Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071317\
Data File : BE093451.D
Acq On : 13 Jul 2017 9:42
Operator : SJ/JU
Sample : PB100553BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB100553BL

Quant Time: Jul 13 15:36:31 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	4726	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20799	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	11290	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28715	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39122	0.40	ng	-0.01
34) Perylene-d12	23.93	264	34692	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4635	0.32	ng	0.00
5) Phenol-d6	7.10	99	6570	0.31	ng	0.00
8) Nitrobenzene-d5	9.08	82	4361	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	9982	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	829	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	14057	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	130915	0.38	ng	0.00
29) Terphenyl-d14	19.87	244	23595	0.34	ng	0.00
Target Compounds						Qvalue

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

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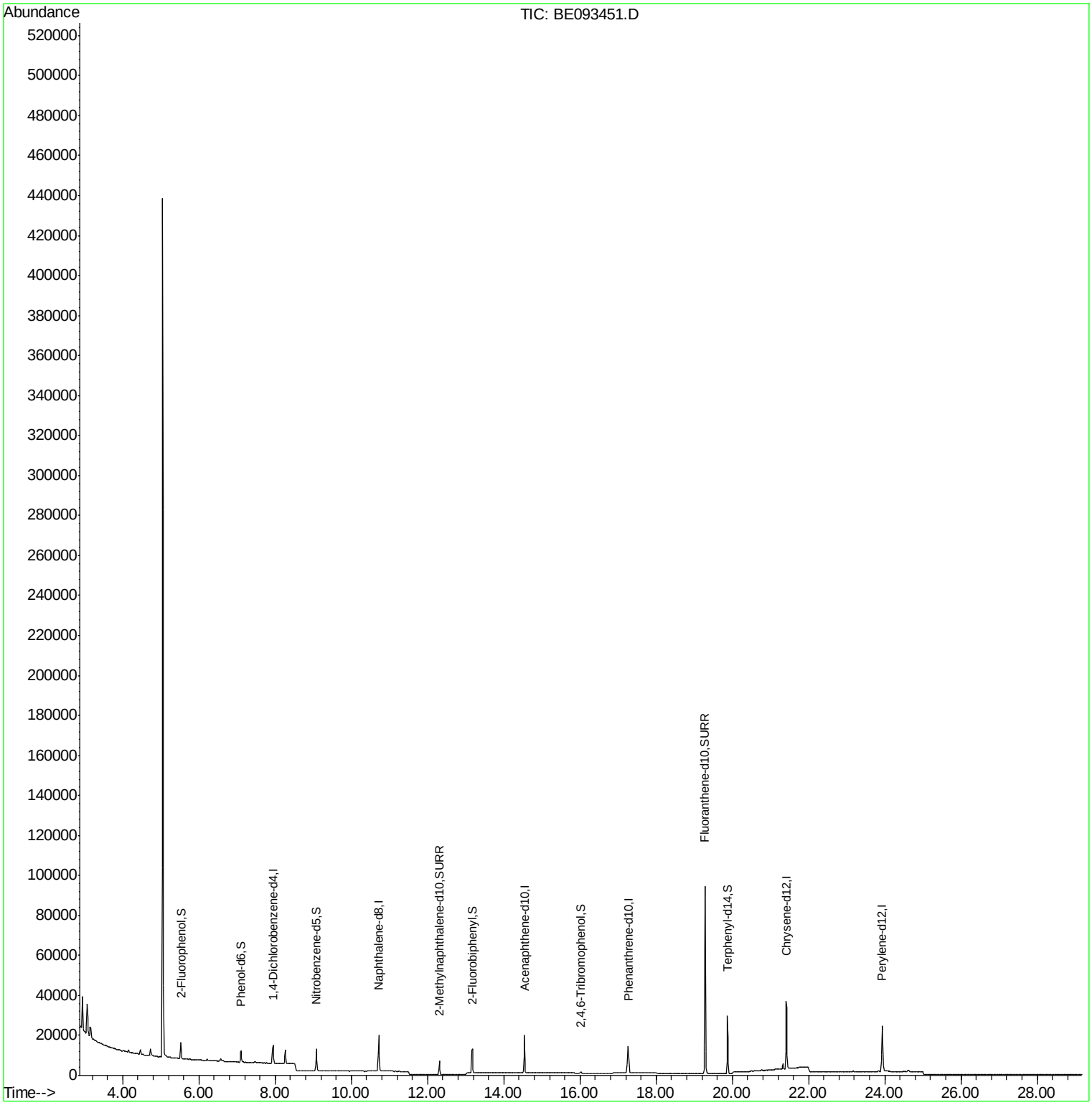
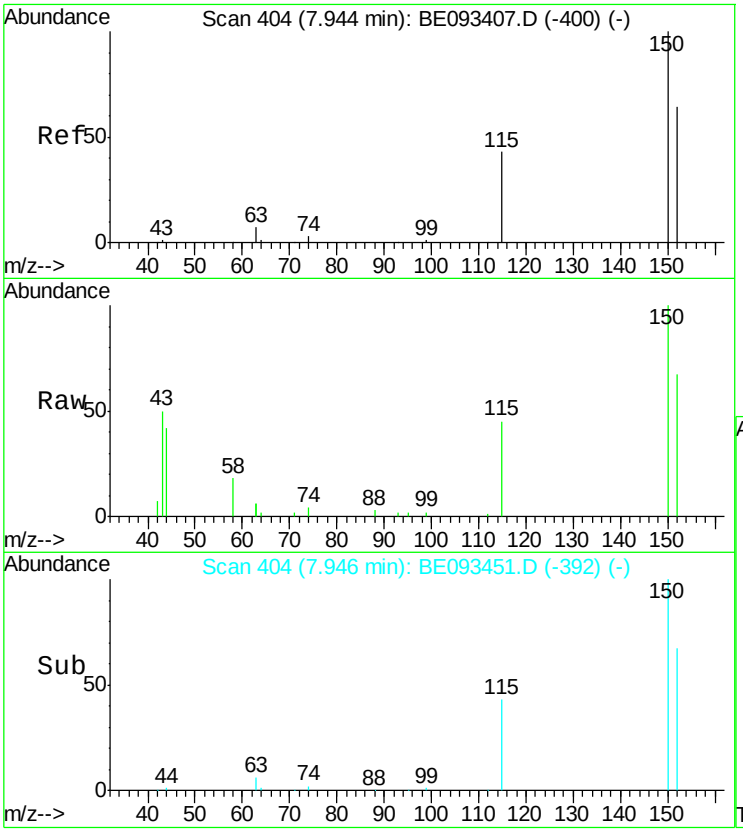


