Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
Data File : BE091600.D
Acq On : 1 Apr 2016 21:15
Operator : UM/SJ
Sample : H2090-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS027-160330

Quant Time: Apr 02 00:08:12 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	42738	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	205060	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	129468	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	354251	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	416695	5.00	ng		-0.02
28) Perylene-d12	23.76	264	349350	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	22795	2.04	ng		-0.02
5) Phenol-d6	6.97	99	18903	1.25	ng		-0.02
7) Nitrobenzene-d5	8.96	82	41479	3.01	ng		-0.02
11) 2,4,6-Tribromophenol	15.91	330	35263	6.15	ng		-0.01
12) 2-Fluorobiphenyl	13.05	172	133527	3.63	ng		-0.02
24) Terphenyl-d14	19.76	244	249351	4.72	ng		-0.02
Target Compounds							Qvalue
27) Indeno(1,2,3-cd)pyrene	26.33	276	1980	0.02	ng		99
33) Benzo(g,h,i)perylene	27.13	276	1760	0.02	ng	#	77

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

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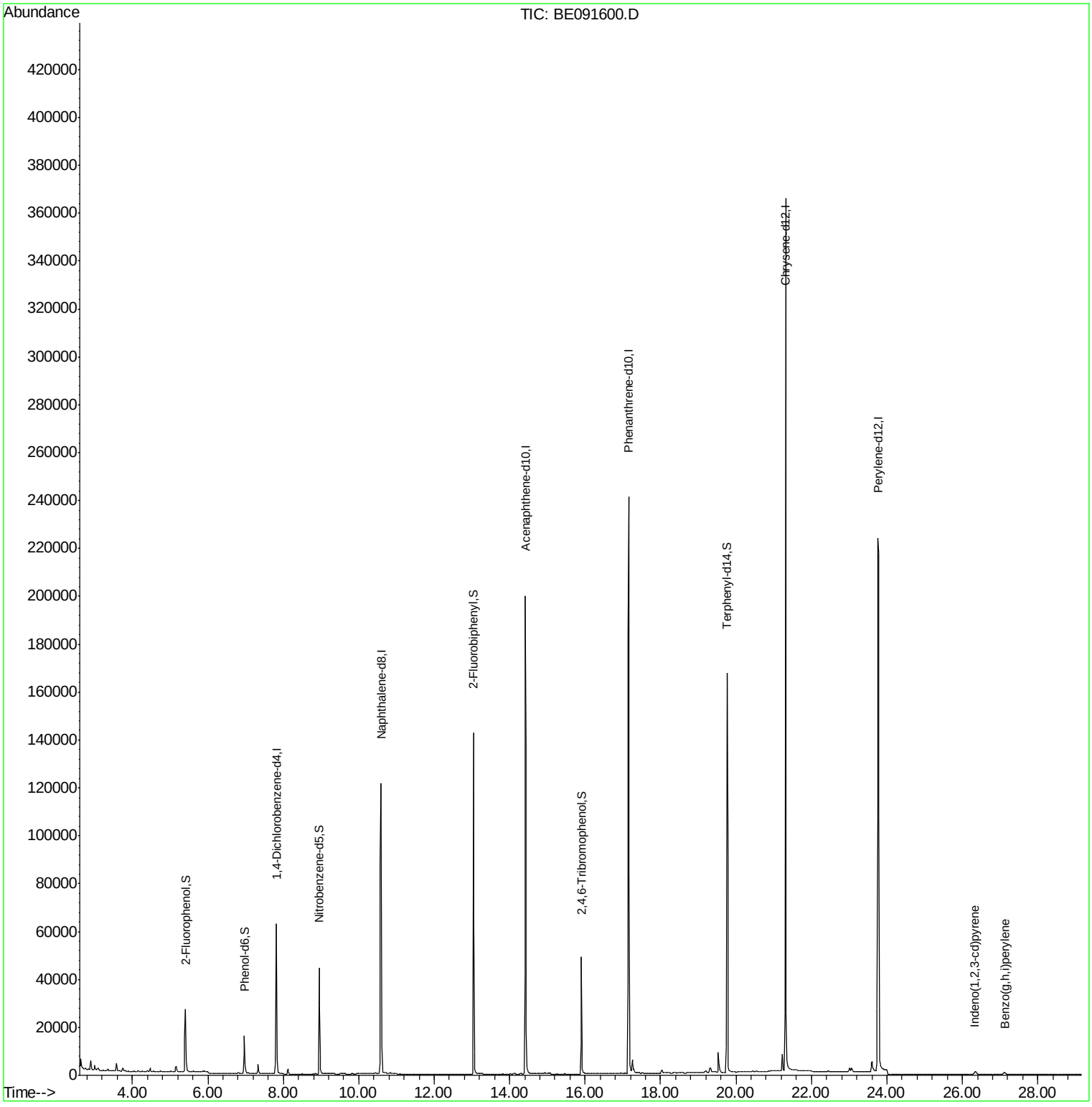
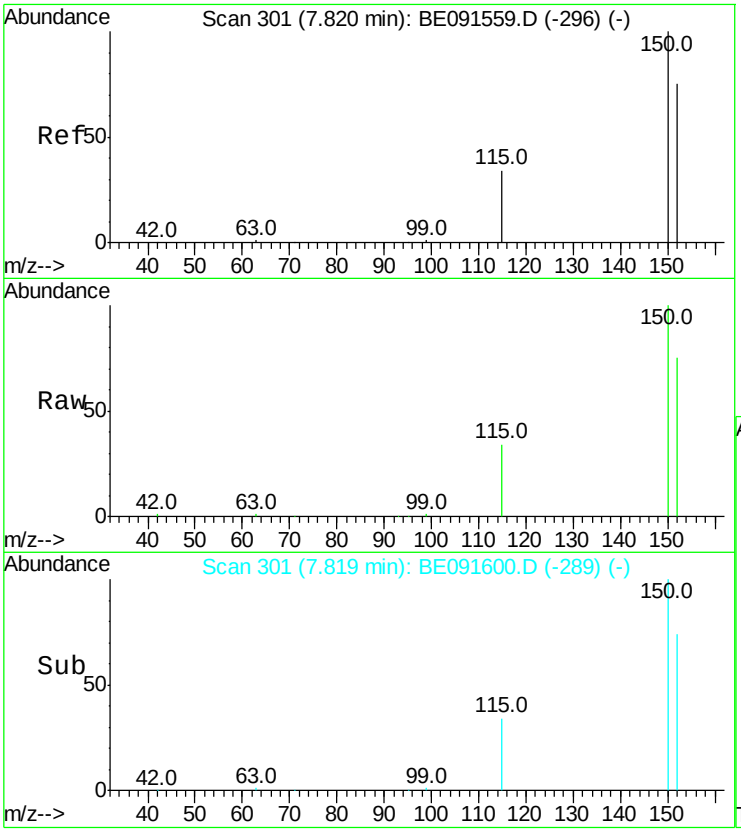


