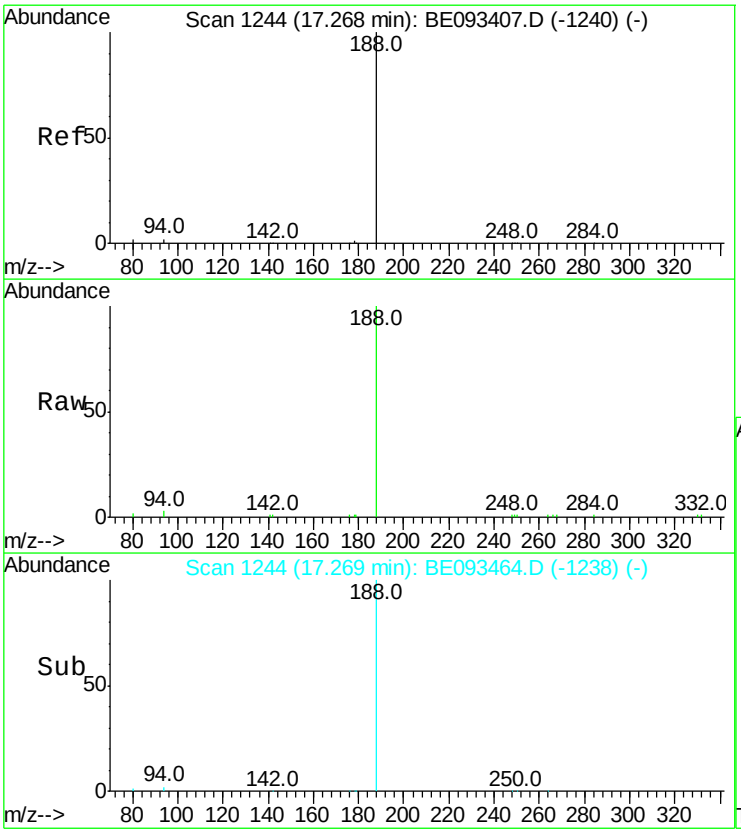
#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion:172 Resp: 12653

