Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091546.D
Acq On : 28 Mar 2016 20:23
Operator : UM/SJ
Sample : PB88966BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB89066BL

Quant Time: Mar 29 01:07:34 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	32273	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	149542	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	85275	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	223371	5.00	ng	0.00
22) Chrysene-d12	21.33	240	211743	5.00	ng	0.00
28) Perylene-d12	23.78	264	235573	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	54954	8.73	ng	-0.02
5) Phenol-d6	6.97	99	75337	8.77	ng	-0.02
7) Nitrobenzene-d5	8.97	82	26991	4.15	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	15666	10.80	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	100892	4.20	ng	-0.01
24) Terphenyl-d14	19.78	244	170078	4.89	ng	0.00
Target Compounds						Qvalue
18) Pentachlorophenol	16.83	266	76	0.22	ng	# 70
31) Benzo(a)pyrene	23.67	252	65	0.21	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091546.D
Acq On : 28 Mar 2016 20:23
Operator : UM/SJ
Sample : PB88966BL
Misc :
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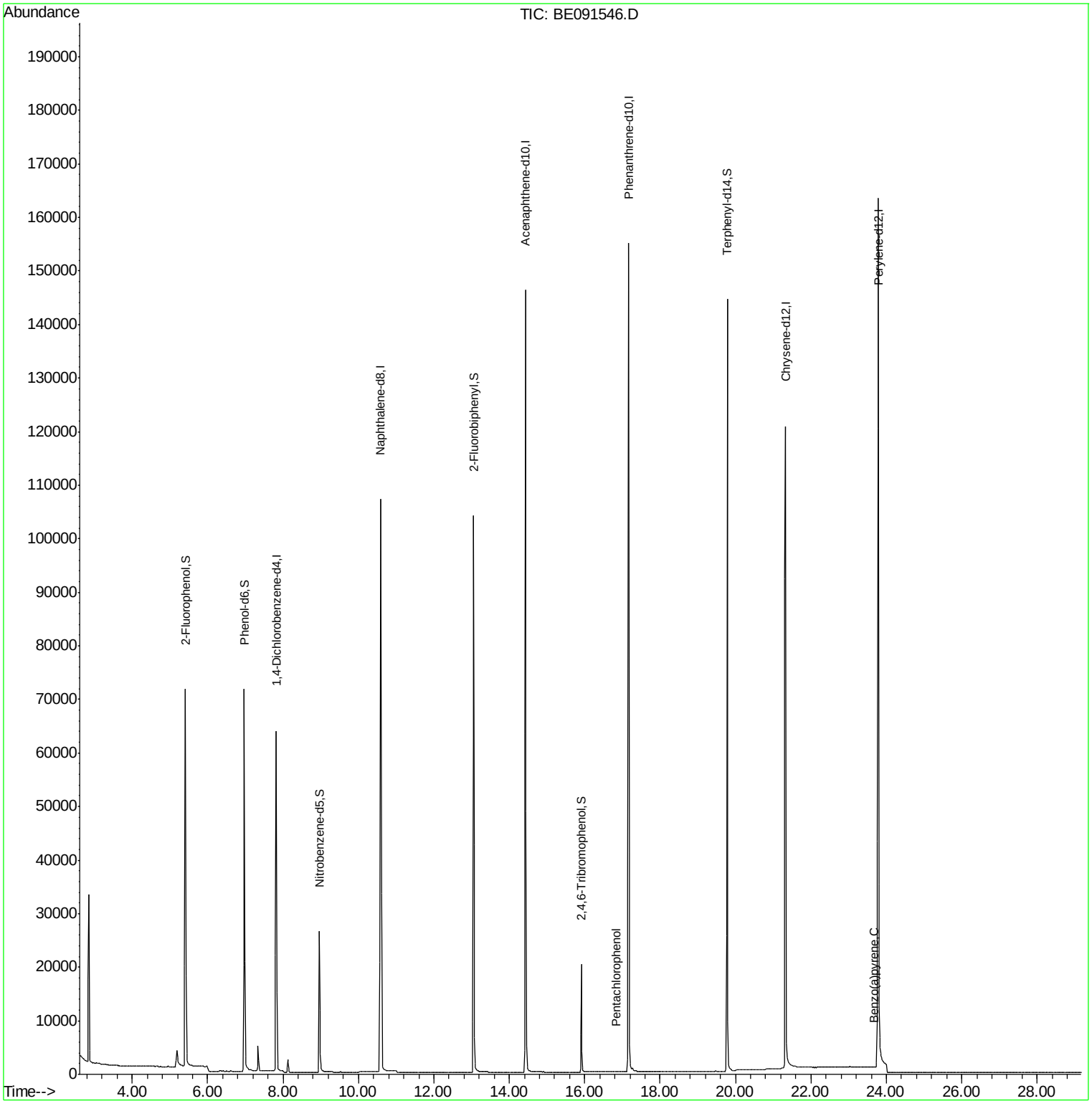
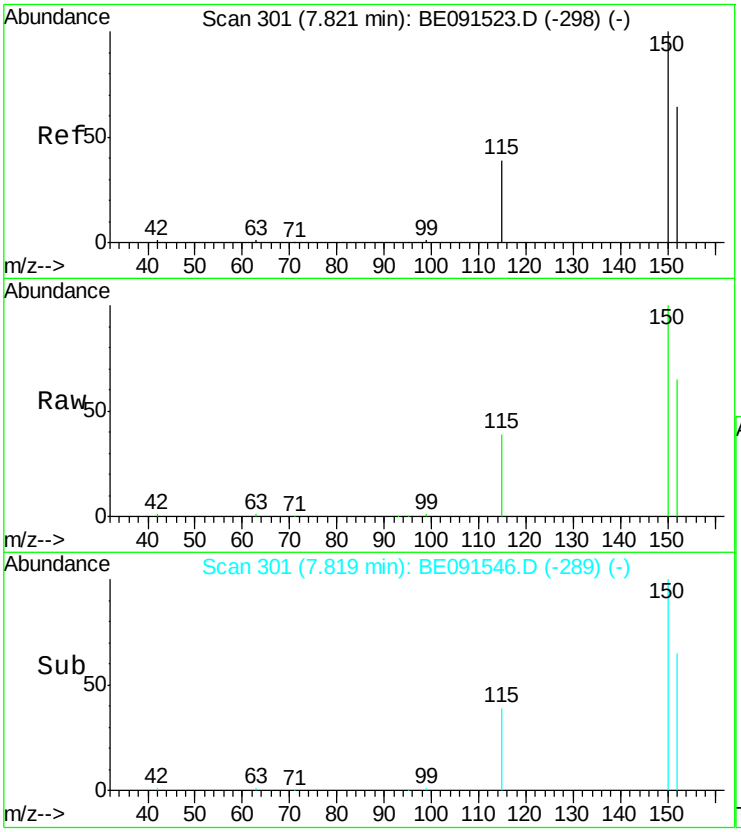
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration



