Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
Data File : BE093607.D
Acq On : 26 Jul 2017 16:37
Operator : SJ/JU
Sample : I4297-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RB-04-20170717

Quant Time: Jul 27 08:30:22 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2253	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10455	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6010	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14669	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15935	0.40	ng	-0.01
34) Perylene-d12	23.91	264	13925	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1126	0.14	ng	0.00
5) Phenol-d6	7.10	99	997	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	3070	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6063	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	348	0.16	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	10538	0.45	ng	-0.02
25) Fluoranthene-d10	19.27	212	67927	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	17259	0.60	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.30	149	4028	0.032	ng	99

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

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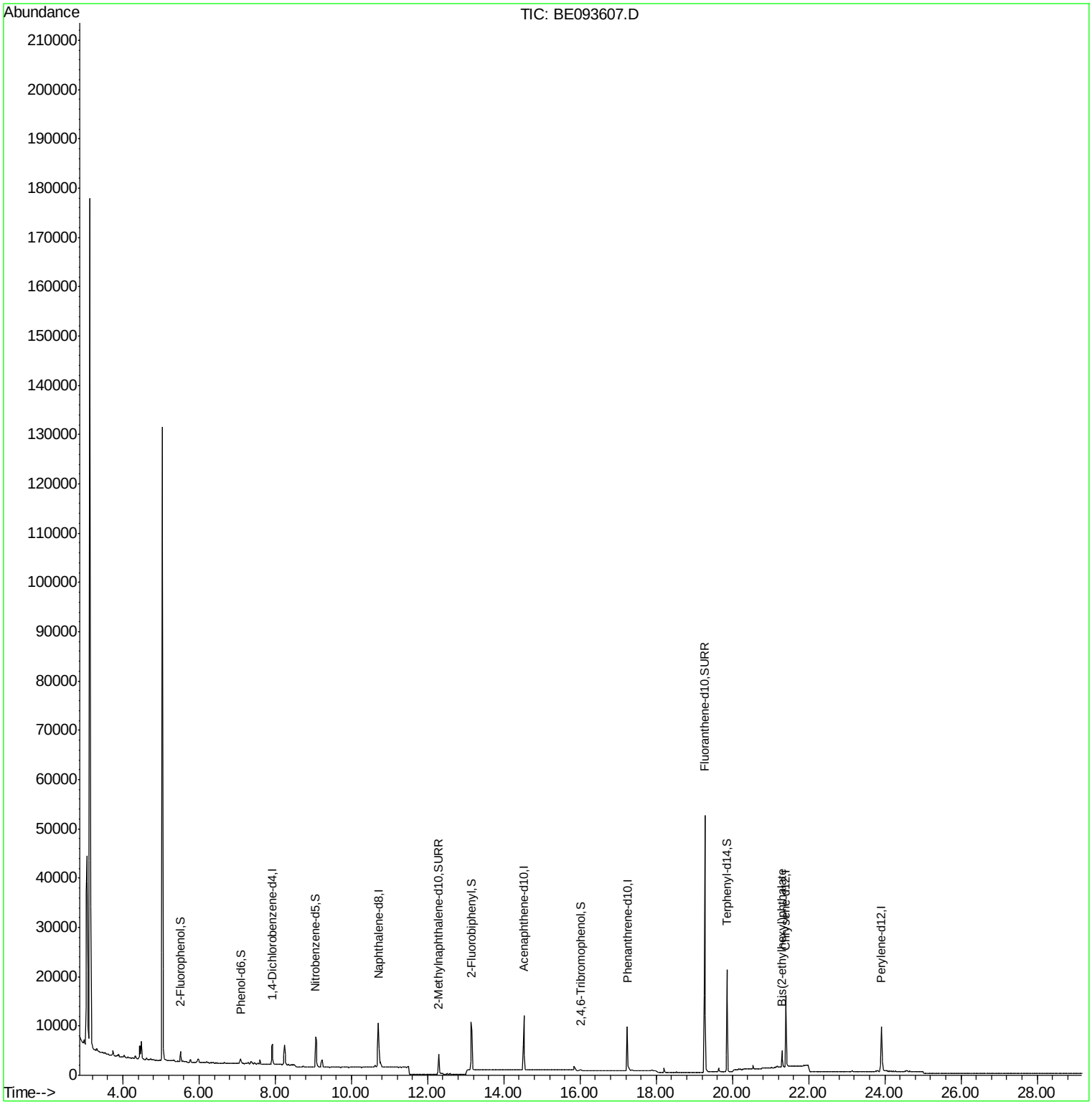
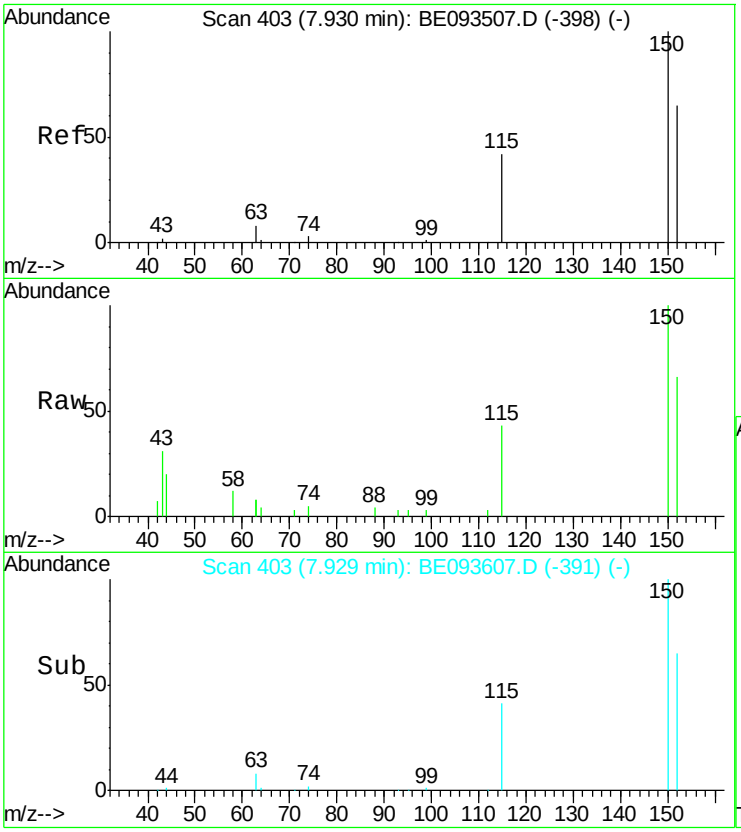