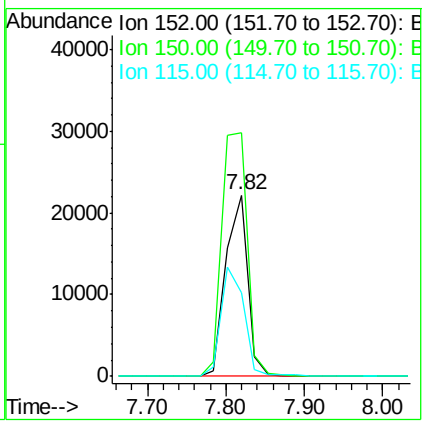


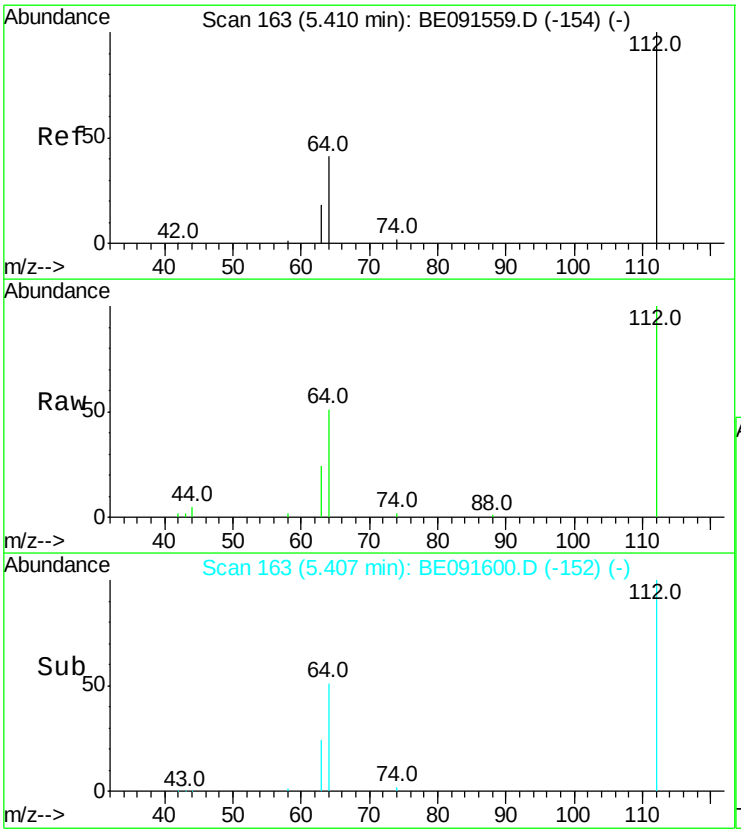
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.00 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:152 Resp: 42738