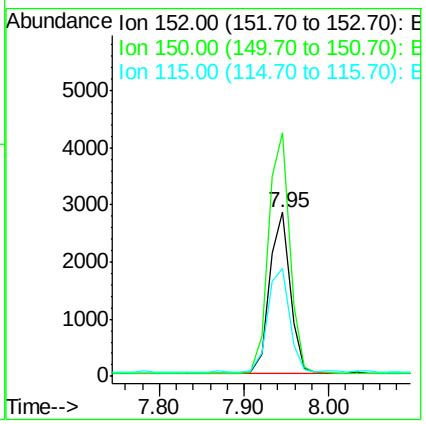


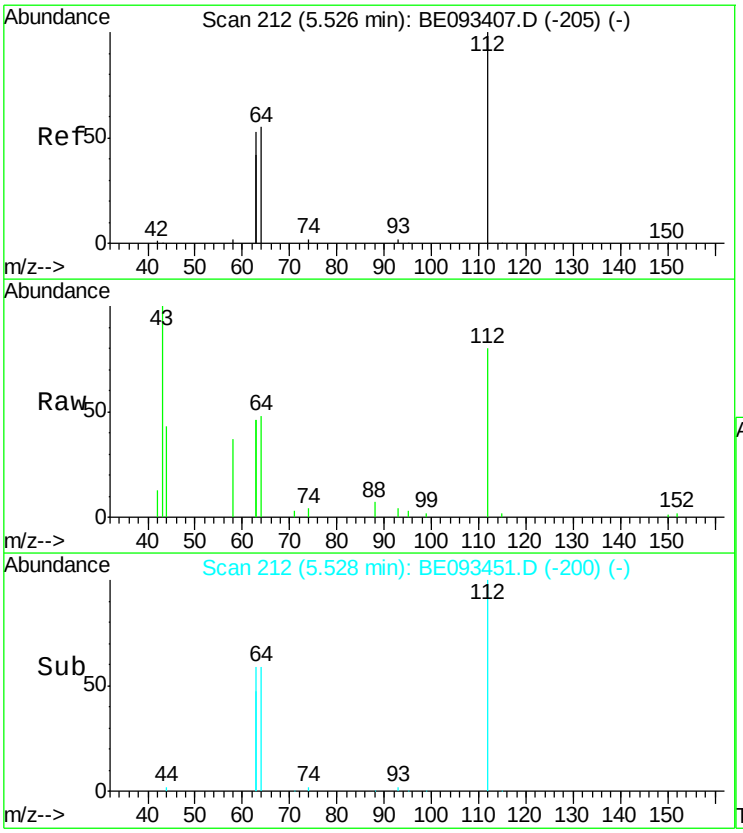
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion:152 Resp: 4726