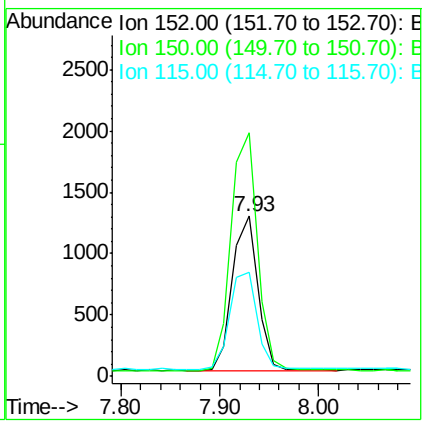


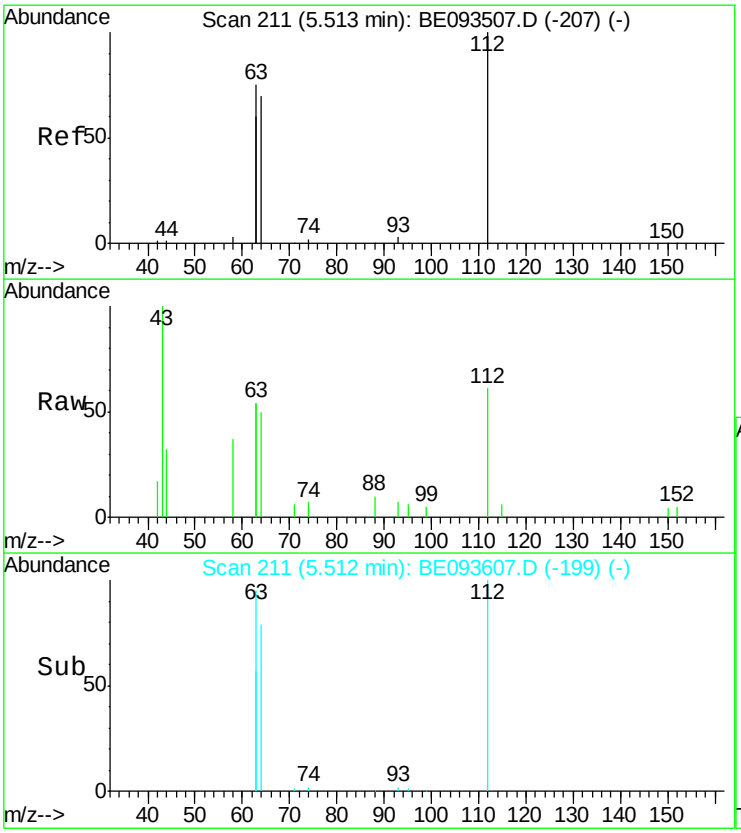
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:152 Resp: 2253