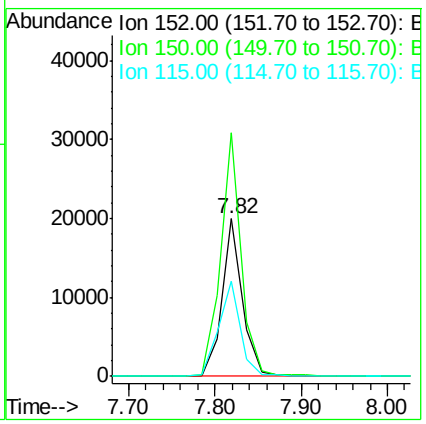


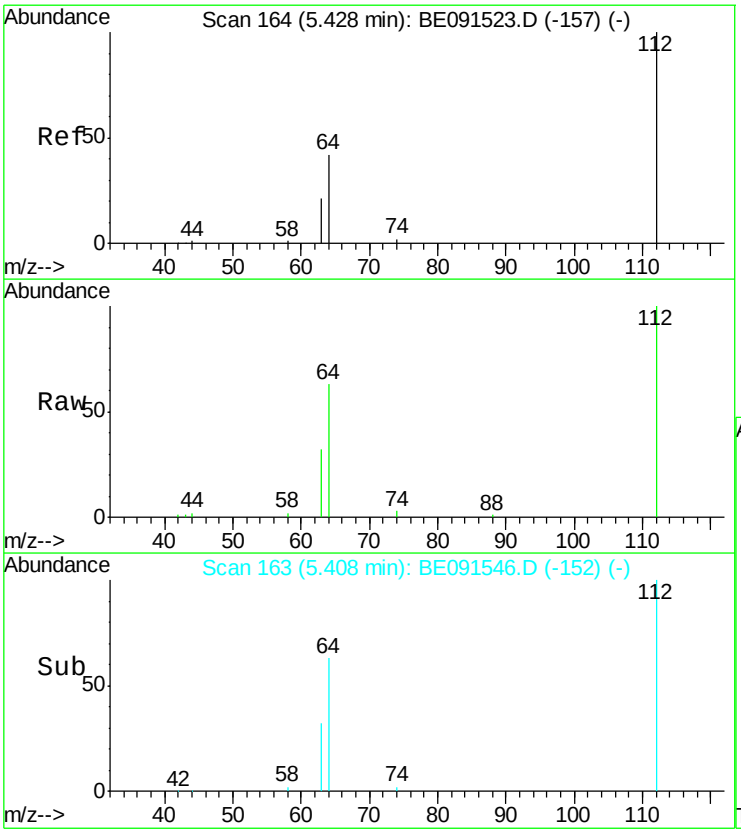
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:152 Resp: 32273