Ion	Ratio	Lower	Upper
152	100		
150	148.6	125.1	187.7
115	66.1	55.7	83.5

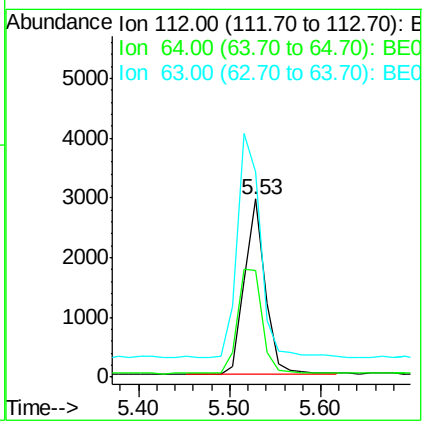


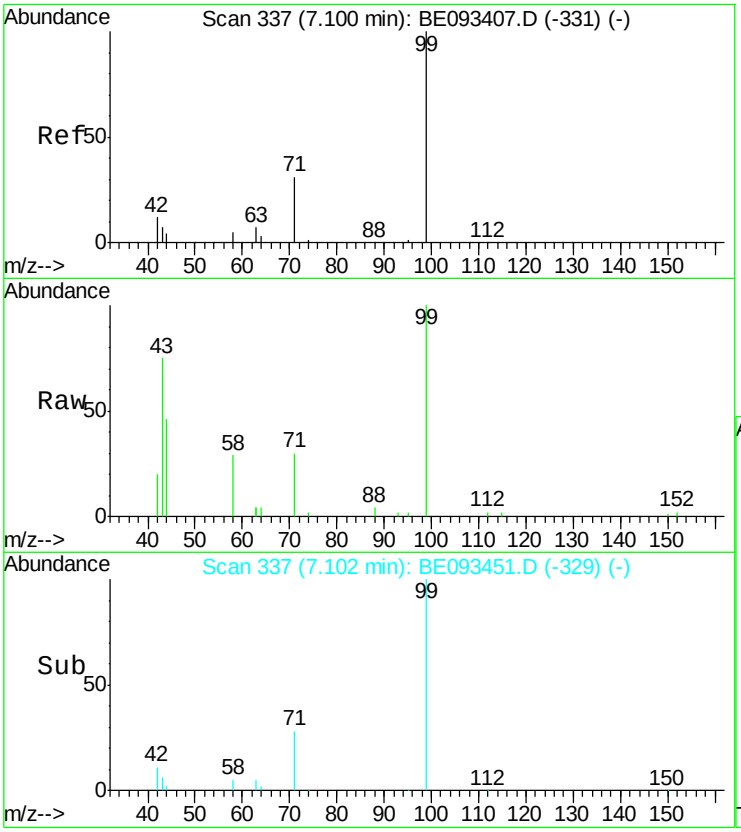


#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:112 Resp: 4635

Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.4	84.6
63	142.8	29.3	43.9#



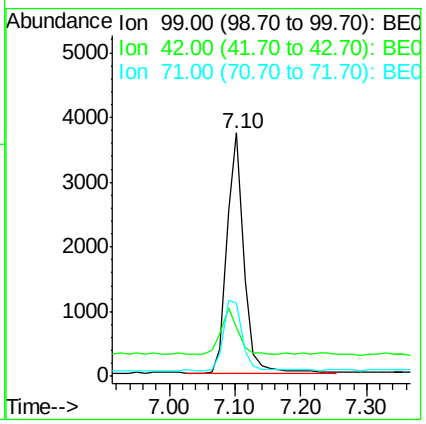


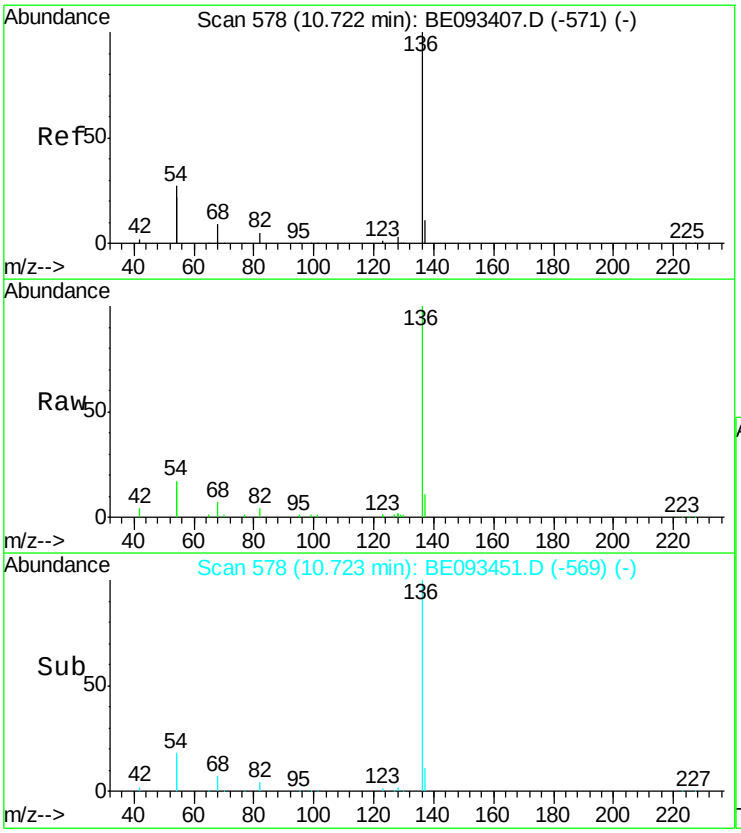
#5
Phenol-d6
Concen: 0.312 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion: 99 Resp: 6570

