Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042717\
Data File : BE092914.D
Acq On : 27 Apr 2017 14:49
Operator : SJ/MA
Sample : PB98517BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB98517BL

Quant Time: Apr 28 04:10:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	797	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3148	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1263	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2905	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2479	0.40	ng	0.00
33) Perylene-d12	23.69	264	2149	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	537	0.31	ng	0.00
5) Phenol-d6	6.94	99	714	0.30	ng	0.00
8) Nitrobenzene-d5	8.90	82	534	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1478	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	48	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	1773	0.31	ng	0.00
24) Fluoranthene-d10	19.15	212	2179	0.31	ng	0.00
28) Terphenyl-d14	19.73	244	1402	0.33	ng	0.00
Target Compounds						Qvalue

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

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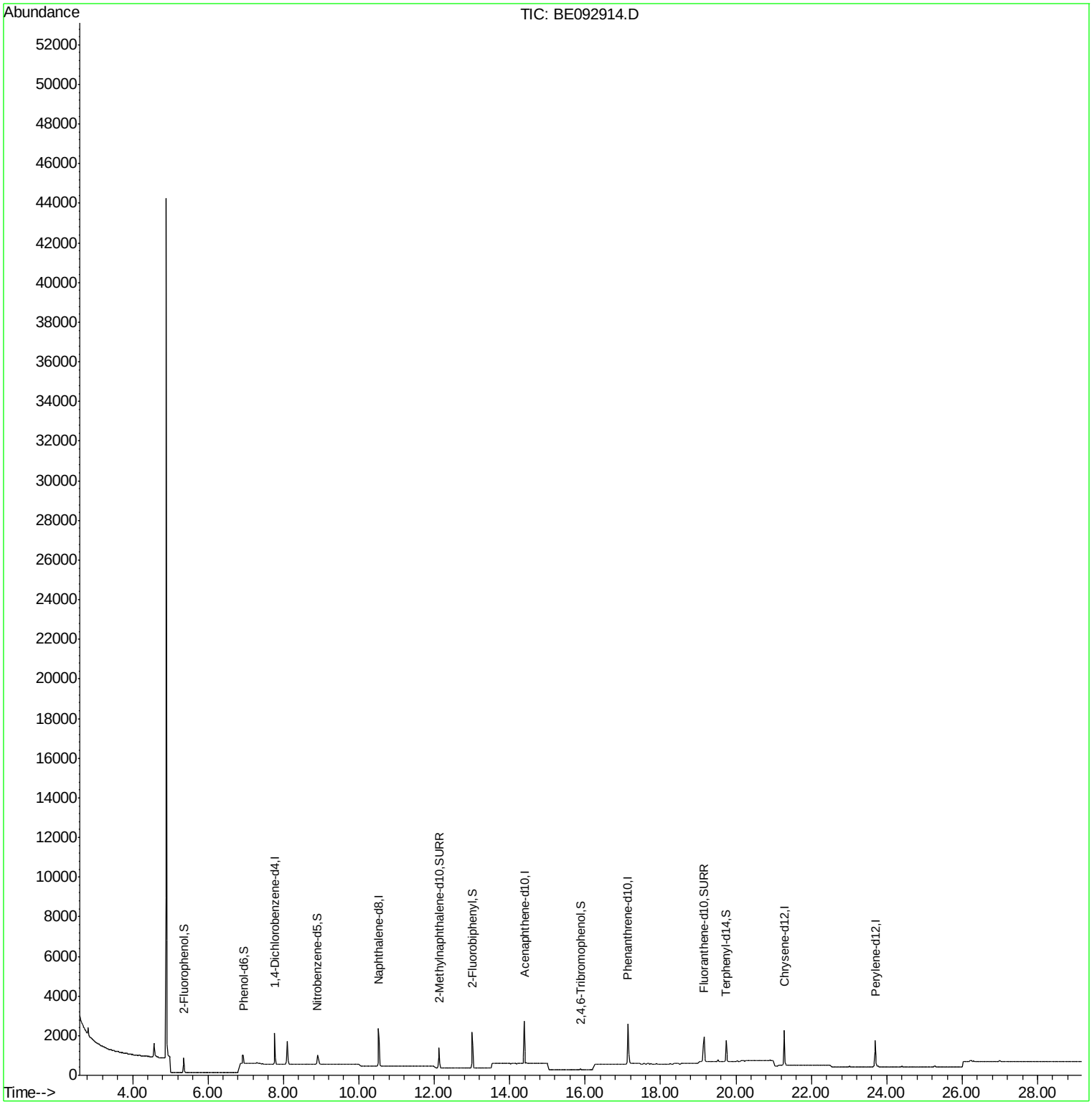
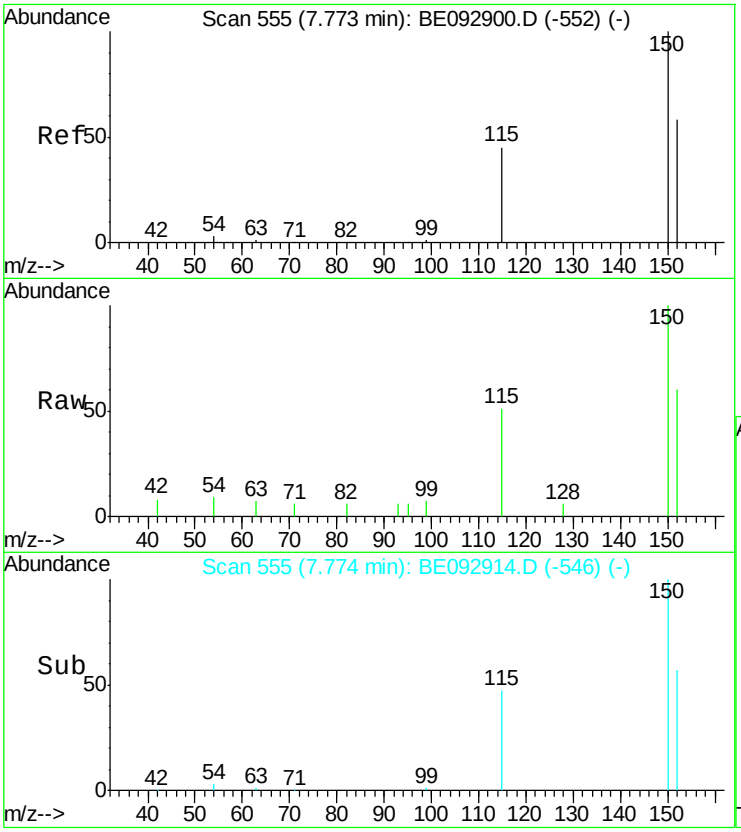