Ion	Ratio	Lower	Upper
152	100		
150	134.2	122.2	183.2
115	45.9	45.9	68.9#

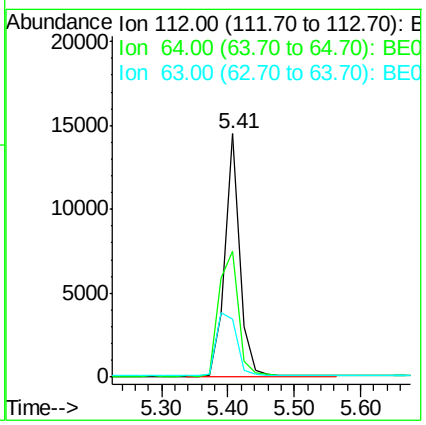


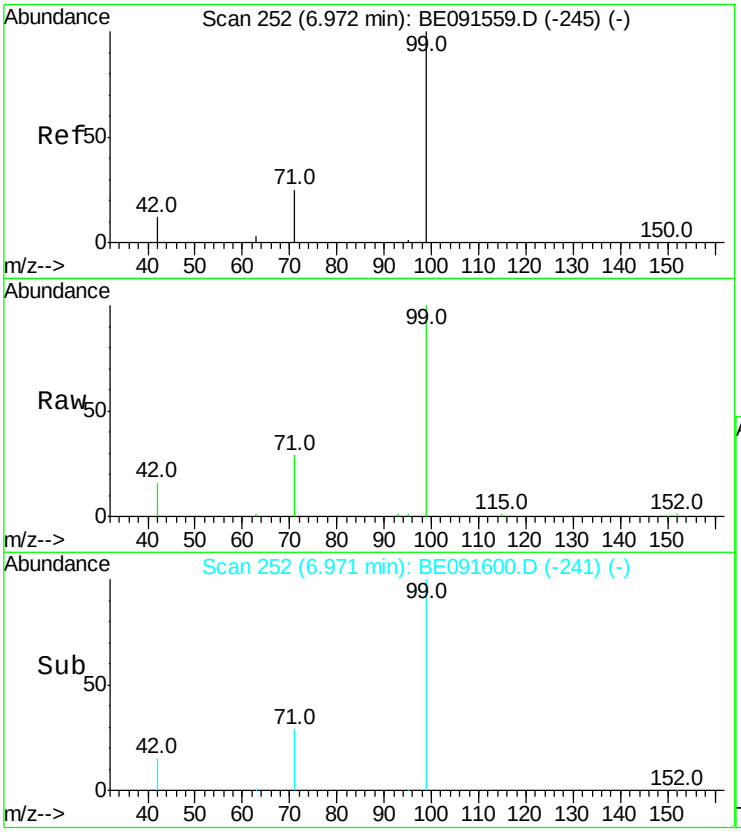


#4
2-Fluorophenol
Concen: 2.04 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:112 Resp: 22795

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.3	79.9
63	35.9	29.8	44.8



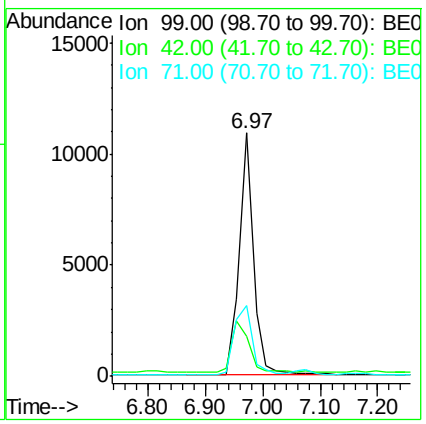


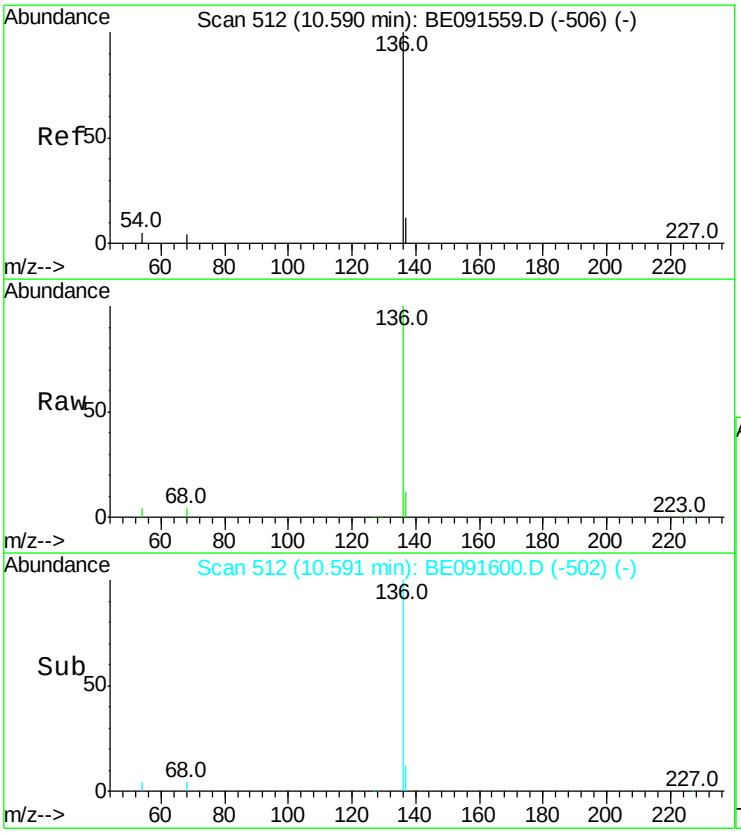
#5
Phenol-d6
Concen: 1.25 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion: 99 Resp: 18903