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.2	183.2
115	60.6	45.9	68.9

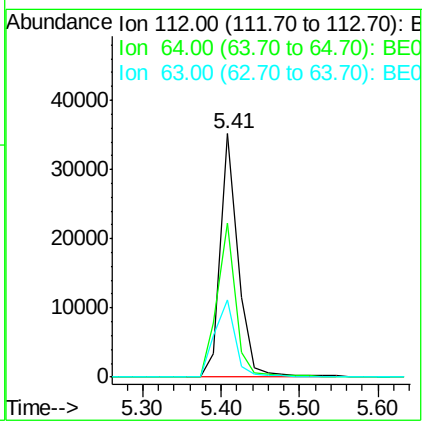


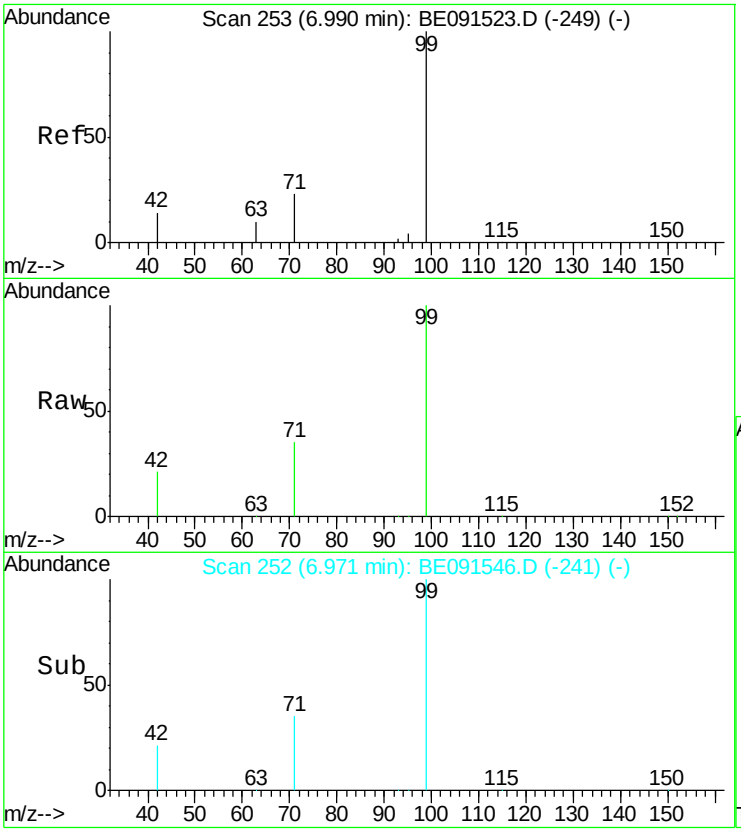


#4
2-Fluorophenol
Concen: 8.73 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:112 Resp: 54954

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.3	79.9
63	36.8	29.8	44.8



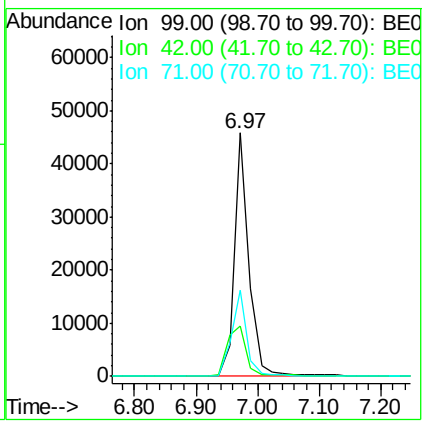


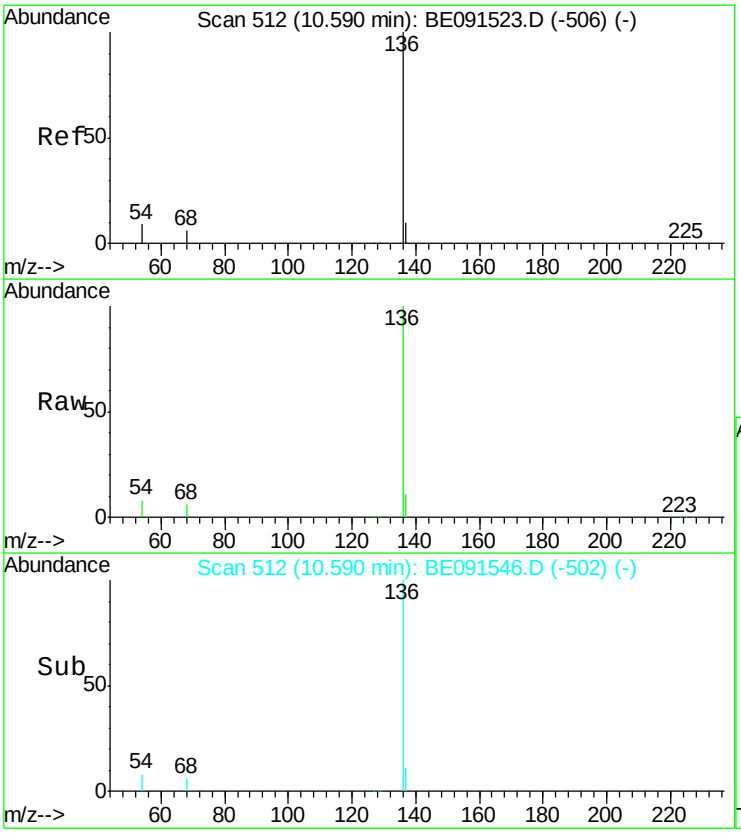
#5
Phenol-d6
Concen: 8.77 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion: 99 Resp: 75337