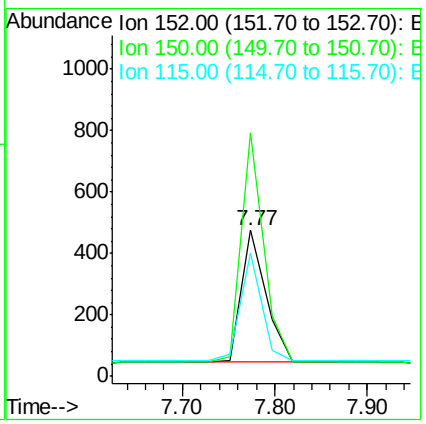


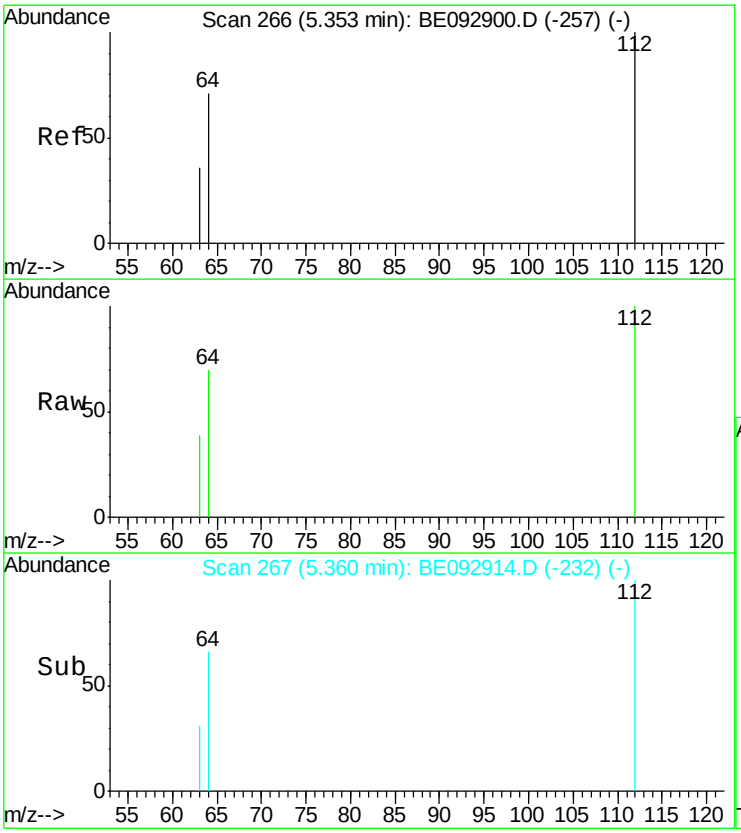
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion:152 Resp: 797