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.6	30.8
71	35.9	29.0	43.4

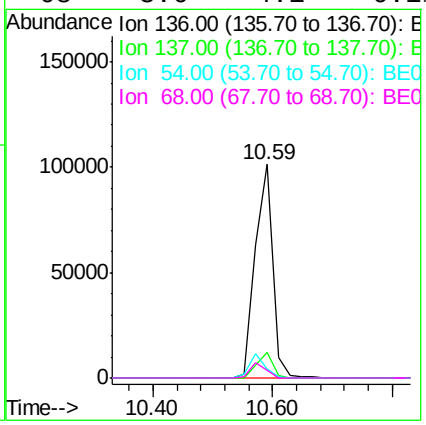


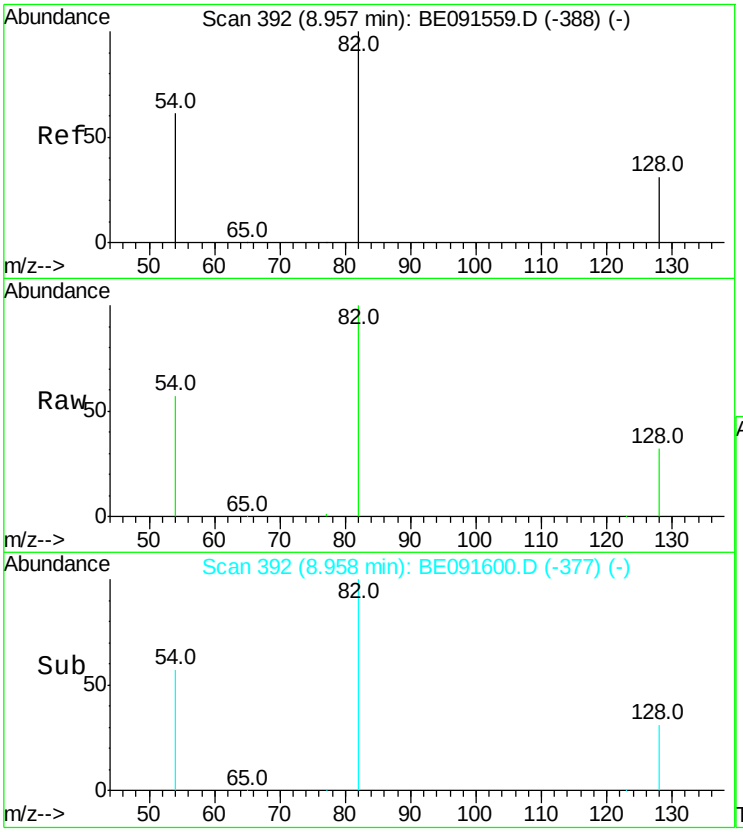


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:136 Resp: 205060

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	4.4	5.2	7.8#
68	3.6	4.1	6.1#



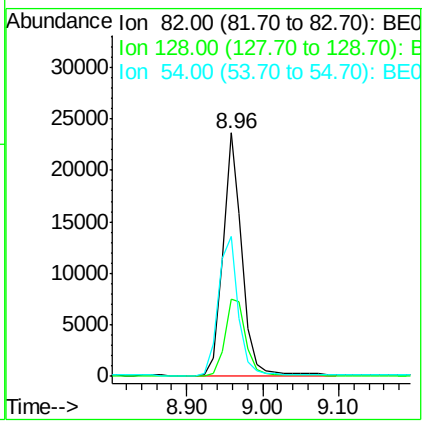


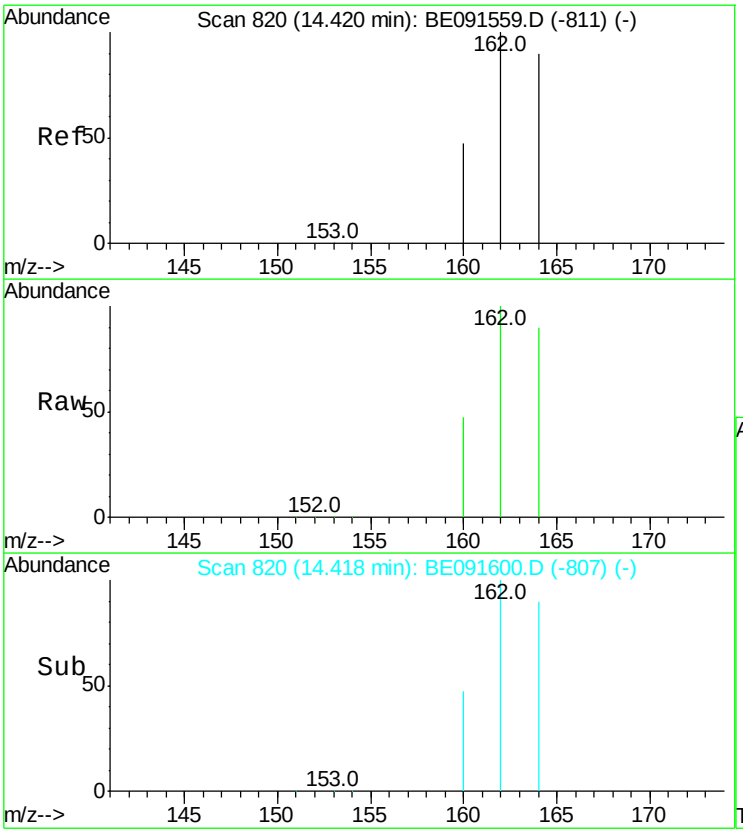
#7
Nitrobenzene-d5
Concen: 3.01 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion: 82 Resp: 41479