Ion	Ratio	Lower	Upper
99	100		
42	19.2	0.0	0.0#
71	34.1	0.0	0.0#

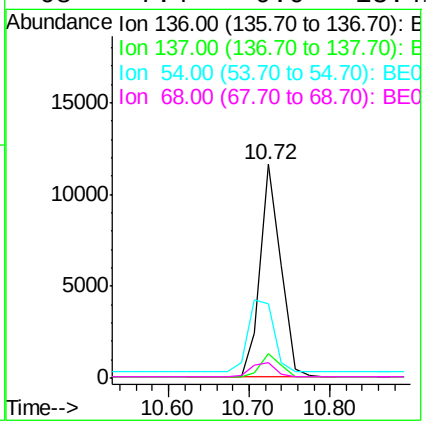


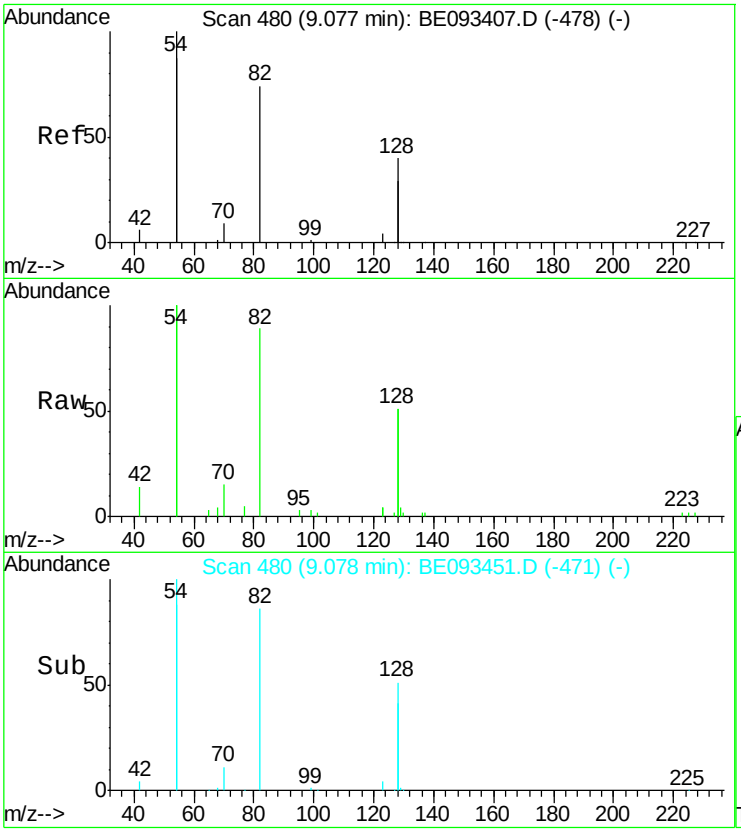


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:136 Resp: 20799

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	35.0	10.3	15.5#
68	7.4	9.0	13.4#



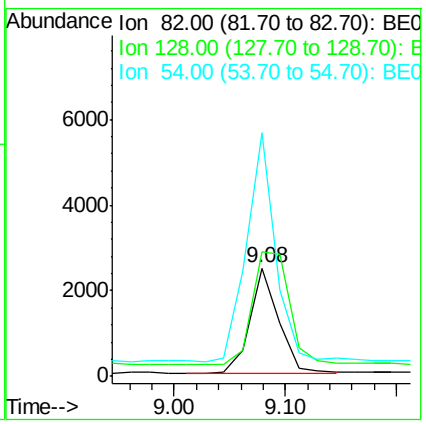


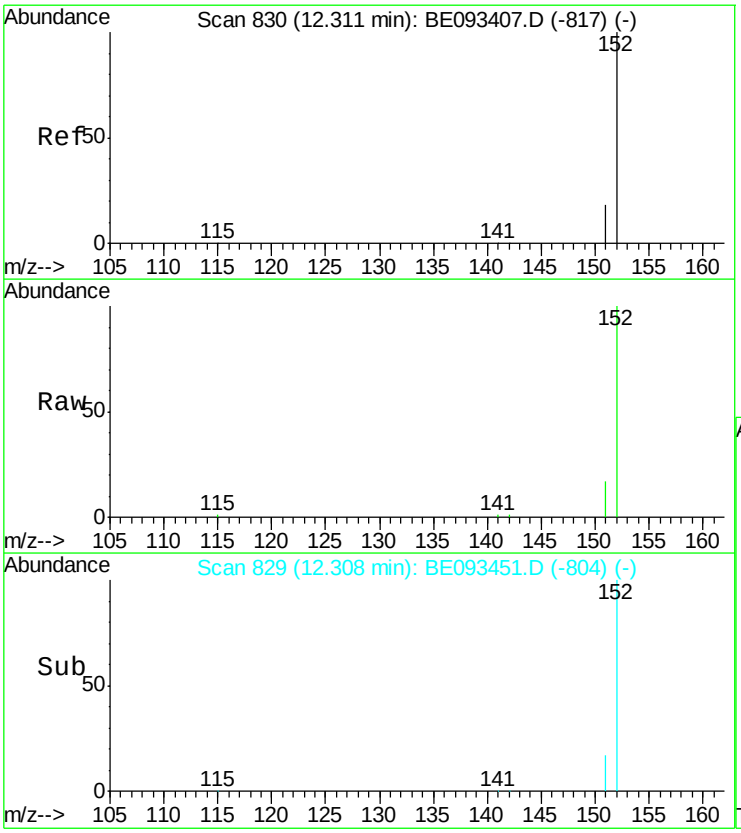
#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion: 82 Resp: 4361