Ion	Ratio	Lower	Upper
152	100		
150	166.9	129.9	194.9
115	84.4	62.6	93.8

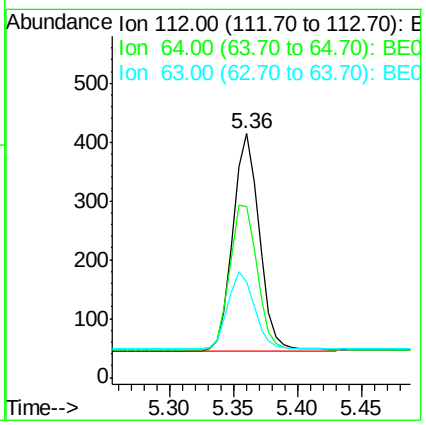


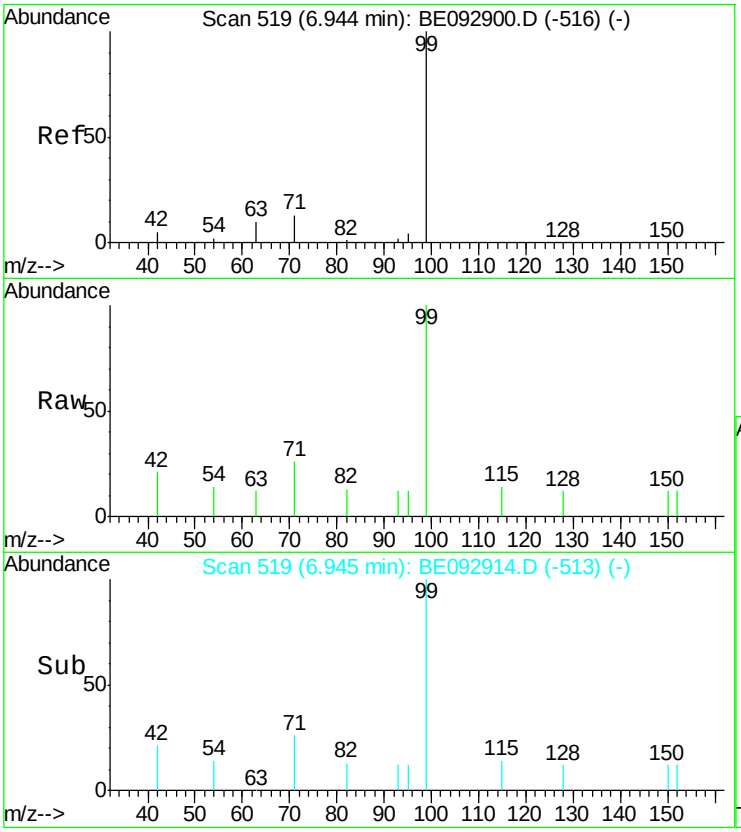


#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:112 Resp: 537

Ion	Ratio	Lower	Upper
112	100		
64	68.9	52.6	79.0
63	35.2	29.0	43.4



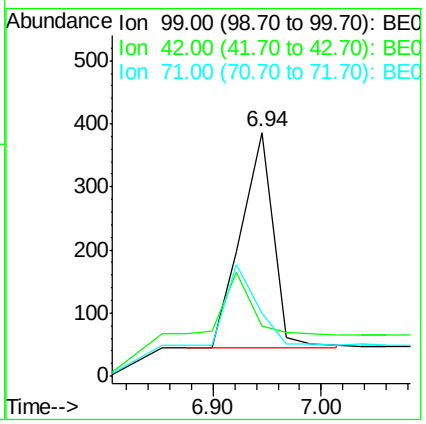


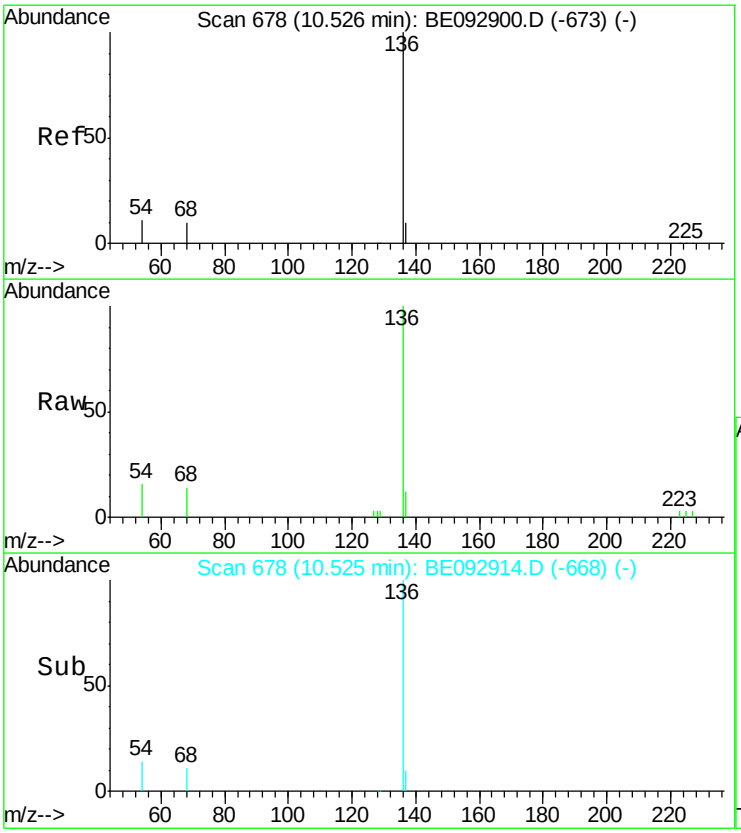
#5
Phenol-d6
Concen: 0.30 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion: 99 Resp: 714