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.1	187.7
115	64.8	55.7	83.5

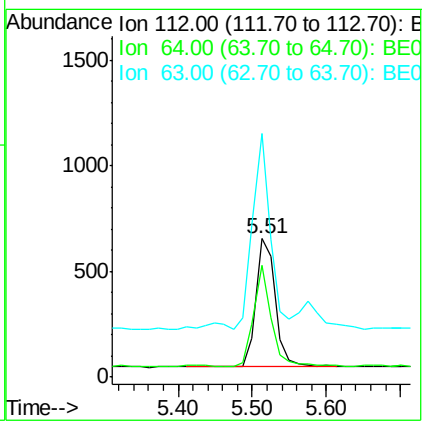


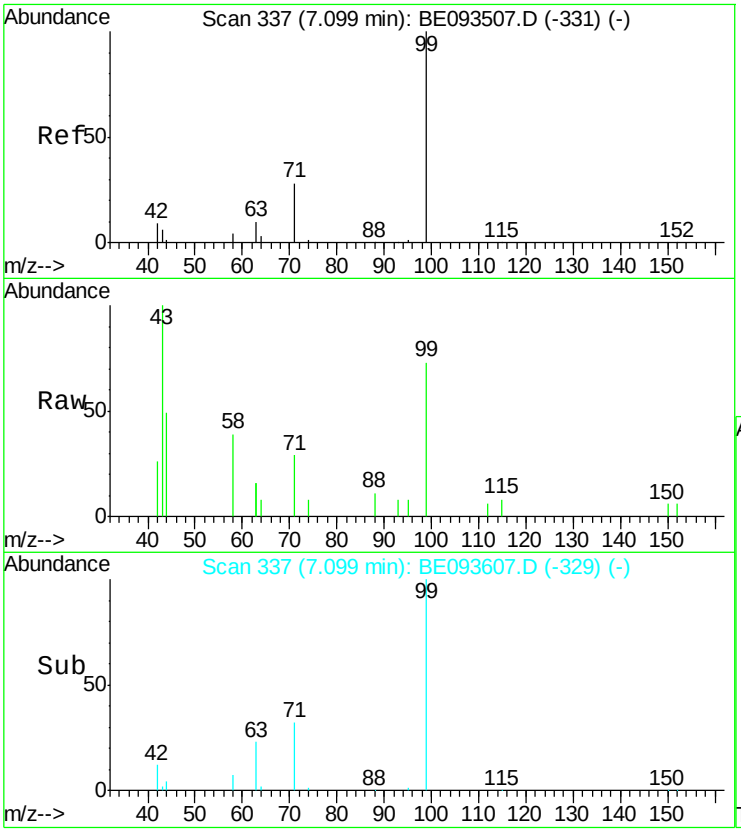


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:112 Resp: 1126

Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.4	84.6
63	136.1	29.3	43.9#



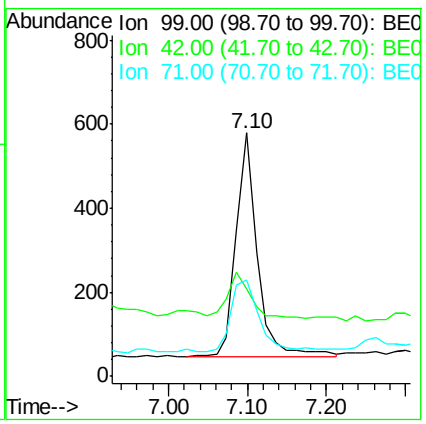


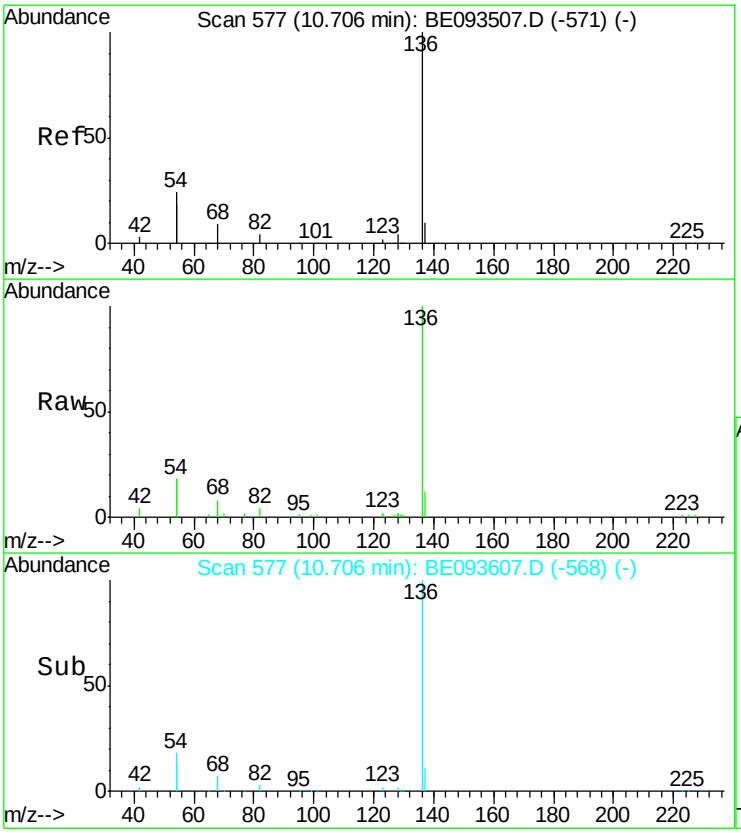
#5
Phenol-d6
Concen: 0.091 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion: 99 Resp: 997

Ion	Ratio	Lower	Upper
99	100		
42	22.2	0.0	0.0#
71	42.3	0.0	0.0#

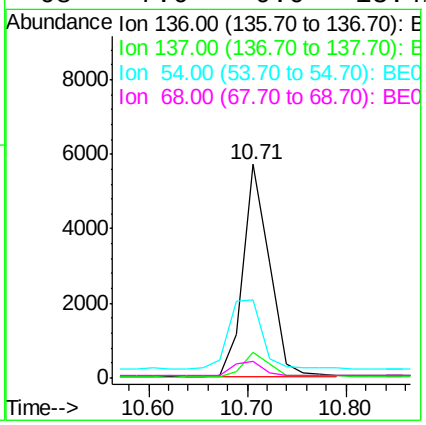


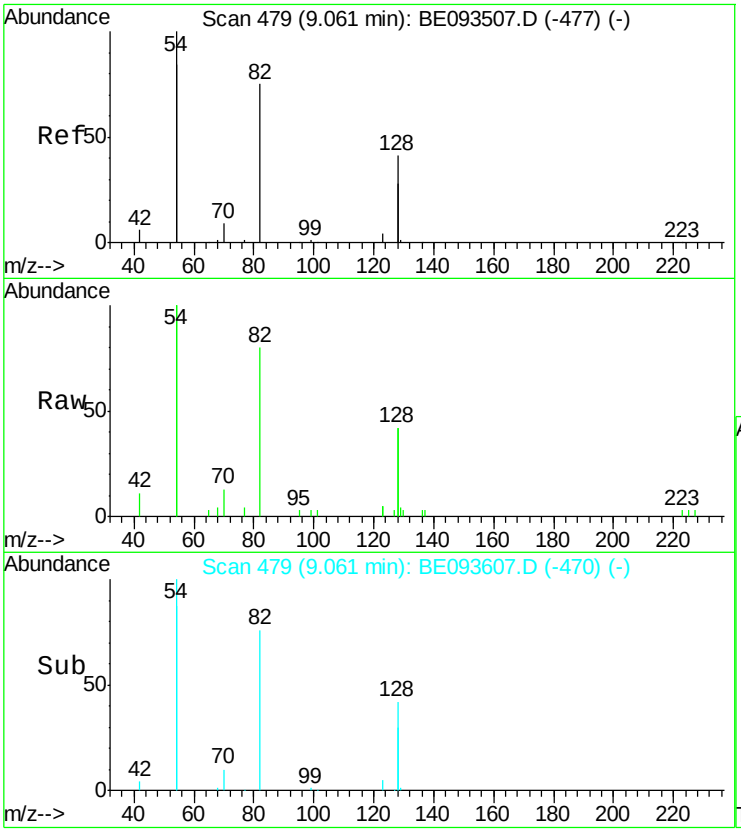


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:136 Resp: 10455

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	36.3	10.3	15.5#
68	7.6	9.0	13.4#