Ion	Ratio	Lower	Upper
82	100		
128	31.6	23.5	35.3
54	57.4	52.4	78.6

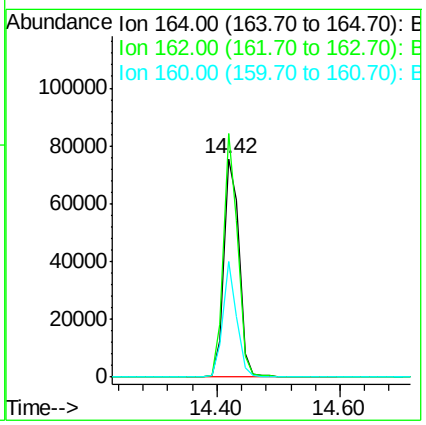


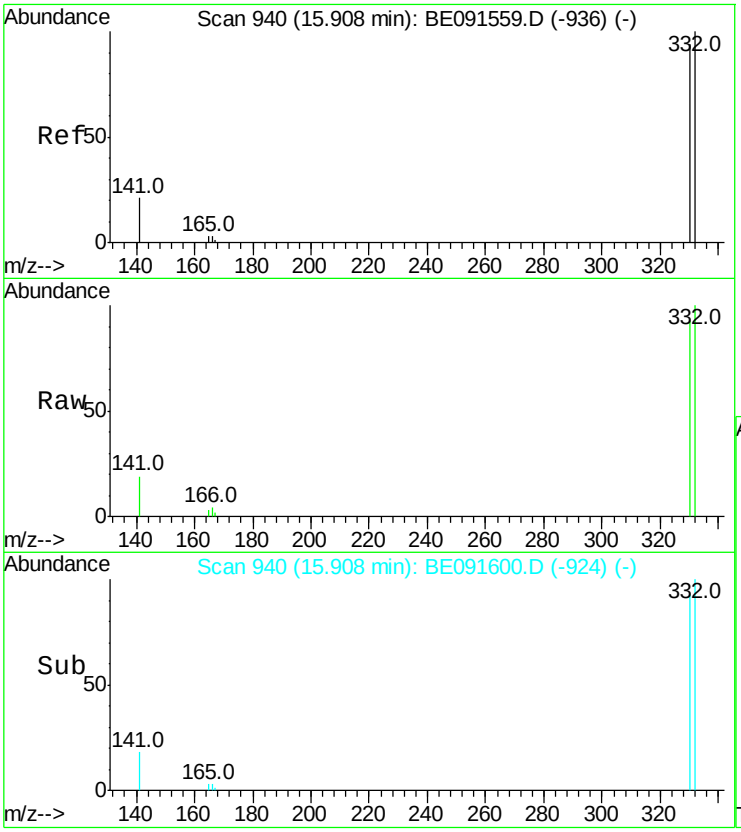


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:164 Resp: 129468

Ion	Ratio	Lower	Upper
164	100		
162	111.6	84.4	126.6
160	52.9	37.7	56.5



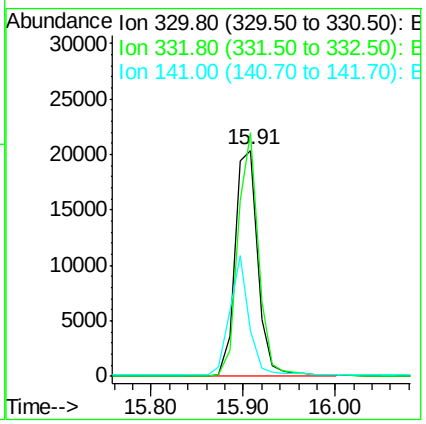


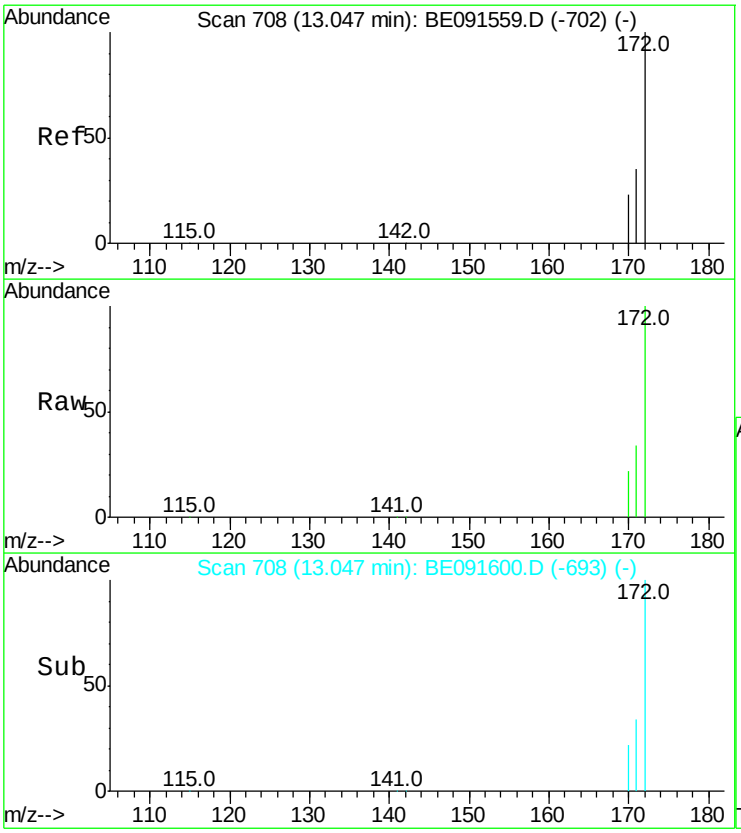
#11
2,4,6-Tribromophenol
Concen: 6.15 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:330 Resp: 35263

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.2	118.8
141	44.4	28.1	42.1#