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.6	30.8
71	36.7	29.0	43.4

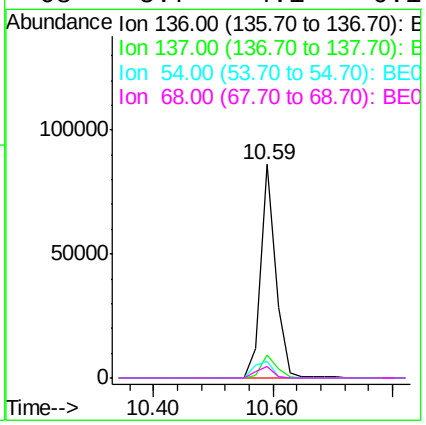


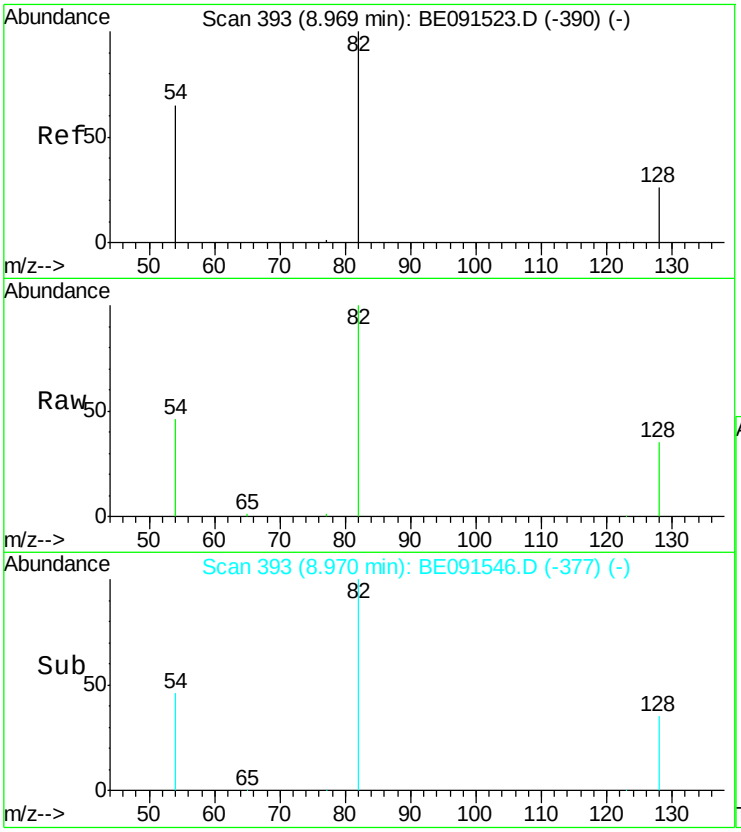


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:136 Resp: 149542

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	5.2	7.8#
68	5.7	4.1	6.1



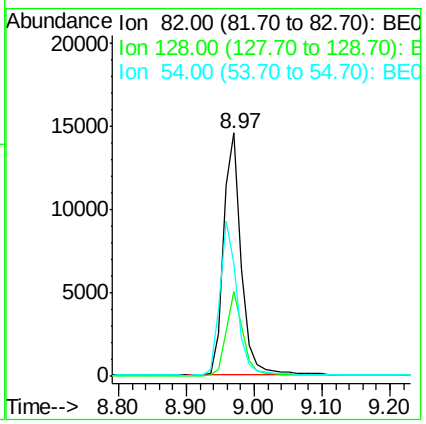


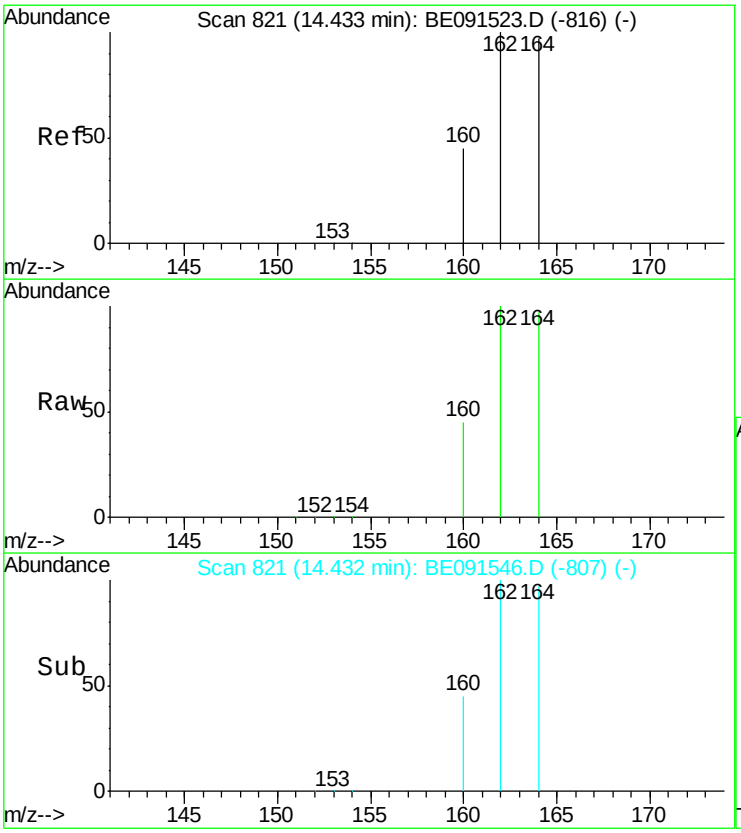
#7
Nitrobenzene-d5
Concen: 4.15 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion: 82 Resp: 26991