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

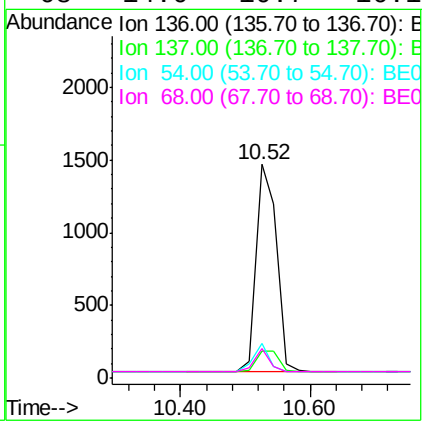


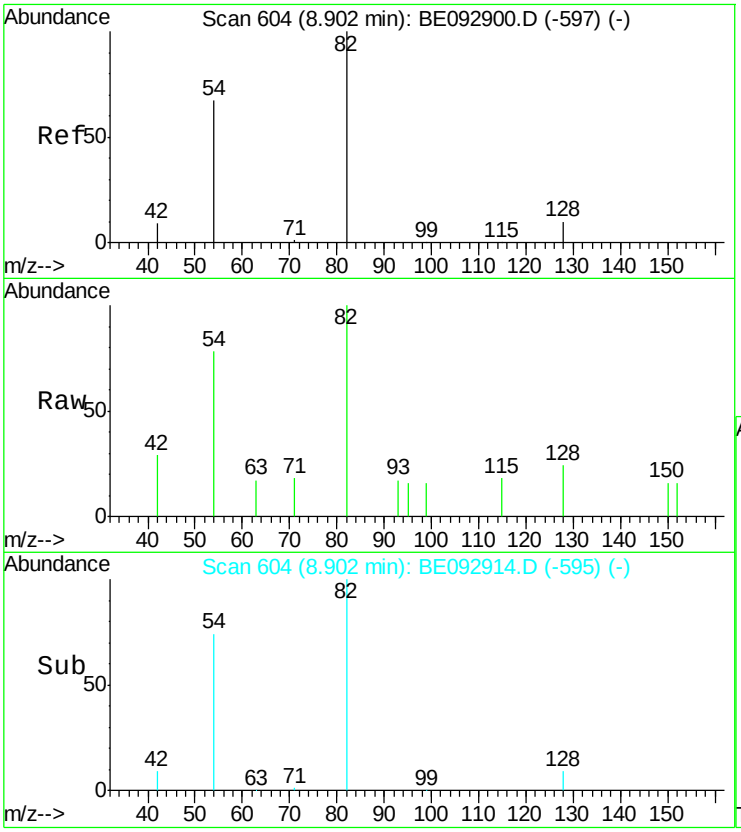


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.52 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:136 Resp: 3148

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	16.3	12.6	18.8
68	14.0	10.7	16.1



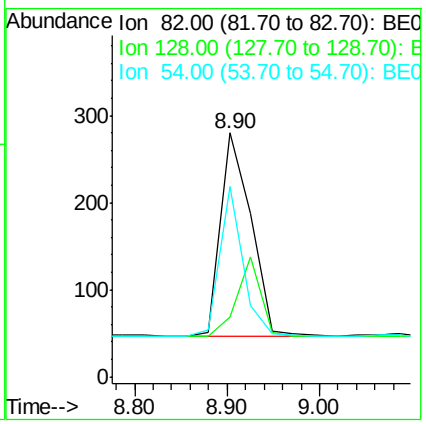


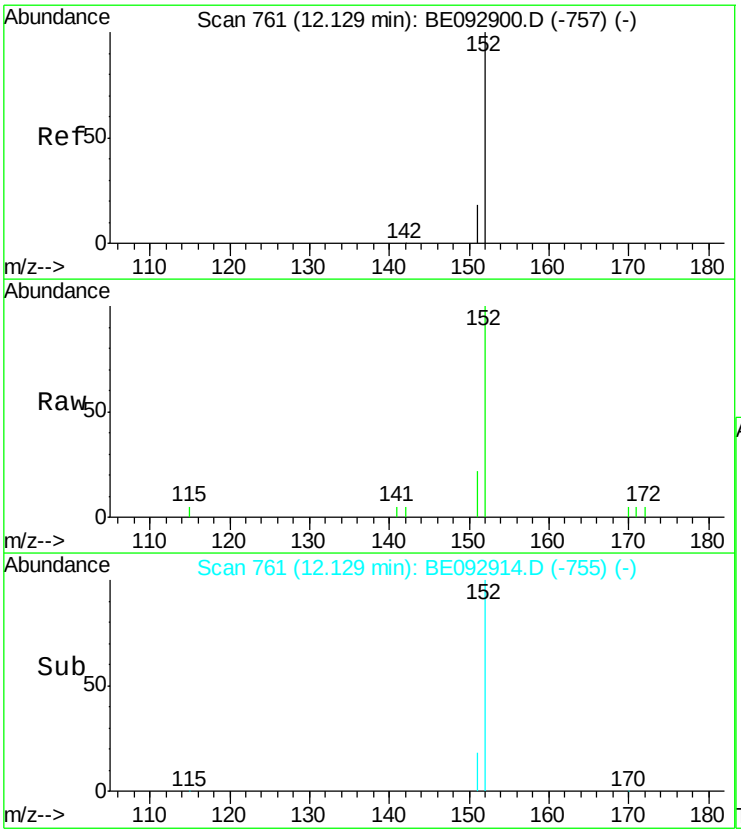
#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion: 82 Resp: 534