Ion	Ratio	Lower	Upper
82	100		
128	115.1	17.0	25.4#
54	224.6	53.8	80.6#

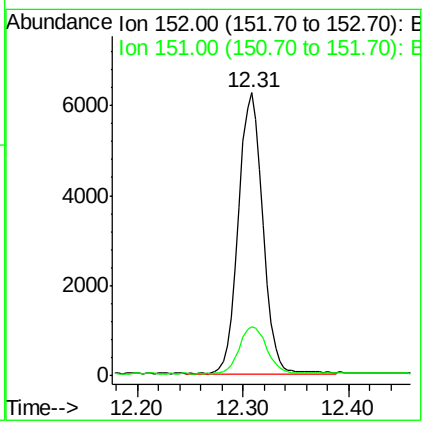


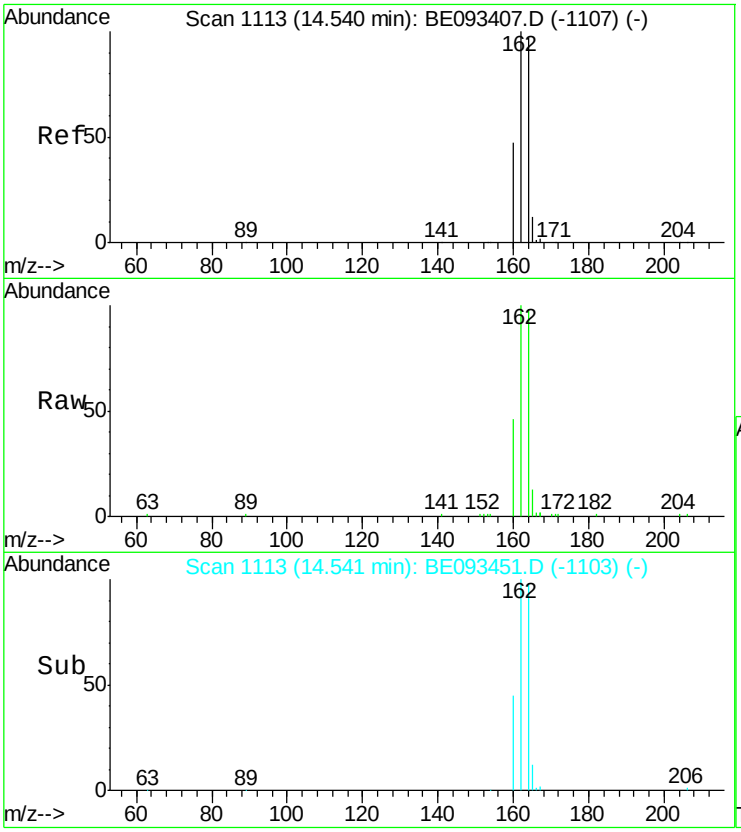


#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:152 Resp: 9982

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7



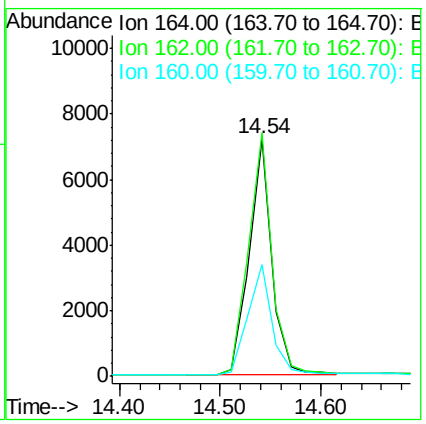


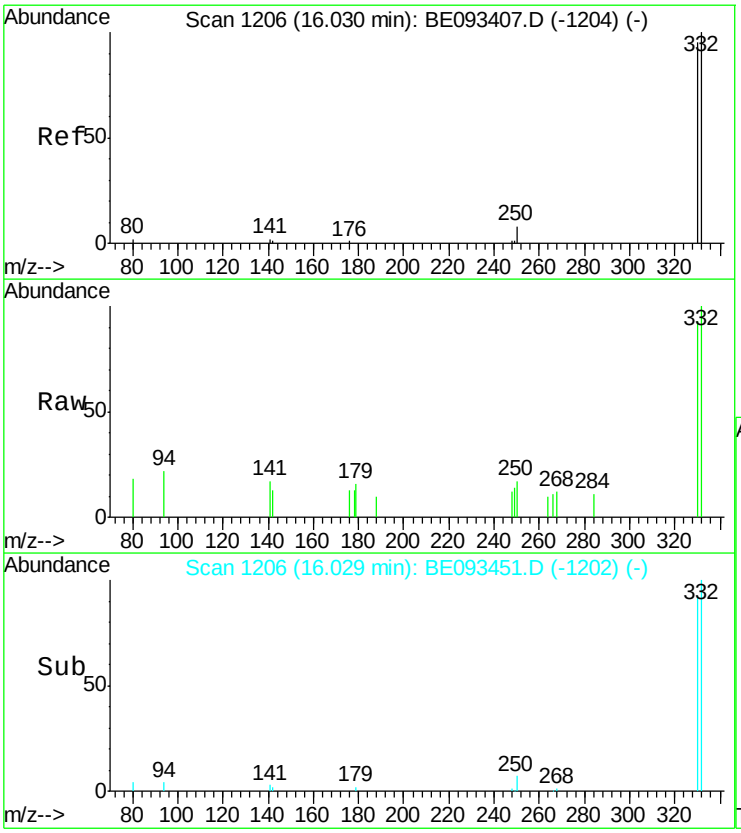
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion:164 Resp: 11290