Ion	Ratio	Lower	Upper
82	100		
128	34.8	23.5	35.3
54	46.2	52.4	78.6#

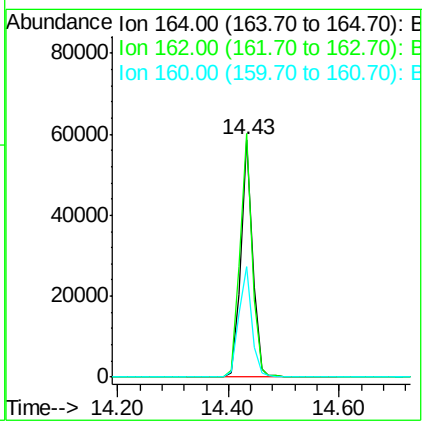


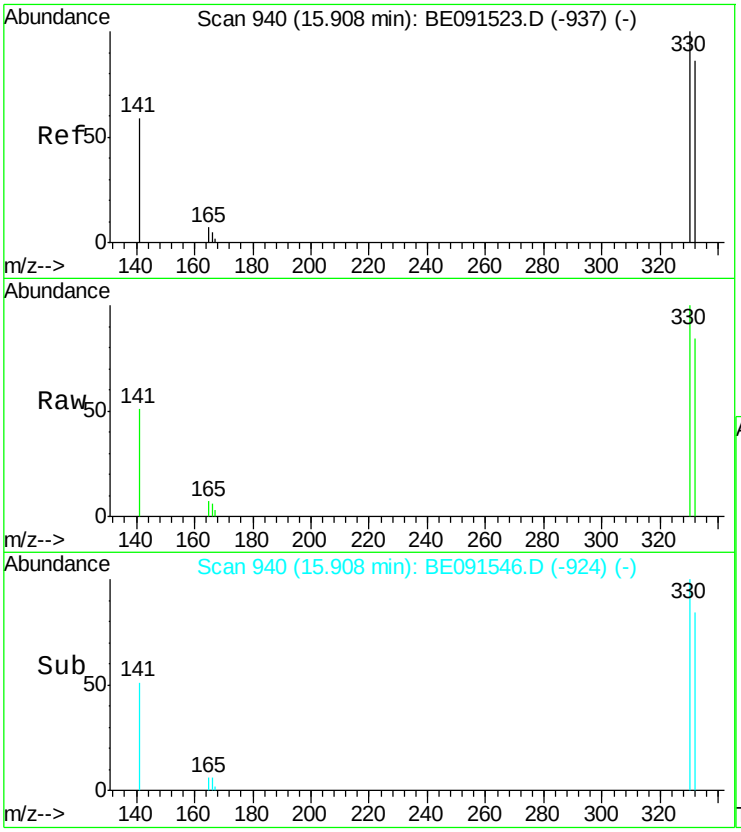


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:164 Resp: 85275

Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.4	126.6
160	46.5	37.7	56.5



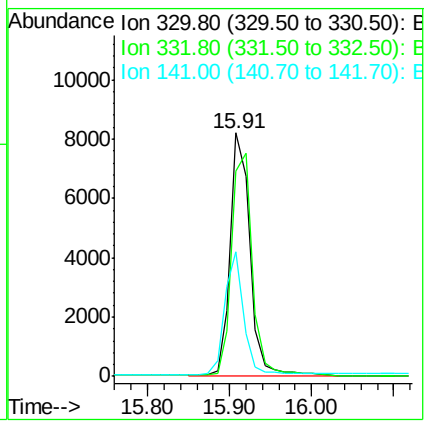


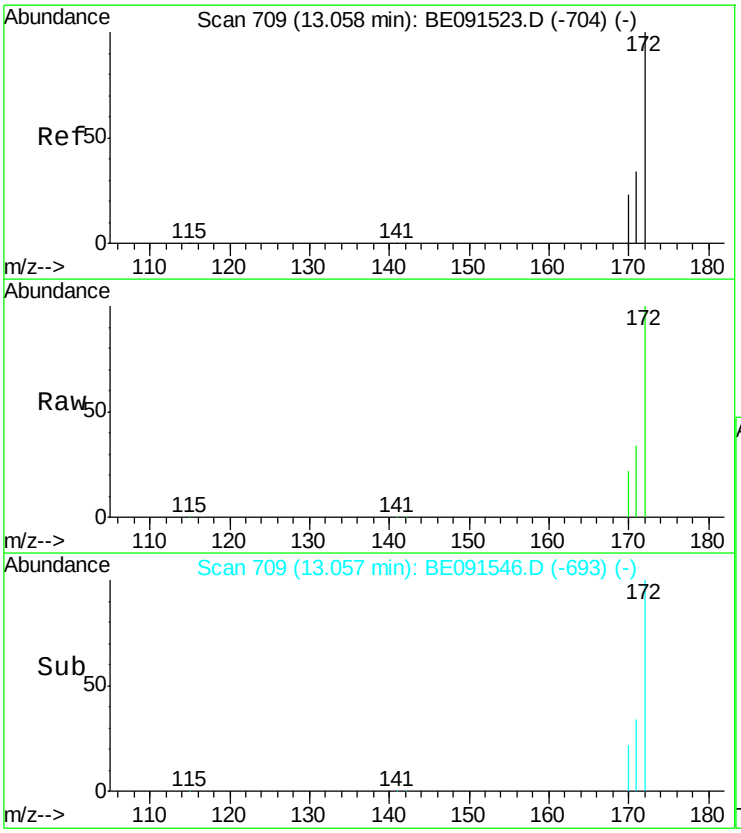
#11
2,4,6-Tribromophenol
Concen: 10.80 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:330 Resp: 15666