Ion	Ratio	Lower	Upper
82	100		
128	24.3	35.3	52.9#
54	77.9	65.1	97.7

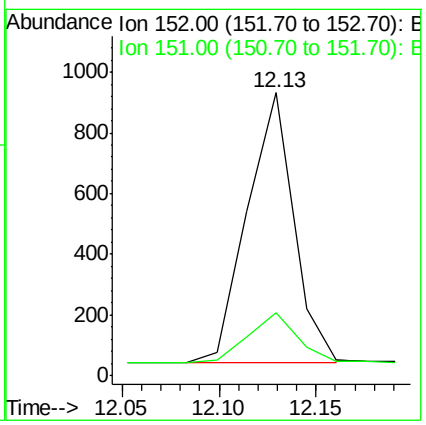


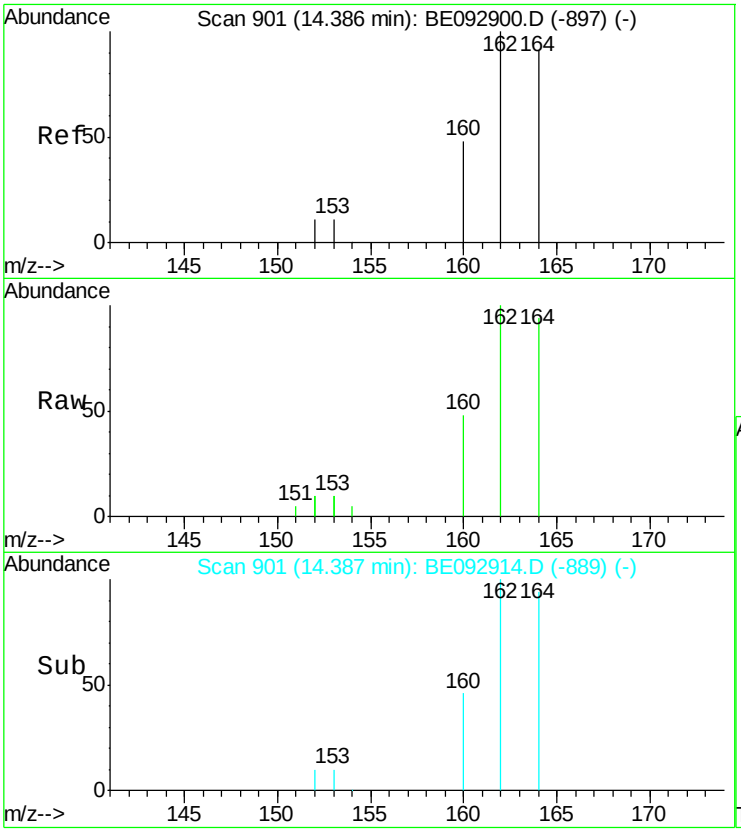


#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:152 Resp: 1478

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5



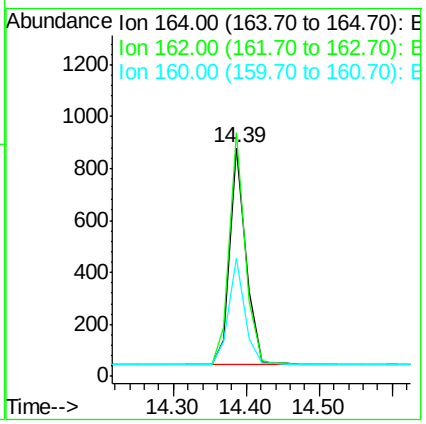


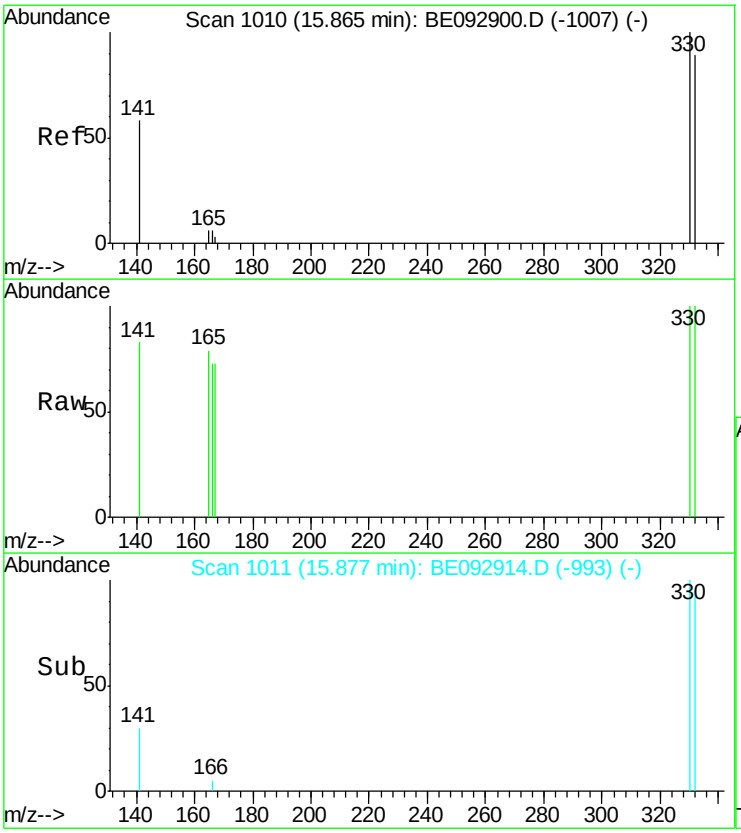
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion:164 Resp: 1263