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.6	127.0
160	46.7	41.8	62.6

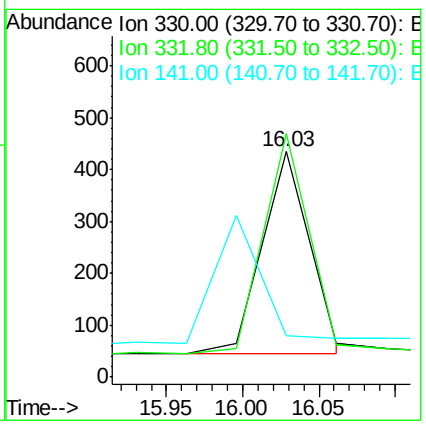


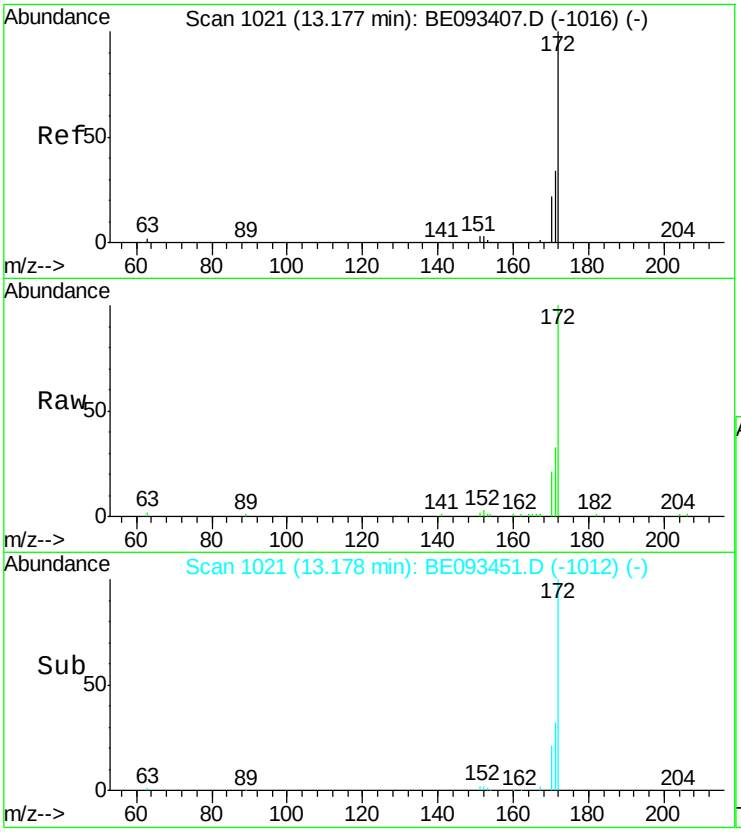


#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:330 Resp: 829

Ion	Ratio	Lower	Upper
330	100		
332	105.7	77.7	116.5
141	0.0	56.2	84.4#



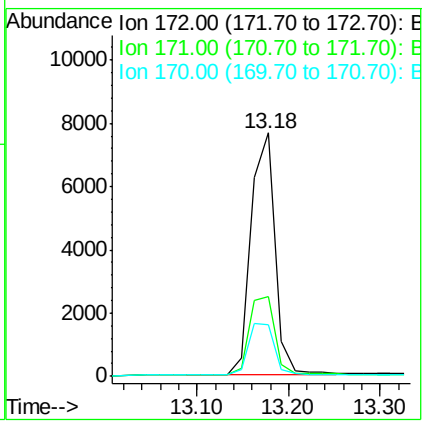


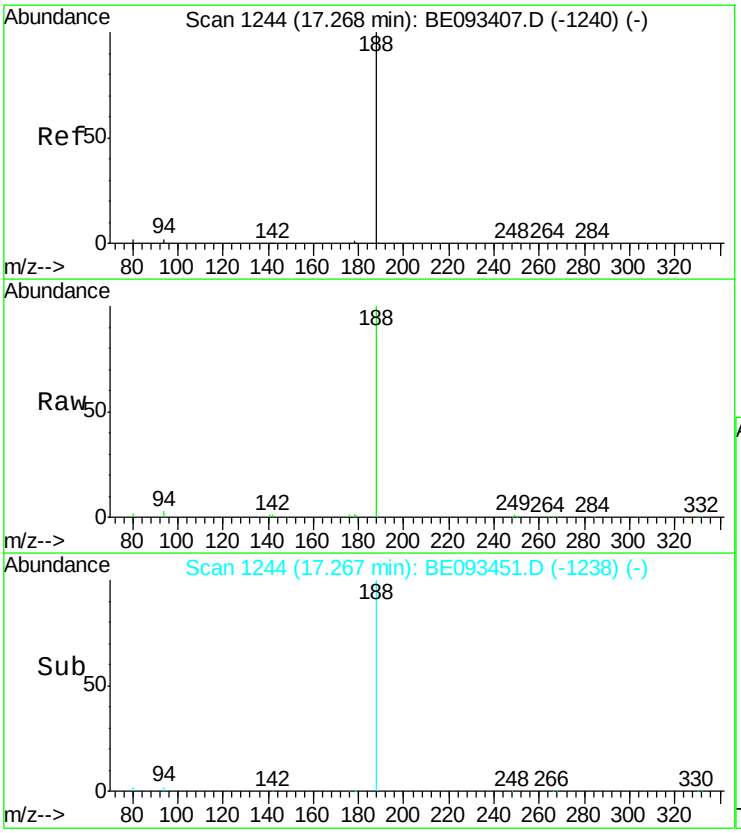
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion:172 Resp: 14057