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.2	118.8
141	47.8	28.1	42.1#

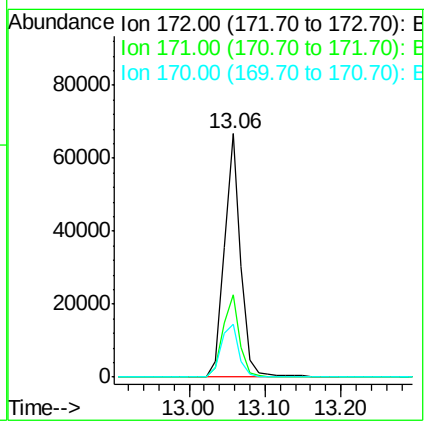


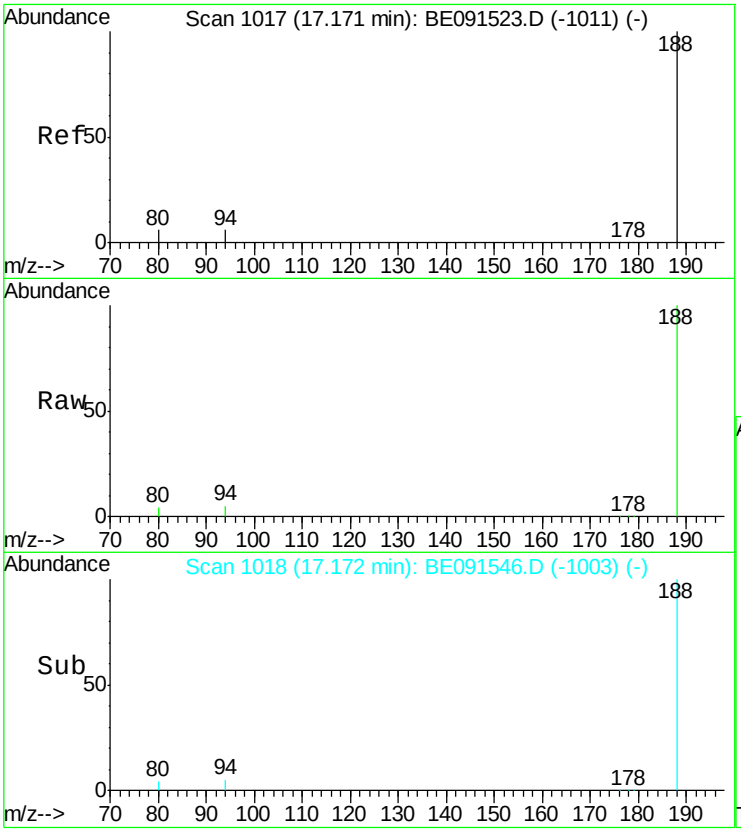


#12
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:172 Resp: 100892

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.8	44.8
170	21.6	21.4	32.2



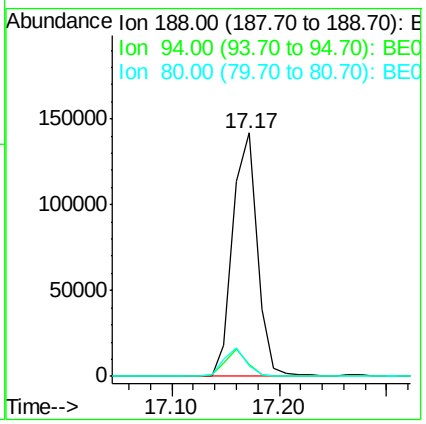