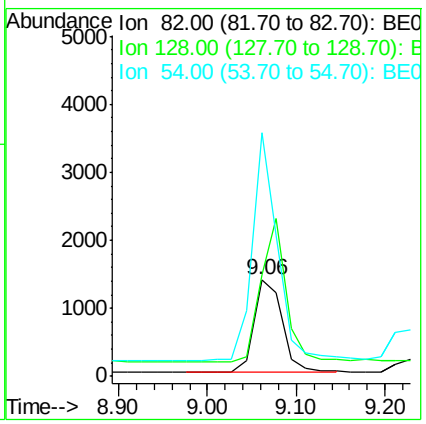


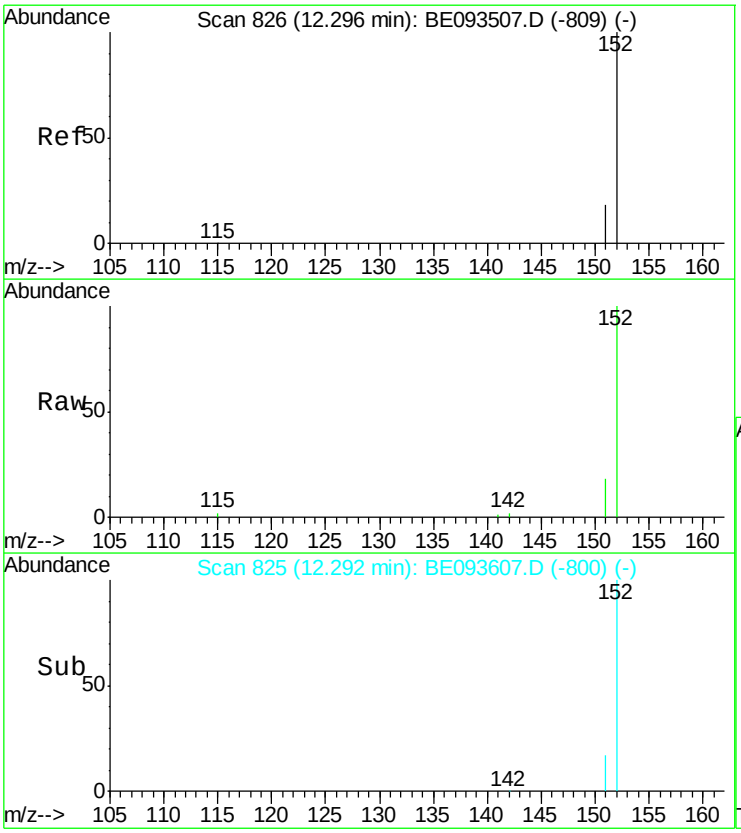
#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion: 82 Resp: 3070

Ion	Ratio	Lower	Upper
82	100		
128	104.6	17.0	25.4#
54	251.2	53.8	80.6#

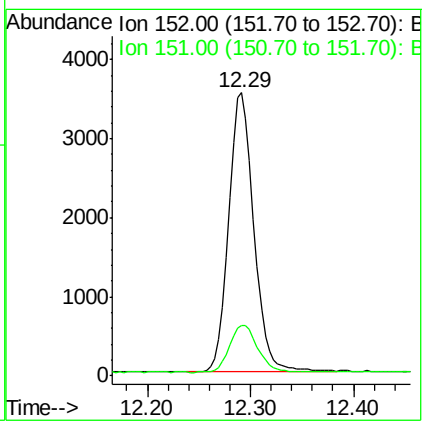


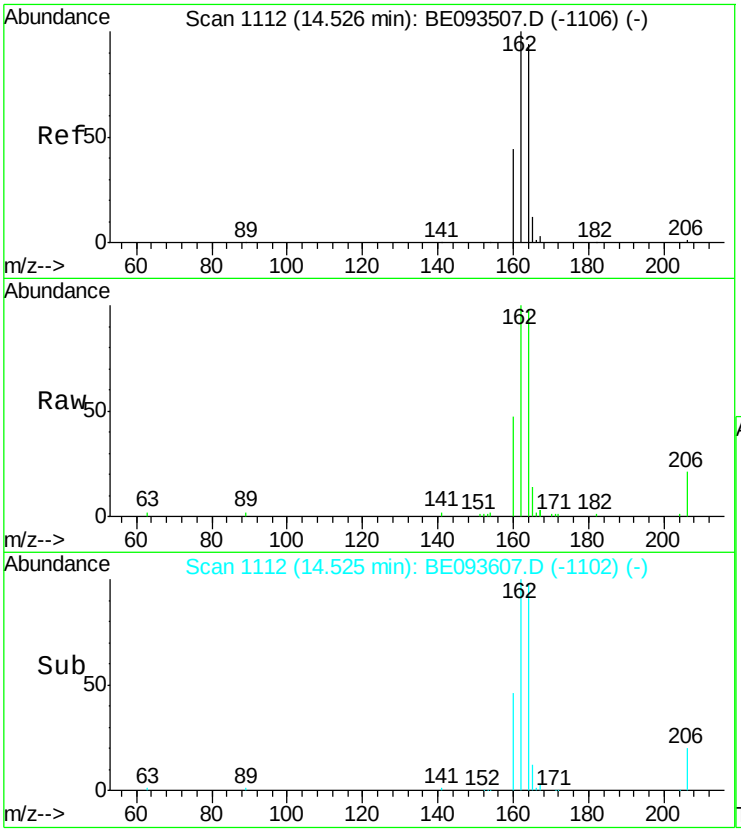


#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.29 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:152 Resp: 6063