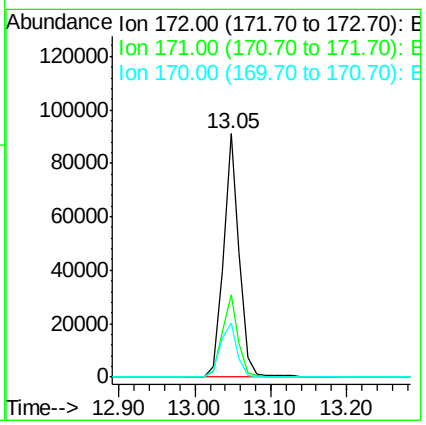


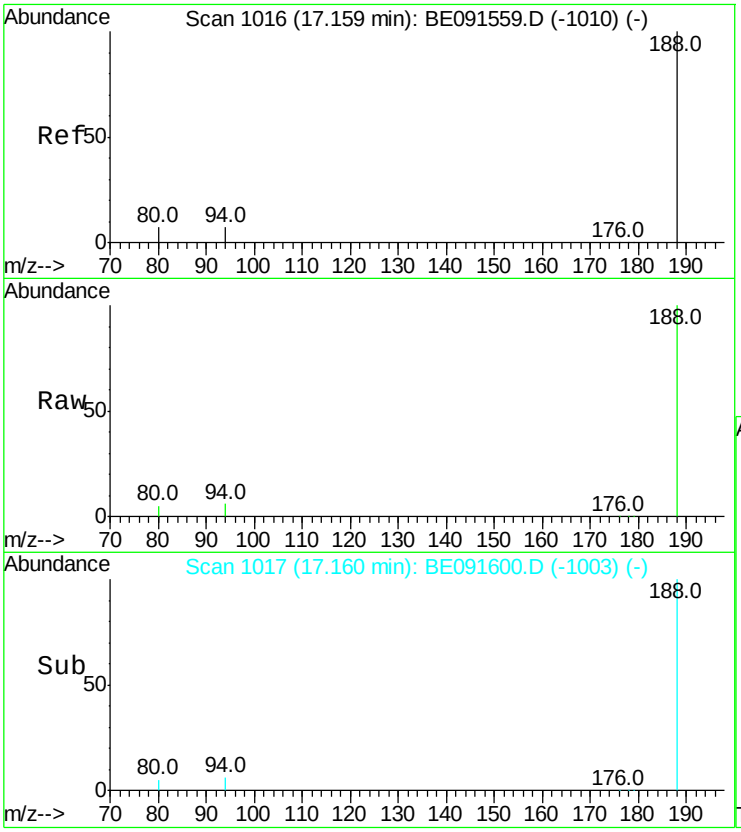


#12
2-Fluorobiphenyl
Concen: 3.63 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:172 Resp: 133527

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.8	44.8
170	22.2	21.4	32.2



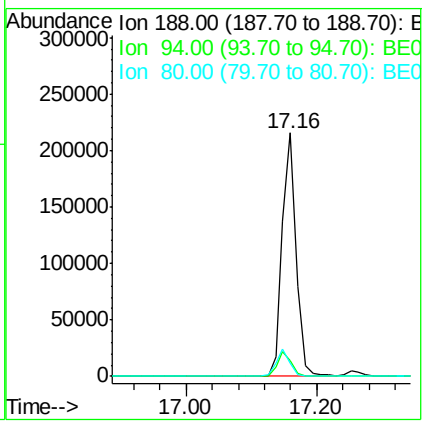


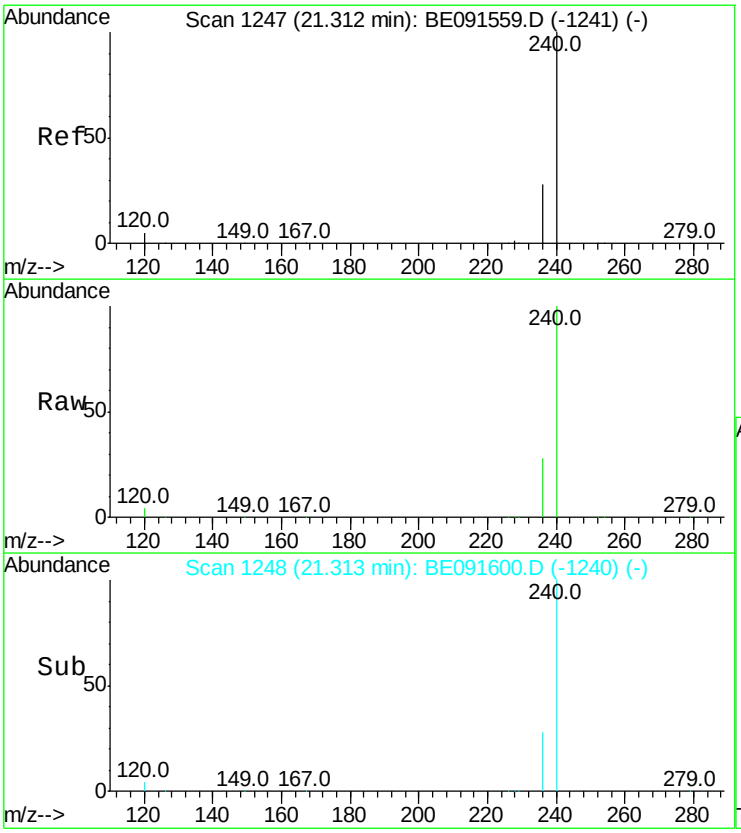
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:188 Resp: 354251