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.6	130.0
160	51.5	44.5	66.7

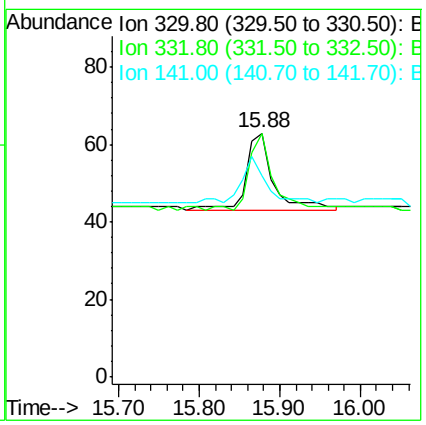


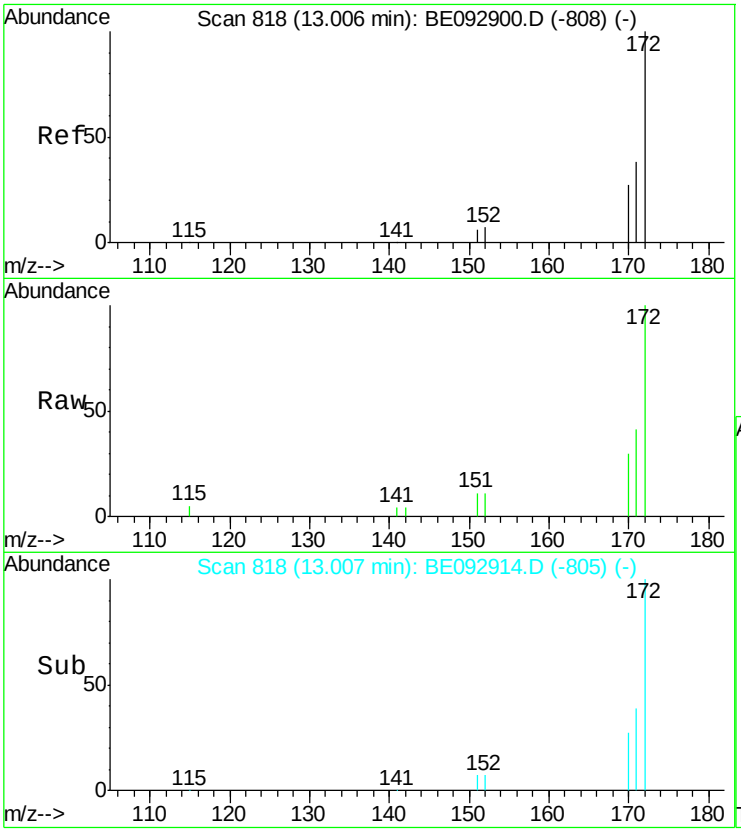


#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:330 Resp: 48

Ion	Ratio	Lower	Upper
330	100		
332	87.5	69.1	103.7
141	52.1	54.6	81.8#



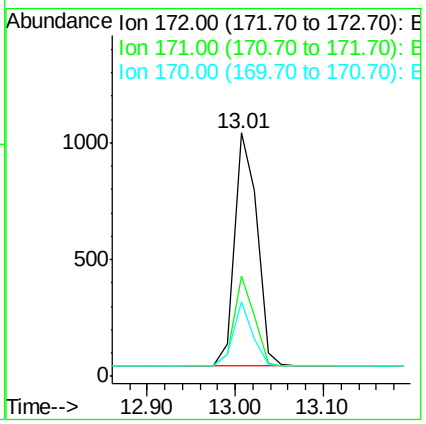


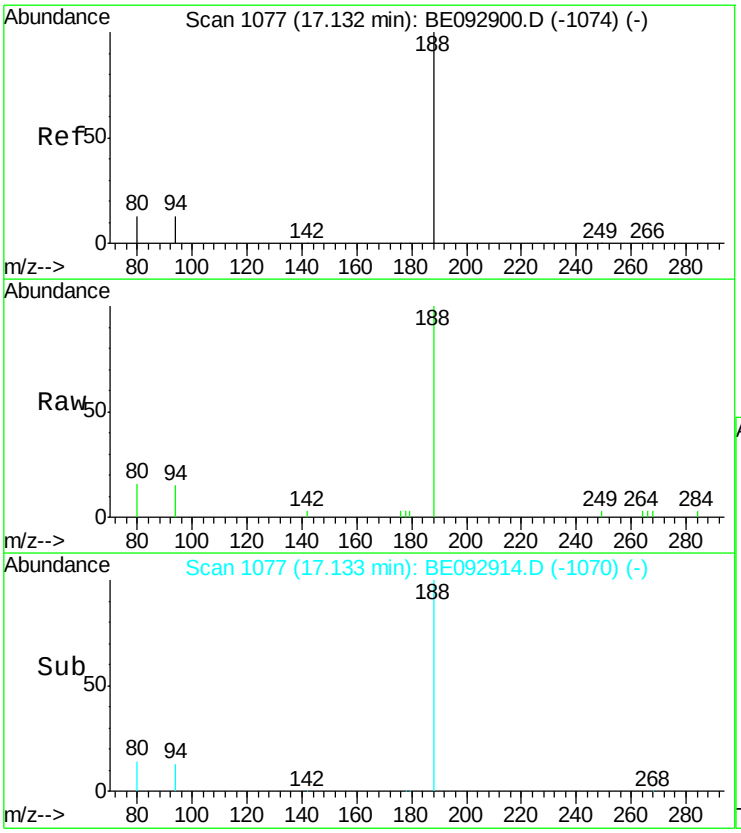
#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion:172 Resp: 1773

Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.8	53.6
170	30.5	28.5	42.7

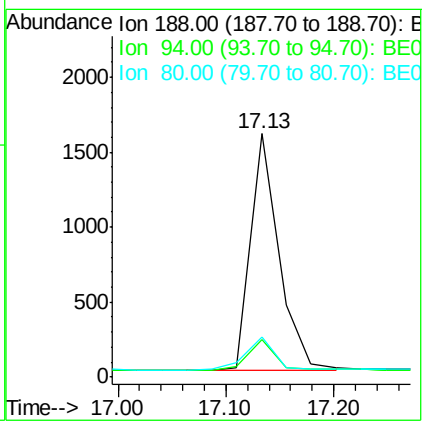


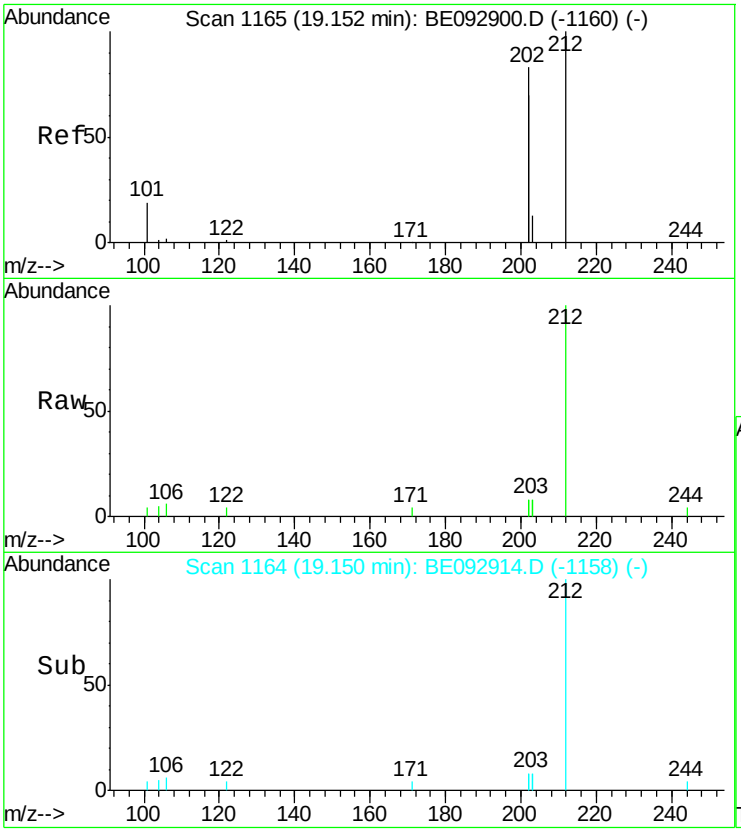


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:188 Resp: 2905

Ion	Ratio	Lower	Upper
188	100		
94	15.3	10.2	15.4
80	16.4	10.6	15.8#



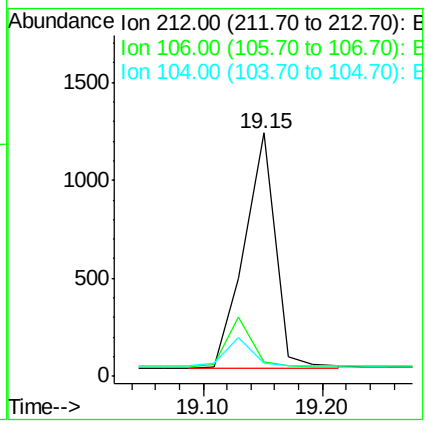


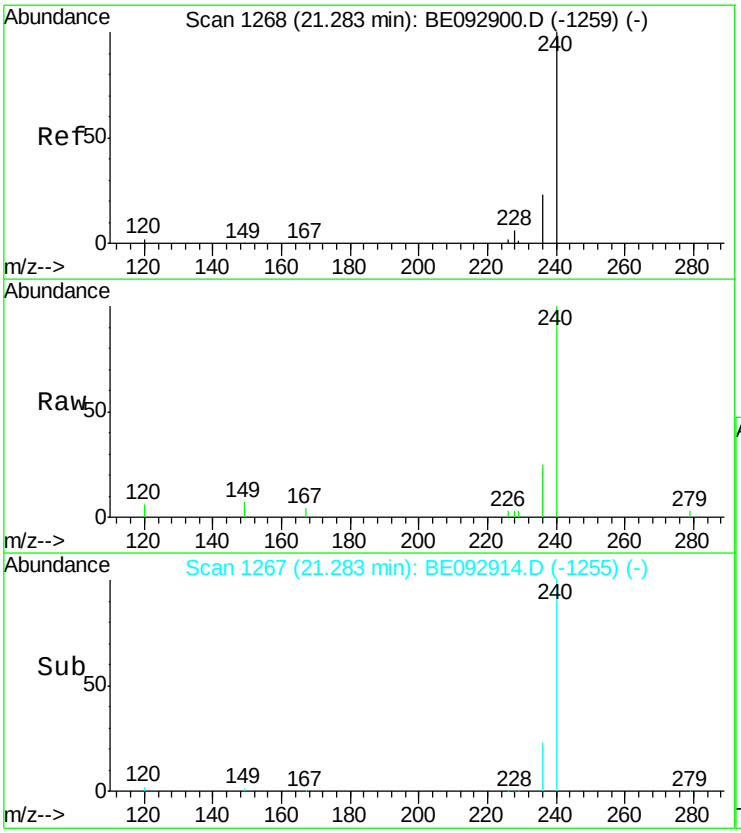
#24
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.15 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion:212 Resp: 2179