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.8	44.6
170	21.2	20.7	31.1

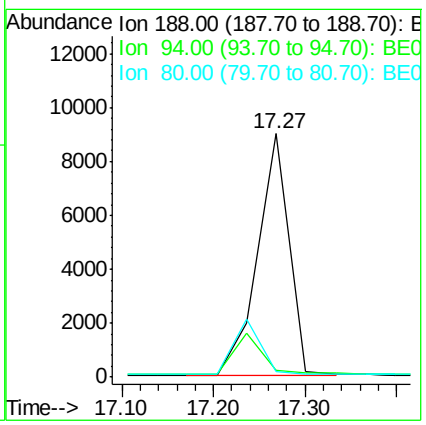


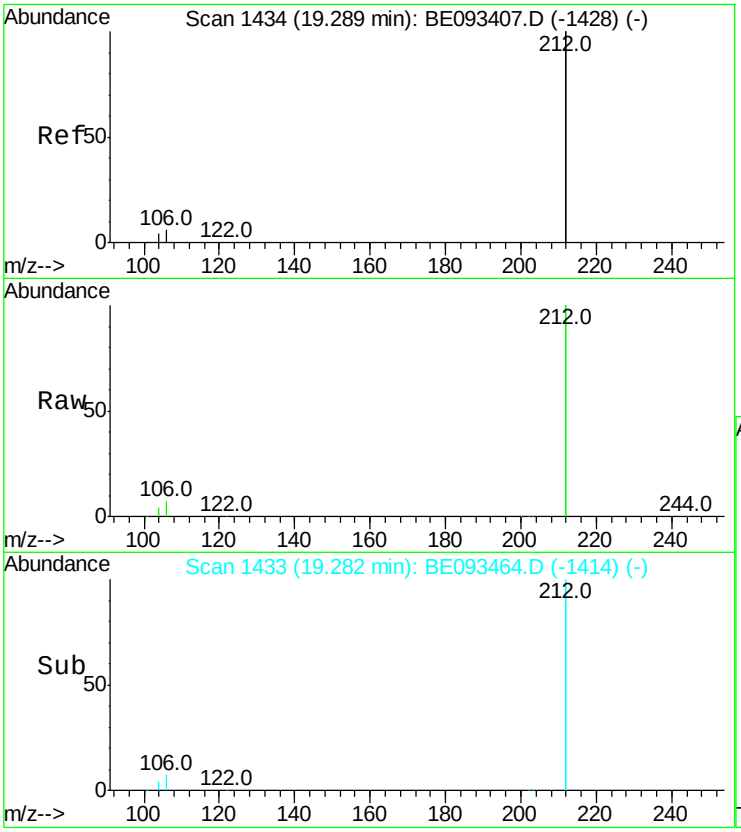


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:188 Resp: 21819

Ion	Ratio	Lower	Upper
188	100		
94	2.9	11.3	16.9#
80	2.4	11.7	17.5#



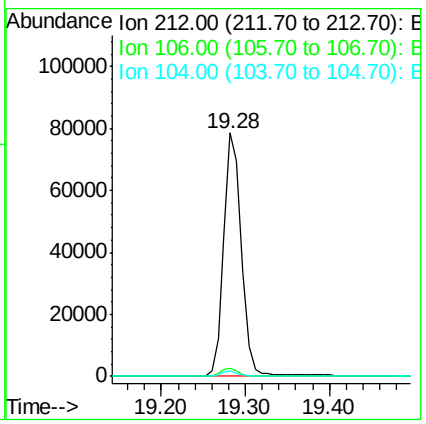


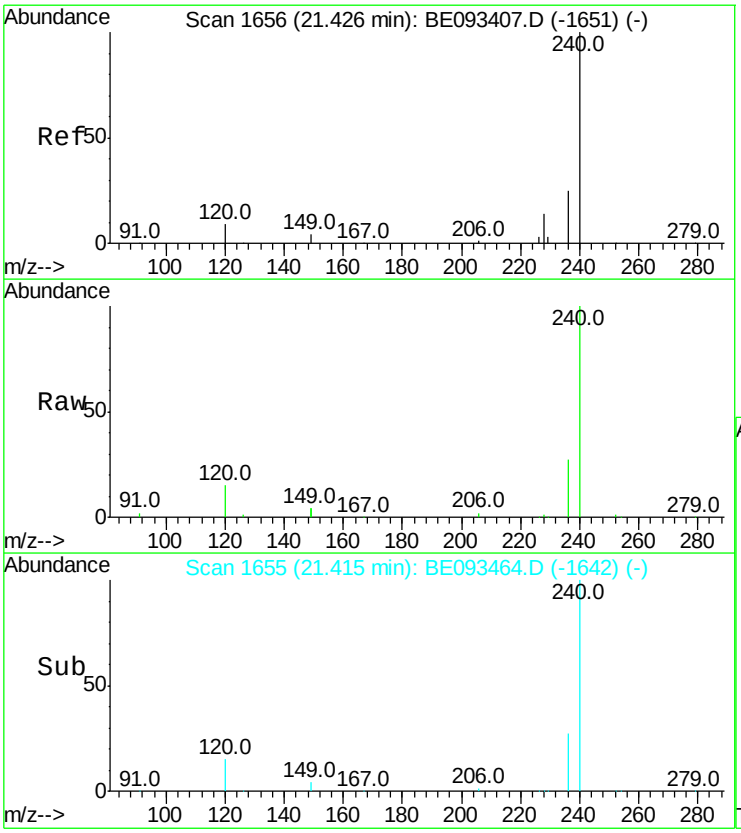
#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion:212 Resp: 113011