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.2
80	5.5	5.0	7.4

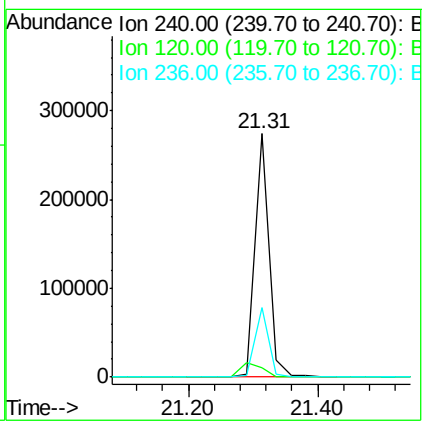


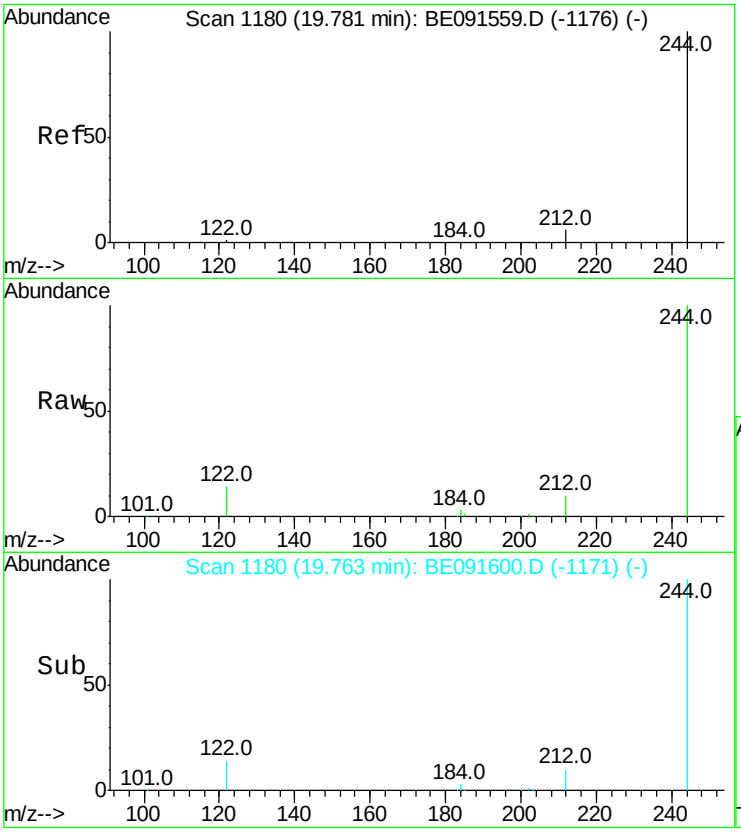


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:240 Resp: 416695

Ion	Ratio	Lower	Upper
240	100		
120	3.9	4.0	6.0#
236	28.4	23.0	34.4



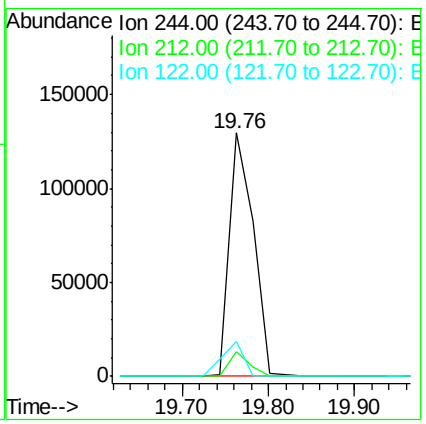


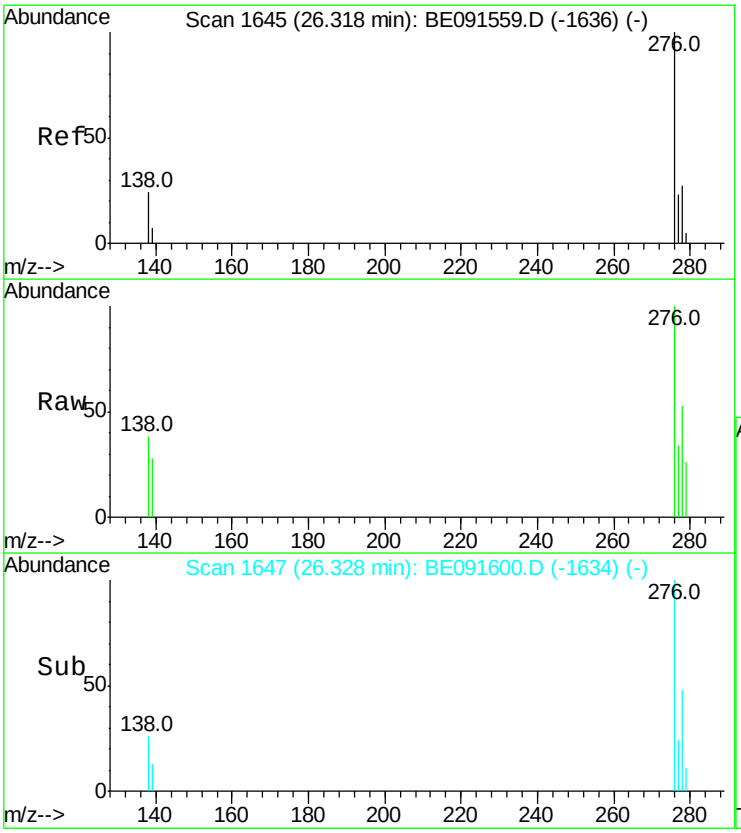
#24
Terphenyl-d14
Concen: 4.72 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:244 Resp: 249351