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.8	44.6
170	21.2	20.7	31.1

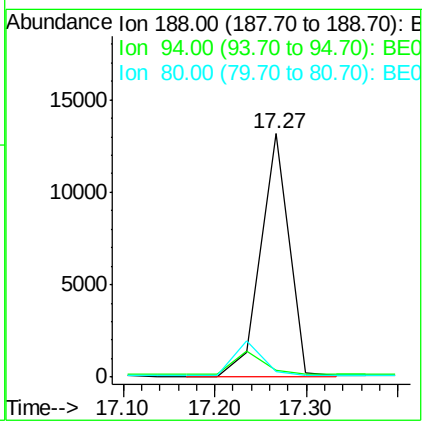


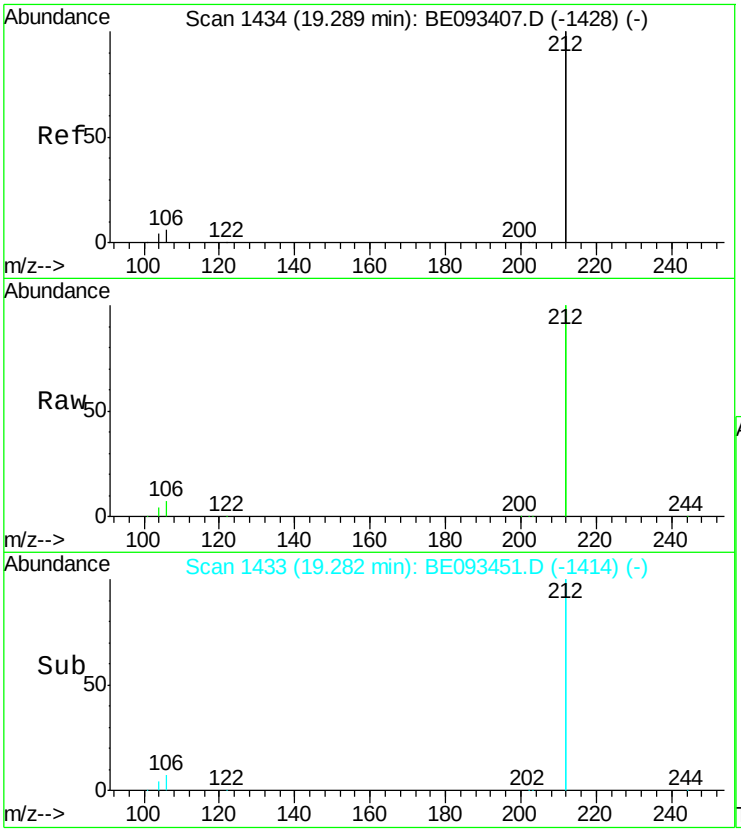


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:188 Resp: 28715

Ion	Ratio	Lower	Upper
188	100		
94	3.0	11.3	16.9#
80	2.3	11.7	17.5#



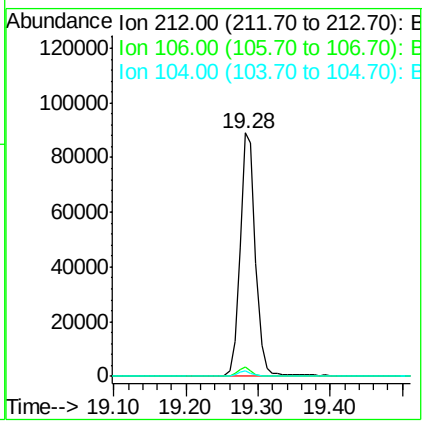


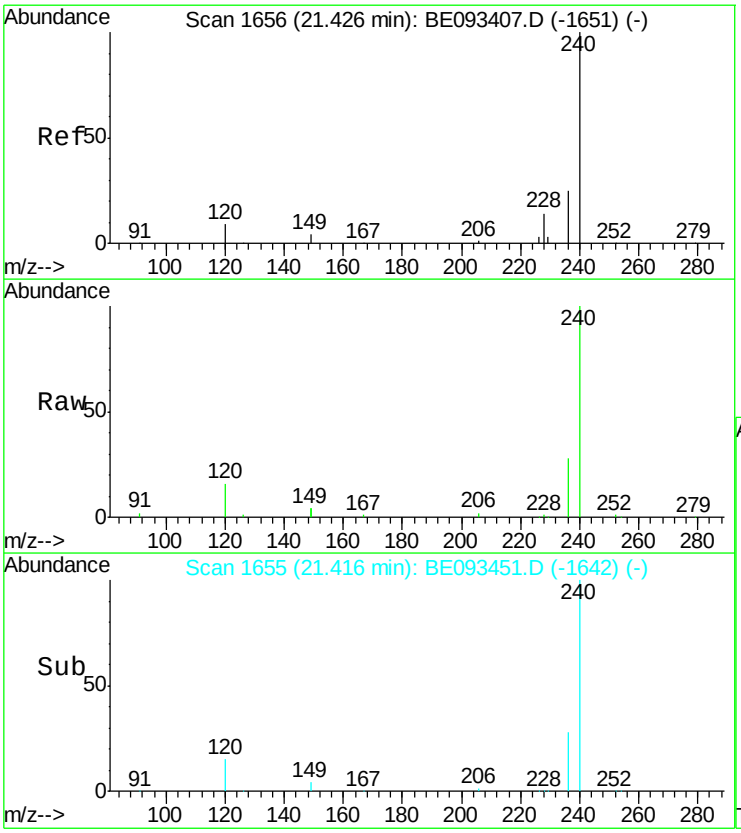
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion:212 Resp: 130915