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7



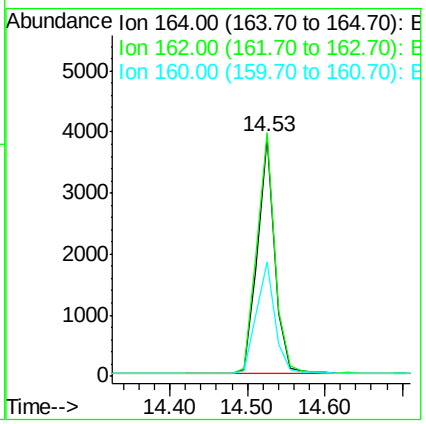


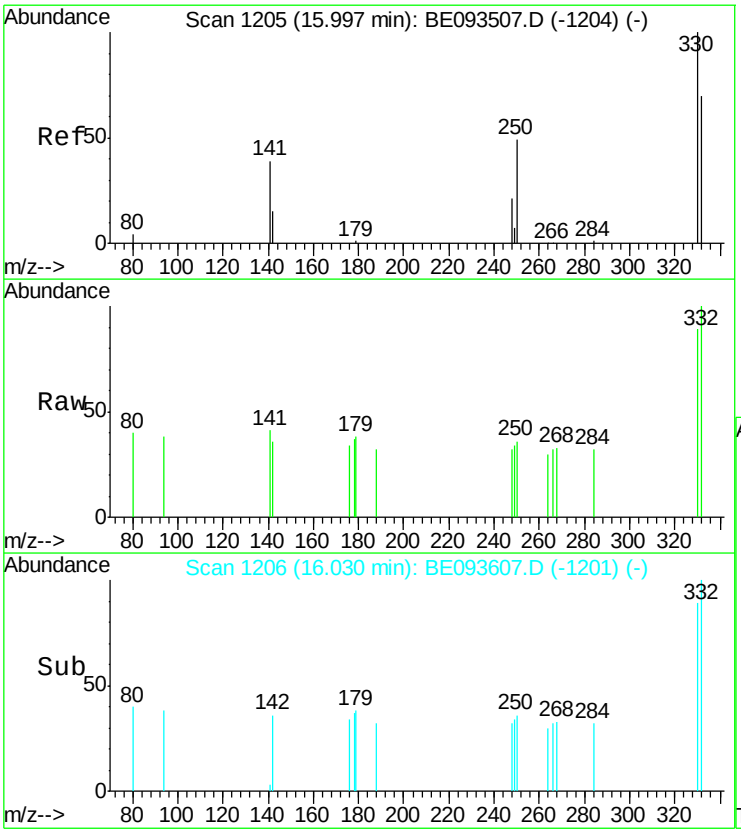
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:164 Resp: 6010

Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.6	127.0
160	47.8	41.8	62.6

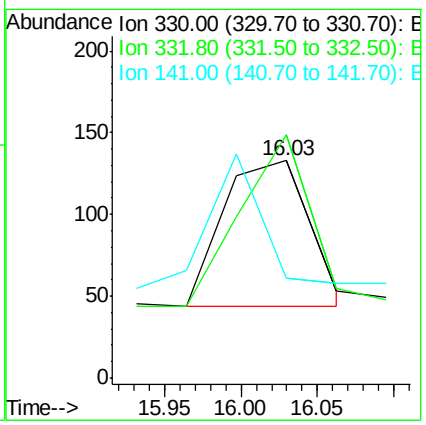


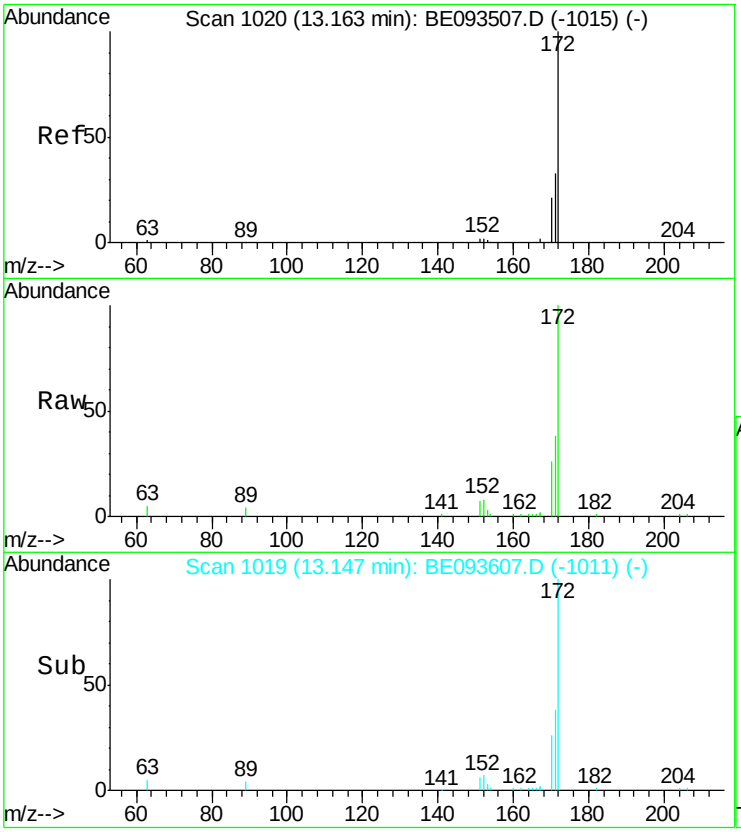


#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:330 Resp: 348

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.7	116.5
141	0.0	56.2	84.4#



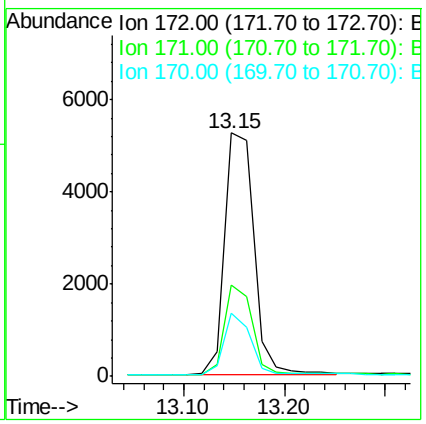


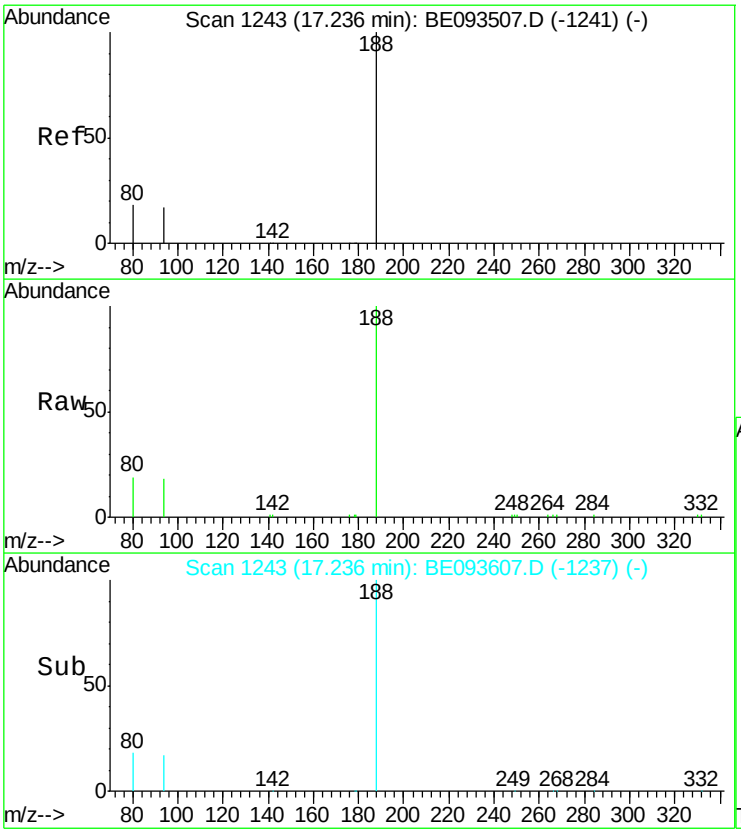
#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:172 Resp: 10538