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	14.4	1.8	2.8#

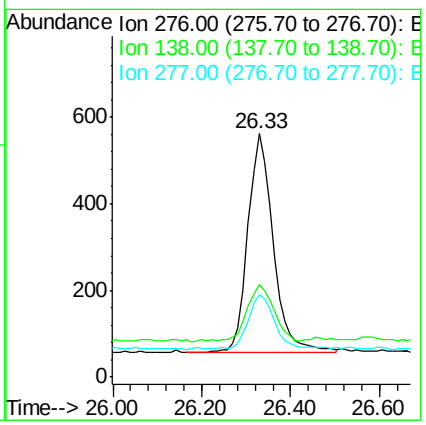


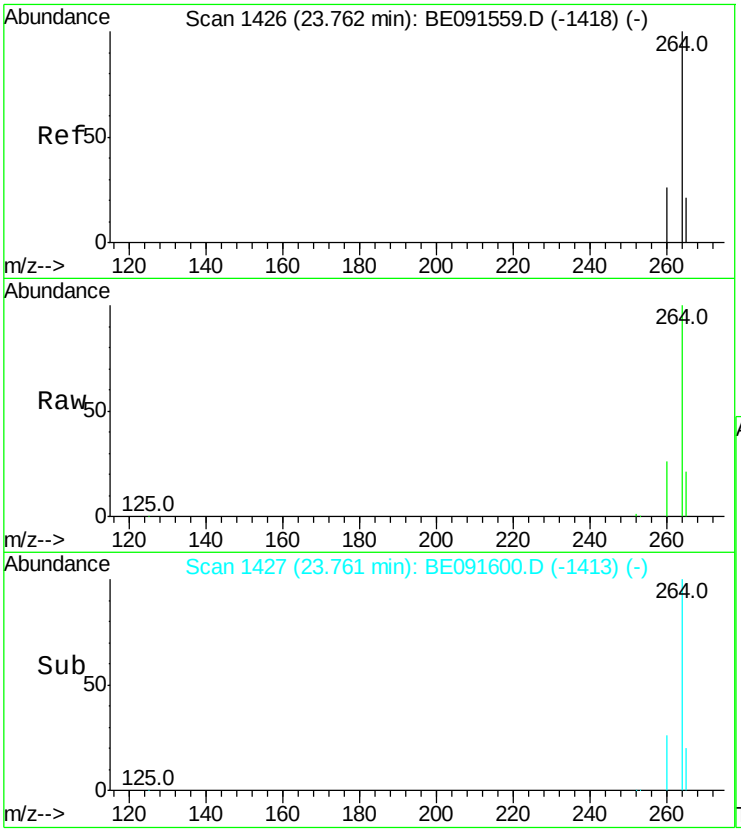


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.05 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:276 Resp: 1980

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.4
277	24.1	19.8	29.8



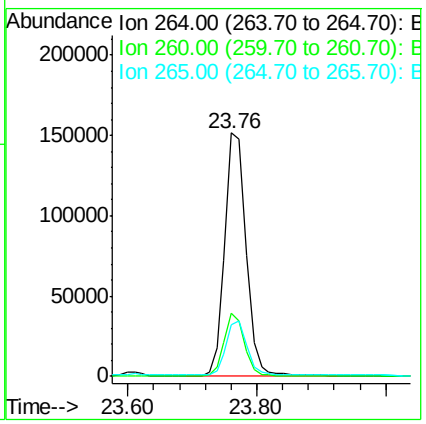


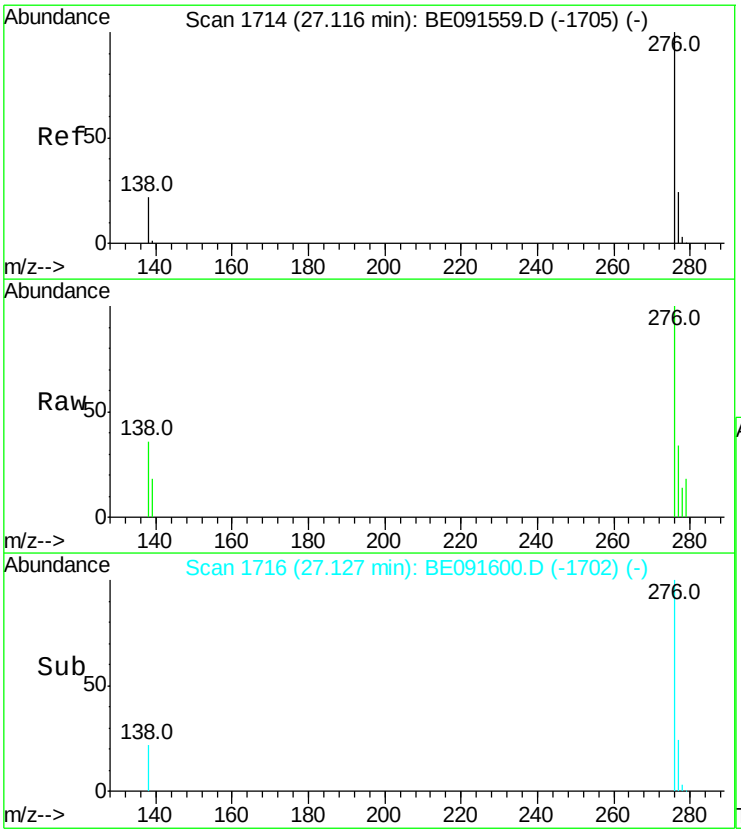
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:264 Resp: 349350

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	21.0	18.3	27.5





#33
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.13 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:276 Resp: 1760

Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.4	29.2#
138	36.1	18.2	27.4#