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4

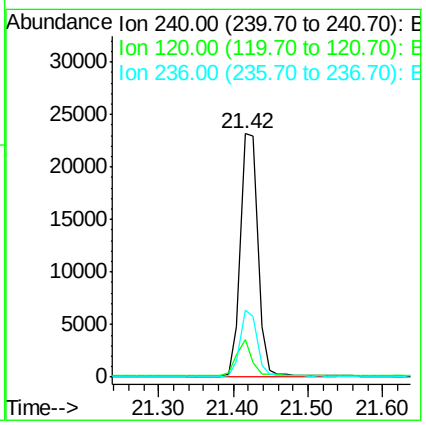


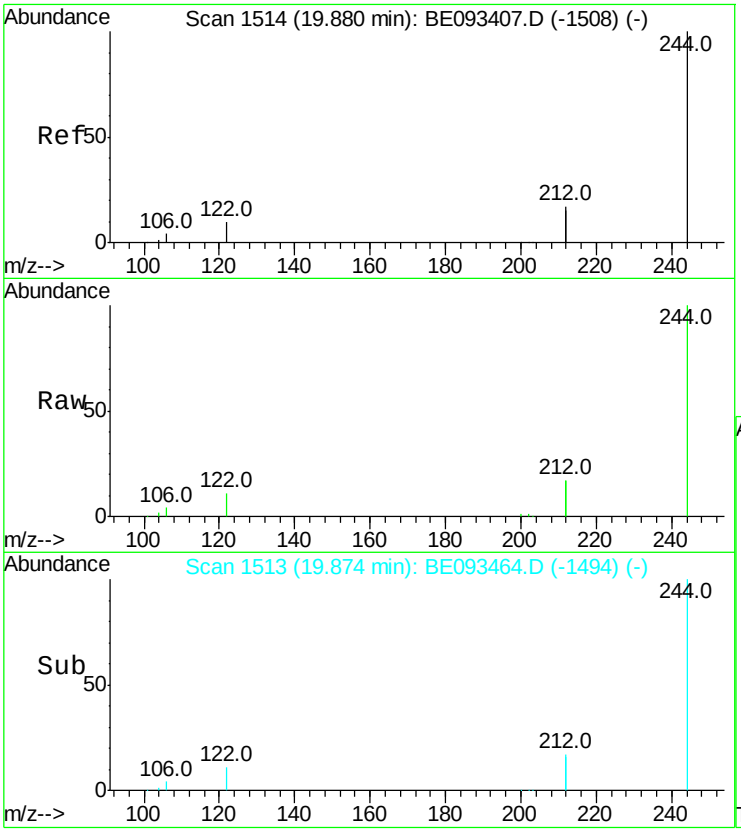


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:240 Resp: 38275

Ion	Ratio	Lower	Upper
240	100		
120	15.4	4.6	7.0#
236	27.3	20.8	31.2



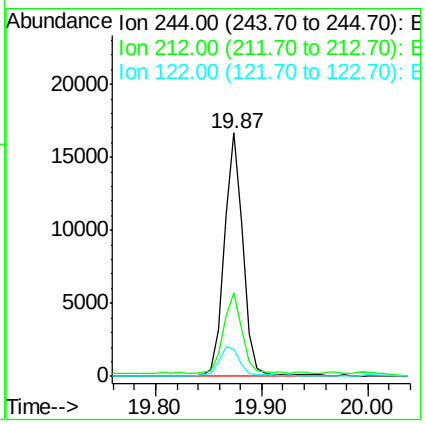


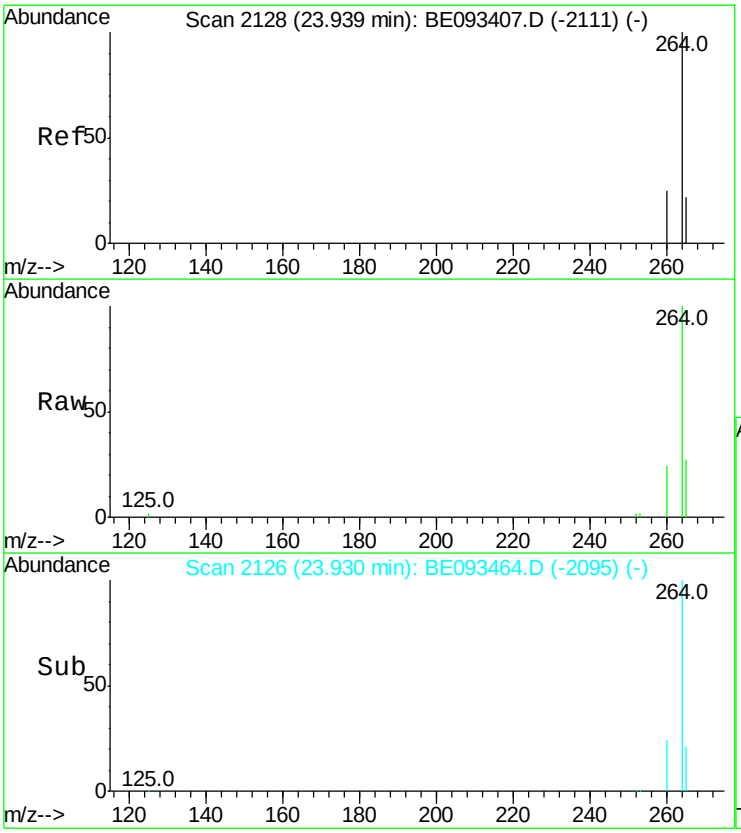
#29
Terphenyl-d14
Concen: 0.296 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Instrument :
BNA_E
ClientSampleId :
PB100626BL

Tgt Ion:244 Resp: 20256

Ion	Ratio	Lower	Upper
244	100		
212	34.4	10.6	16.0#
122	11.4	15.4	23.0#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093464.D
Acq: 14 Jul 2017 10:25

Tgt Ion:264 Resp: 33971

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.0	31.4
265	27.4	24.6	36.8