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	26.2	20.7	31.1

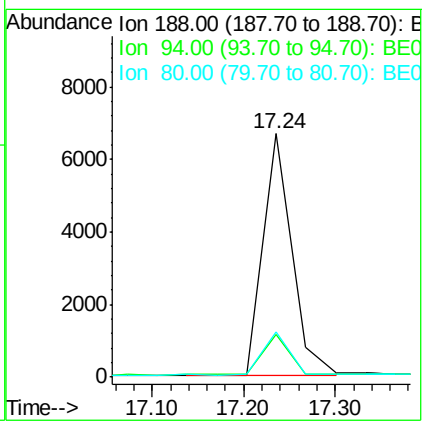


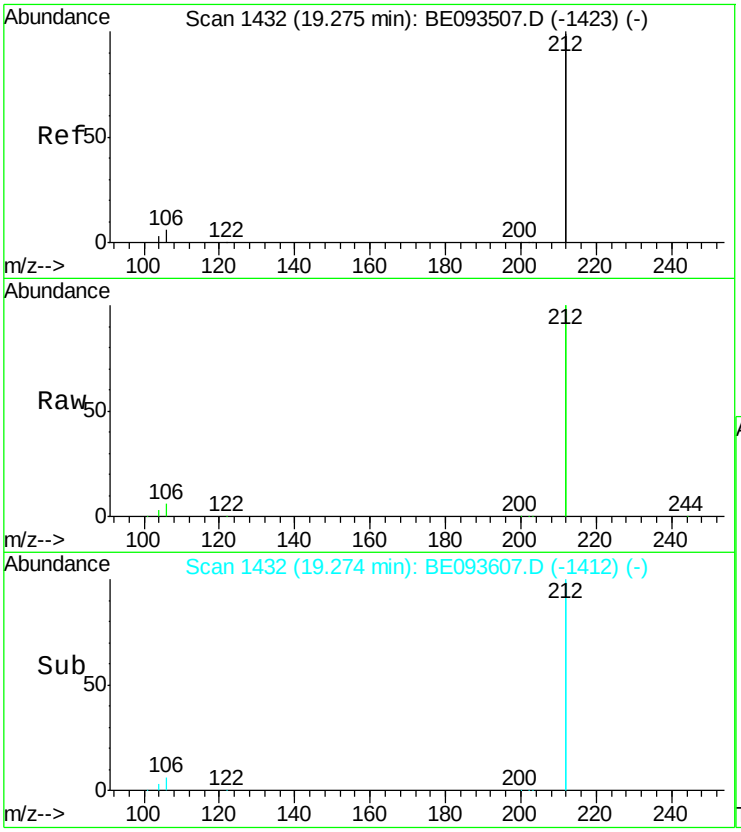


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:188 Resp: 14669

Ion	Ratio	Lower	Upper
188	100		
94	17.5	11.3	16.9#
80	18.6	11.7	17.5#



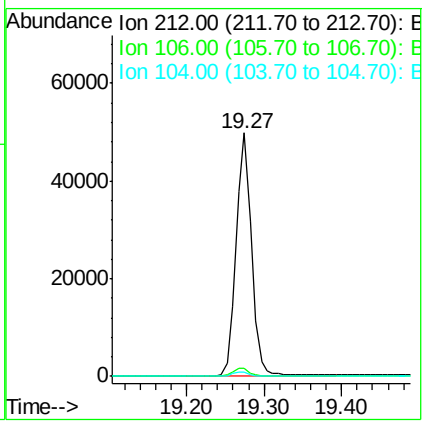


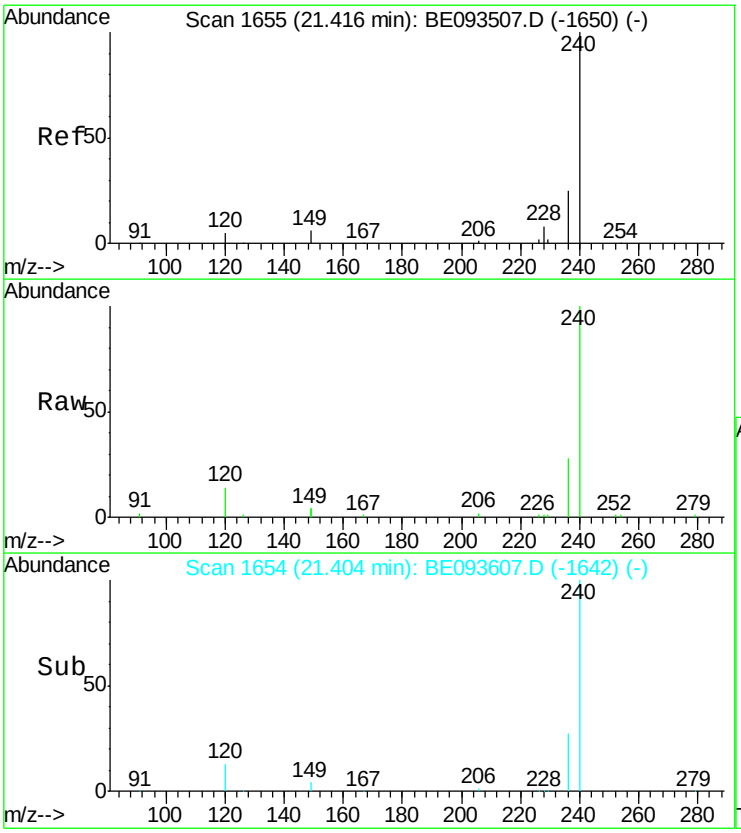
#25
Fluoranthene-d10
Concen: 0.291 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:212 Resp: 67927