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

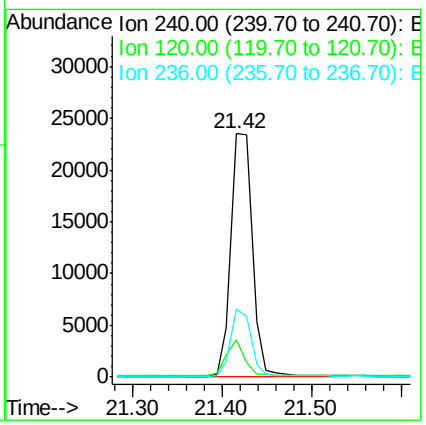


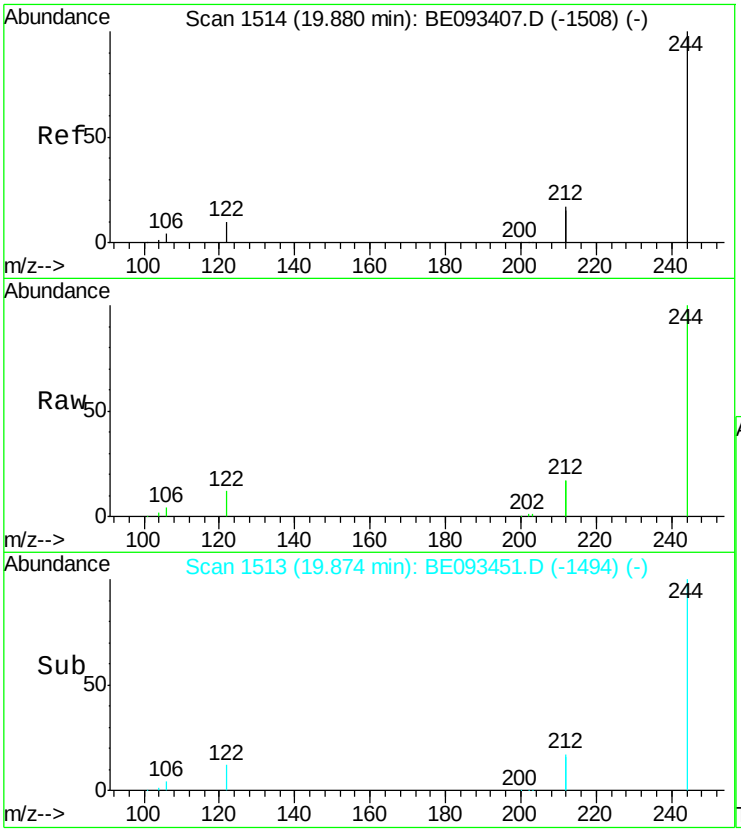


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:240 Resp: 39122

Ion	Ratio	Lower	Upper
240	100		
120	15.6	4.6	7.0#
236	28.1	20.8	31.2



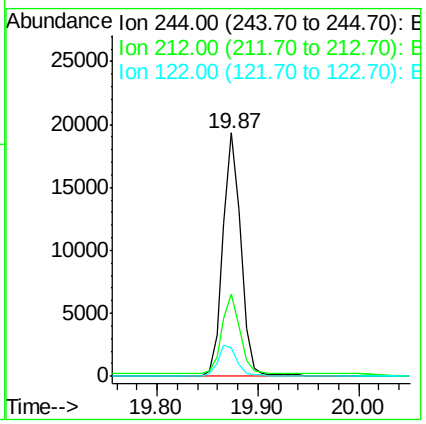


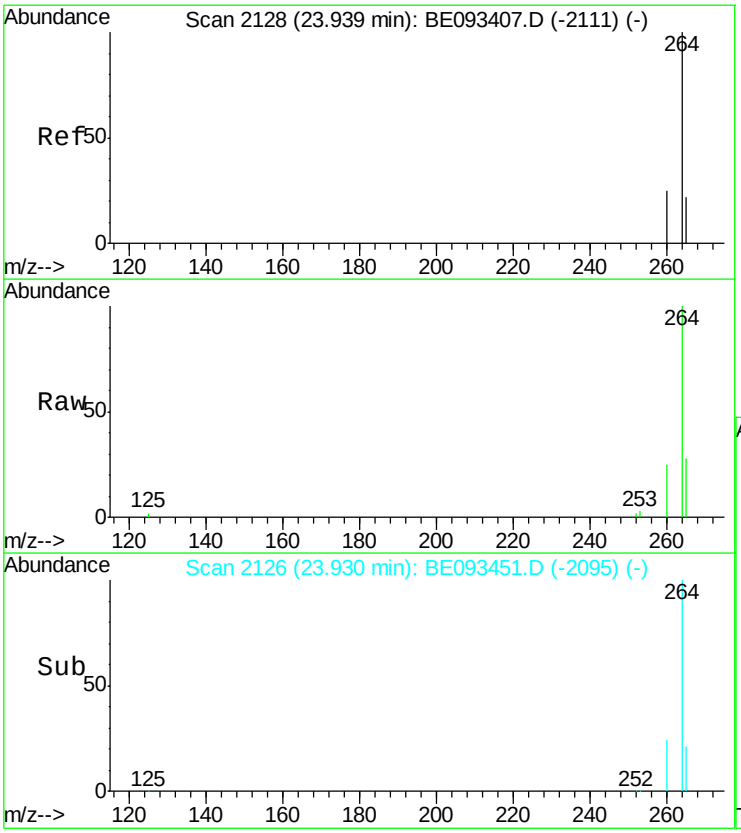
#29
Terphenyl-d14
Concen: 0.338 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093451.D
Acq: 13 Jul 2017 9:42

Instrument :
BNA_E
ClientSampleId :
PB100553BL

Tgt Ion:244 Resp: 23595

Ion	Ratio	Lower	Upper
244	100		
212	33.7	10.6	16.0#
122	12.0	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: BE093451.D
Acq: 13 Jul 2017 9:42

Tgt Ion:264 Resp: 34692

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.0	31.4
265	27.6	24.6	36.8