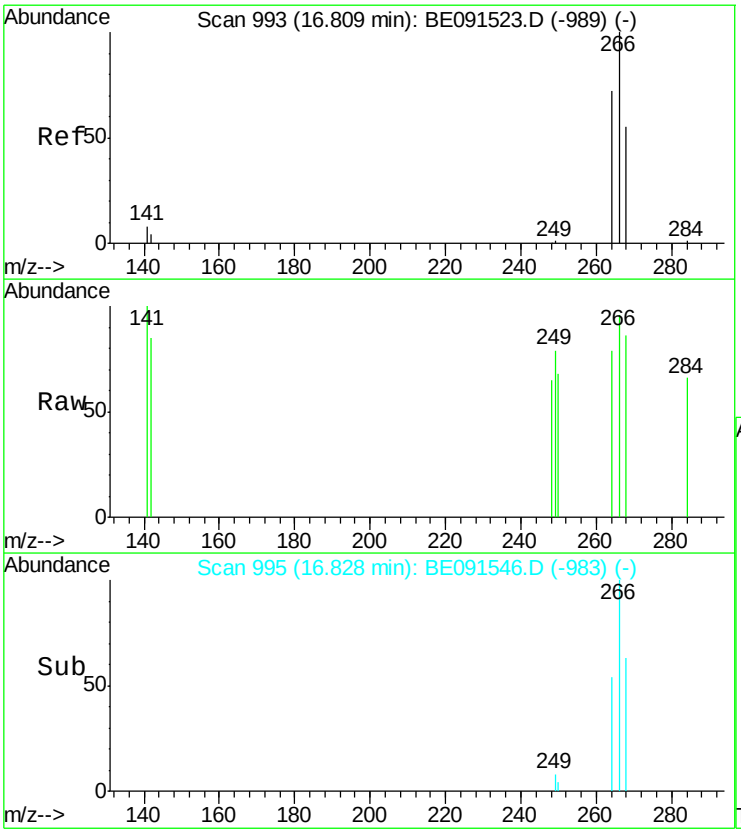
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:188 Resp: 223371

Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.4	8.2#
80	4.2	5.0	7.4#

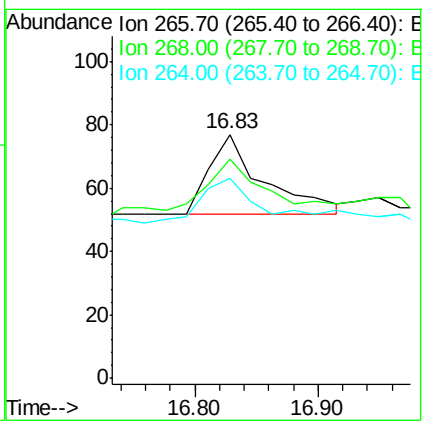


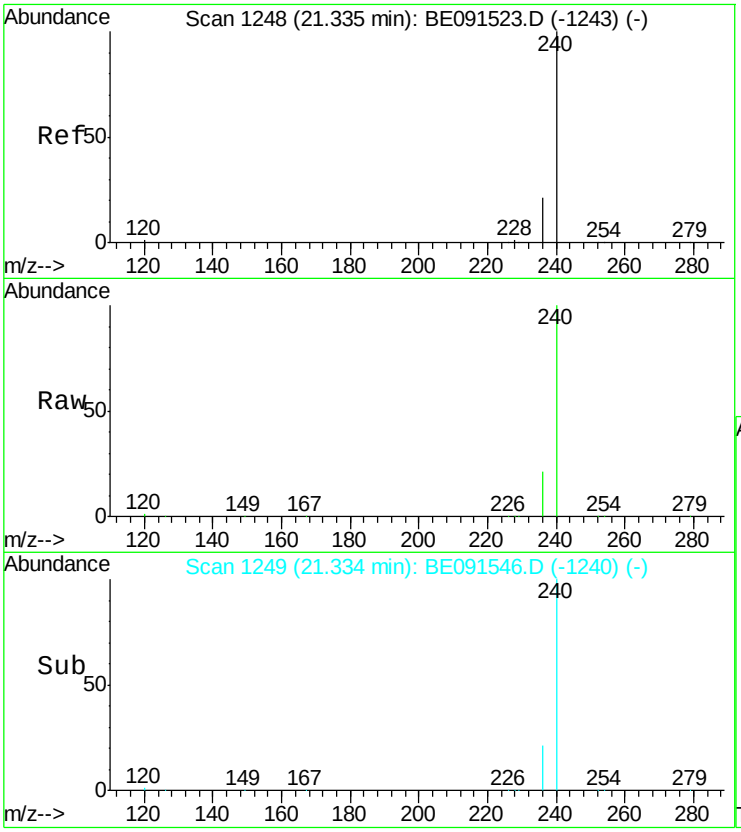


#18
Pentachlorophenol
Concen: 0.22 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:266 Resp: 76