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

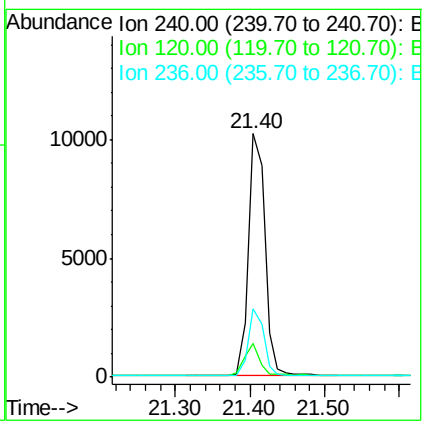


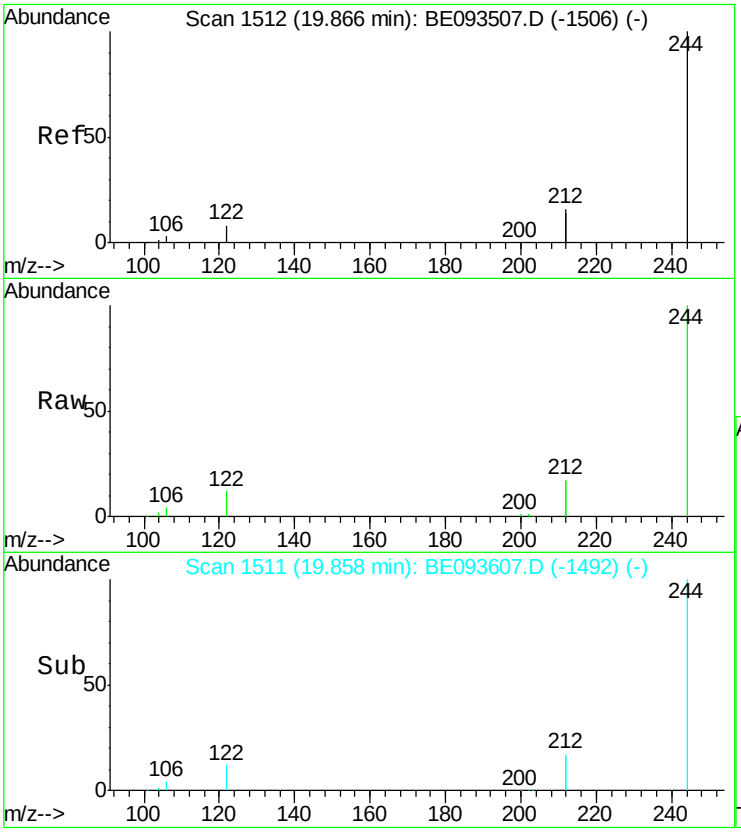


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:240 Resp: 15935

Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.6	7.0#
236	27.8	20.8	31.2



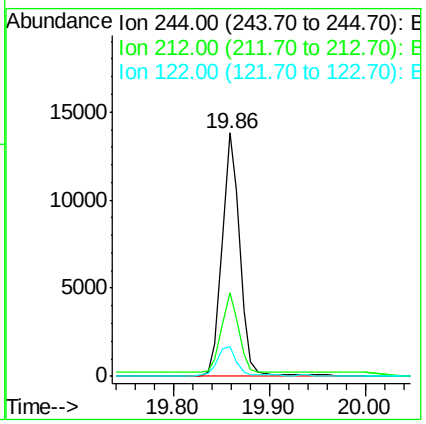


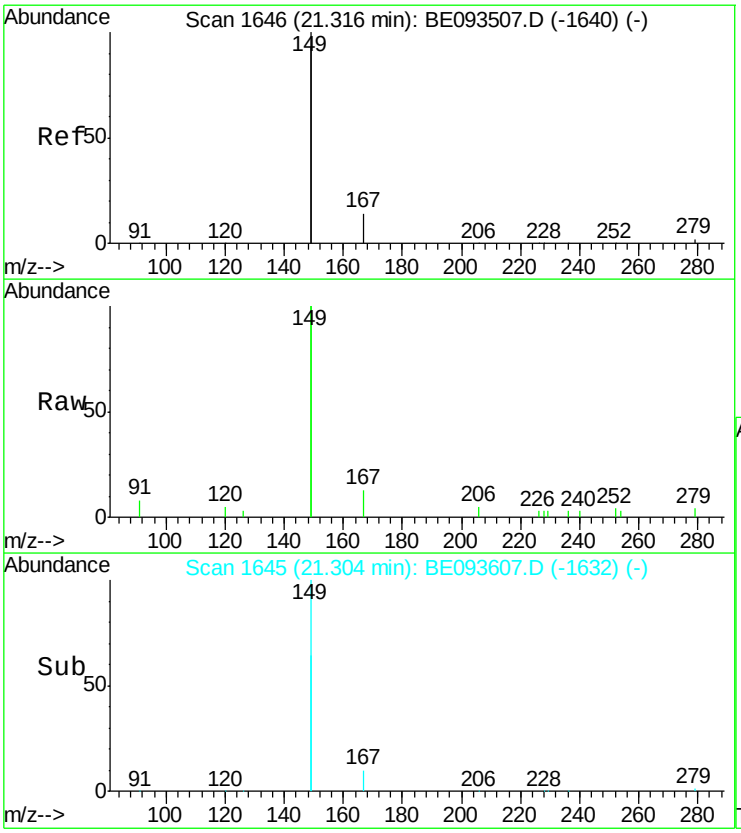
#29
Terphenyl-d14
Concen: 0.595 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:244 Resp: 17259

Ion	Ratio	Lower	Upper
244	100		
212	34.6	10.6	16.0#
122	12.0	15.4	23.0#

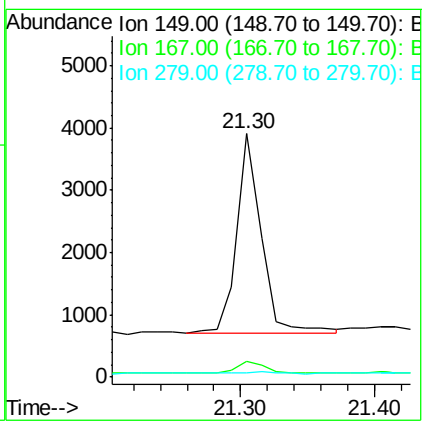


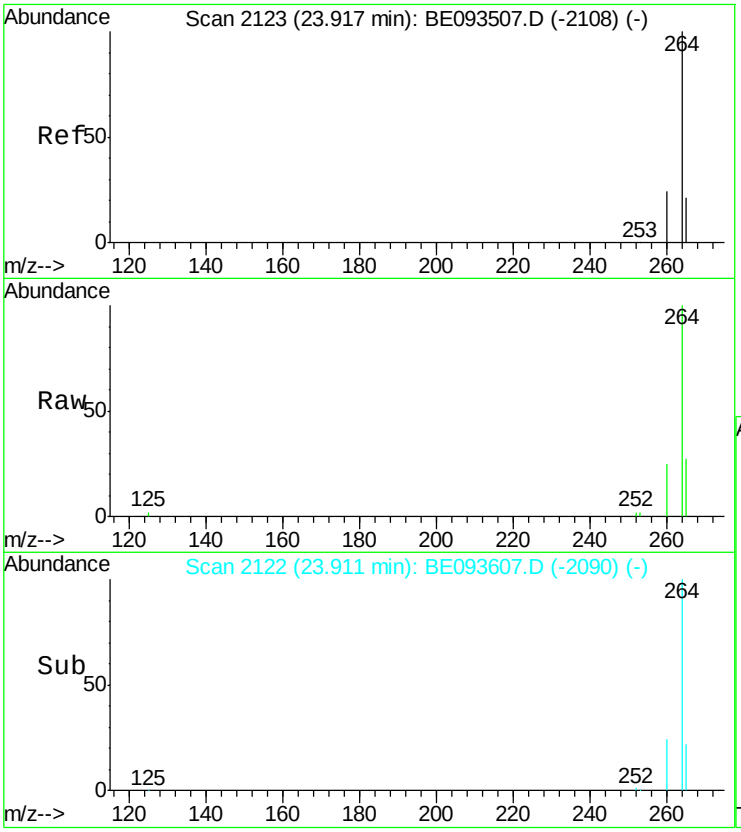


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion:149 Resp: 4028

Ion	Ratio	Lower	Upper
149	100		
167	6.3	4.8	7.2
279	1.1	0.8	1.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:264 Resp: 13925

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.0	31.4
265	26.6	24.6	36.8