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0

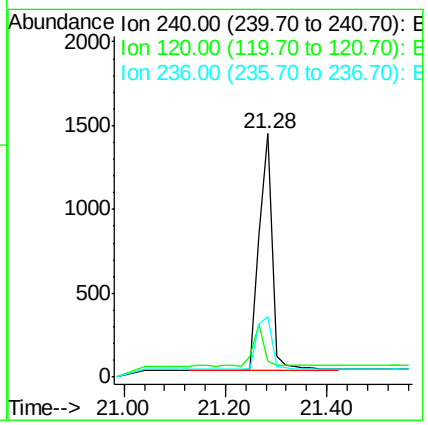


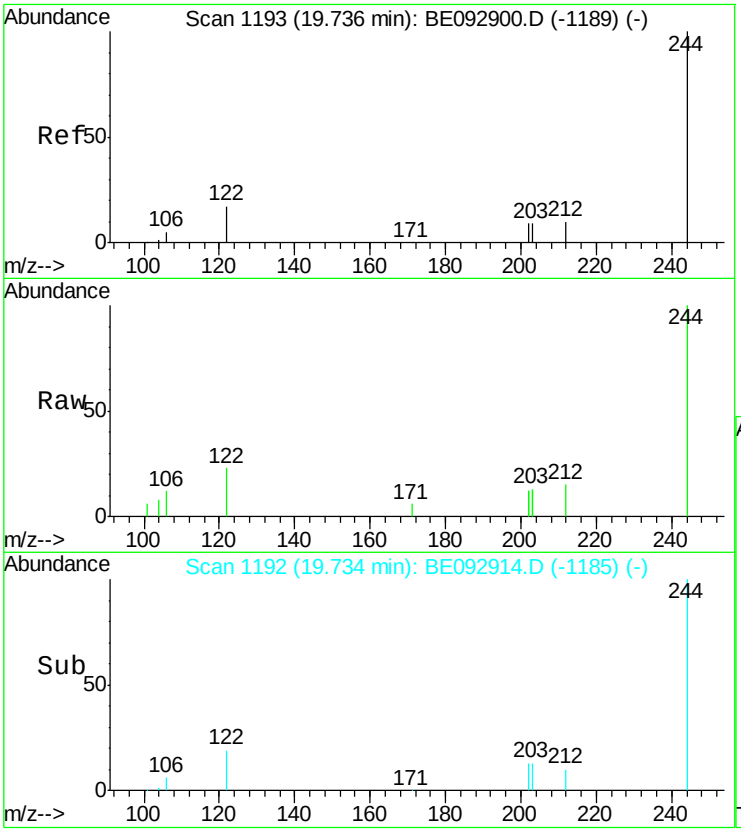


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:240 Resp: 2479

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.6	6.8
236	25.1	19.8	29.8



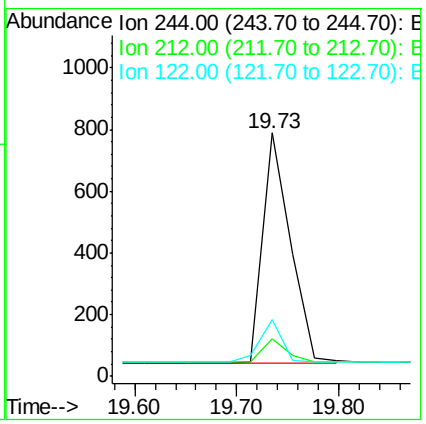


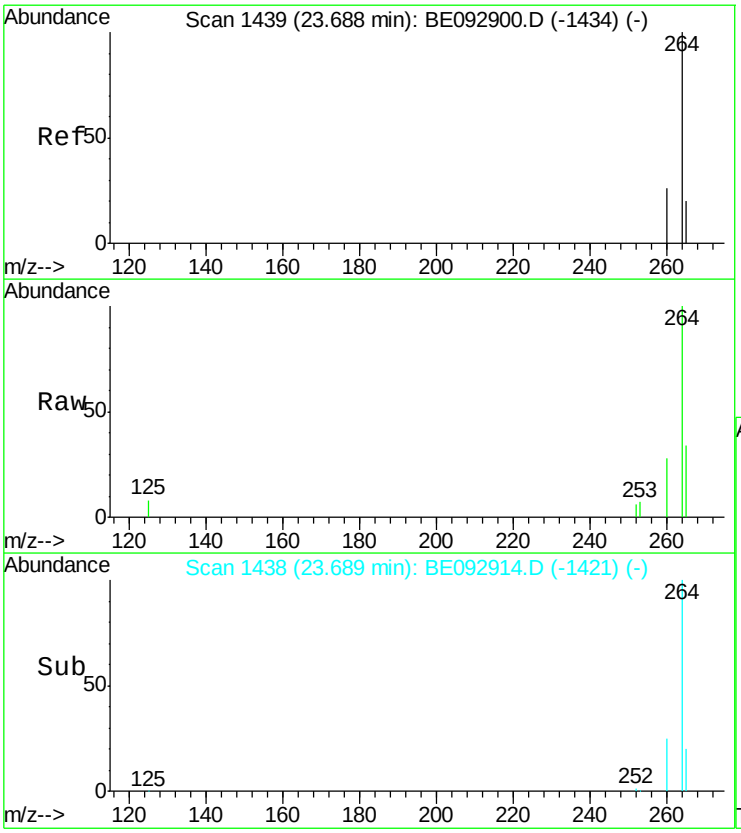
#28
Terphenyl-d14
Concen: 0.33 ng
RT: 19.73 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Instrument :
BNA_E
ClientSampleId :
PB98517BL

Tgt Ion:244 Resp: 1402

Ion	Ratio	Lower	Upper
244	100		
212	15.2	18.4	27.6#
122	23.2	23.3	34.9#





#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE092914.D
Acq: 27 Apr 2017 14:49

Tgt Ion:264 Resp: 2149

Ion	Ratio	Lower	Upper
264	100		
260	28.5	23.5	35.3
265	34.3	27.2	40.8