Ion	Ratio	Lower	Upper
266	100		
268	89.6	48.2	72.2#
264	81.8	52.1	78.1#



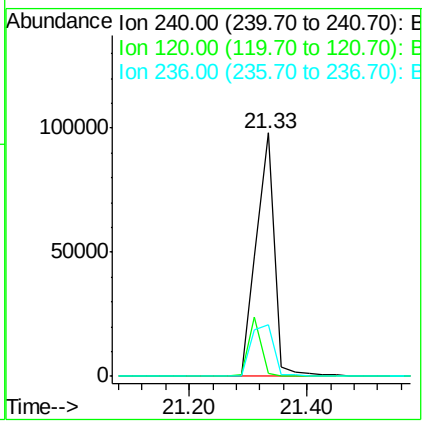


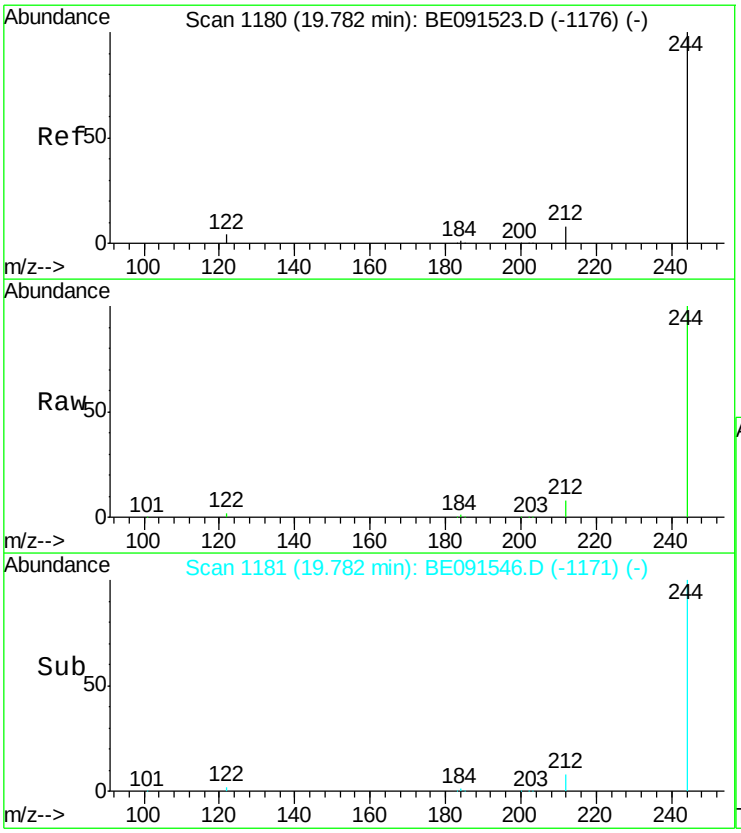
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:240 Resp: 211743

Ion	Ratio	Lower	Upper
240	100		
120	1.0	4.0	6.0#
236	21.2	23.0	34.4#

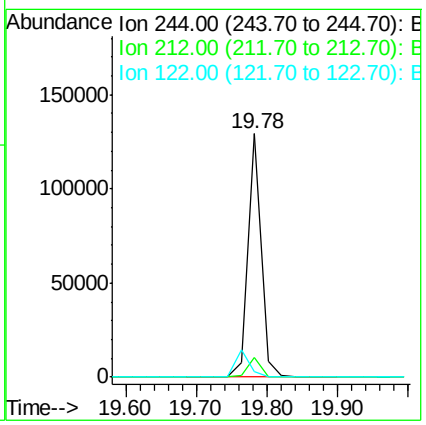


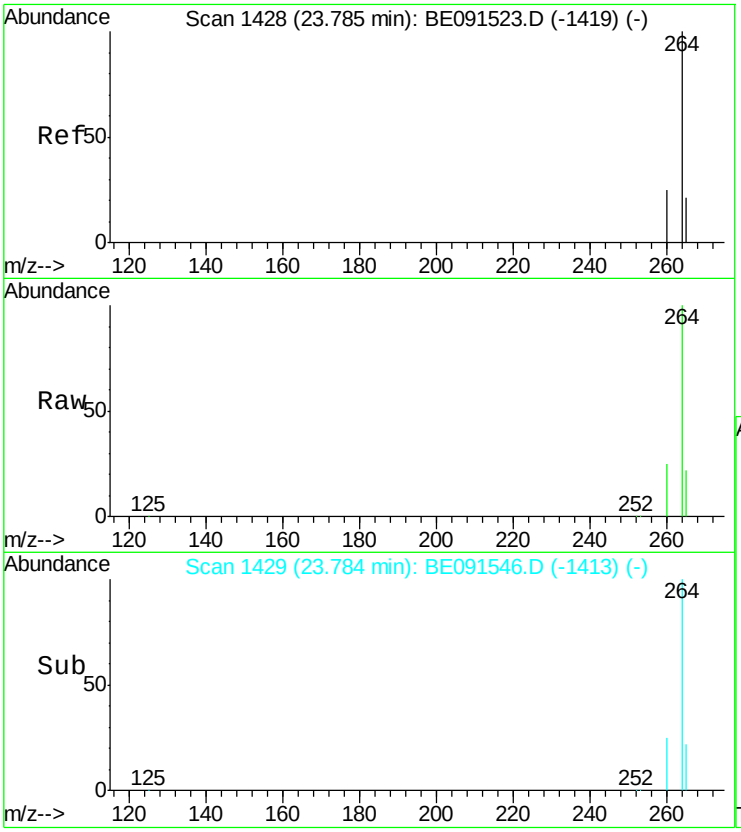


#24
Terphenyl-d14
Concen: 4.89 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:244 Resp: 170078

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	2.2	1.8	2.8



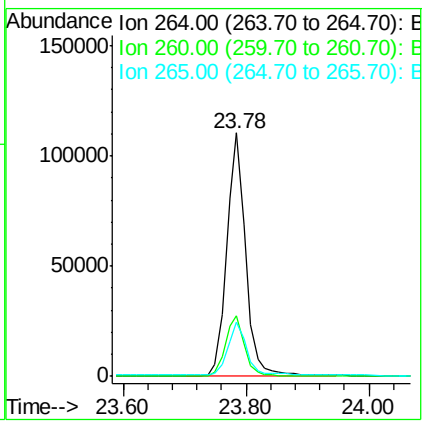


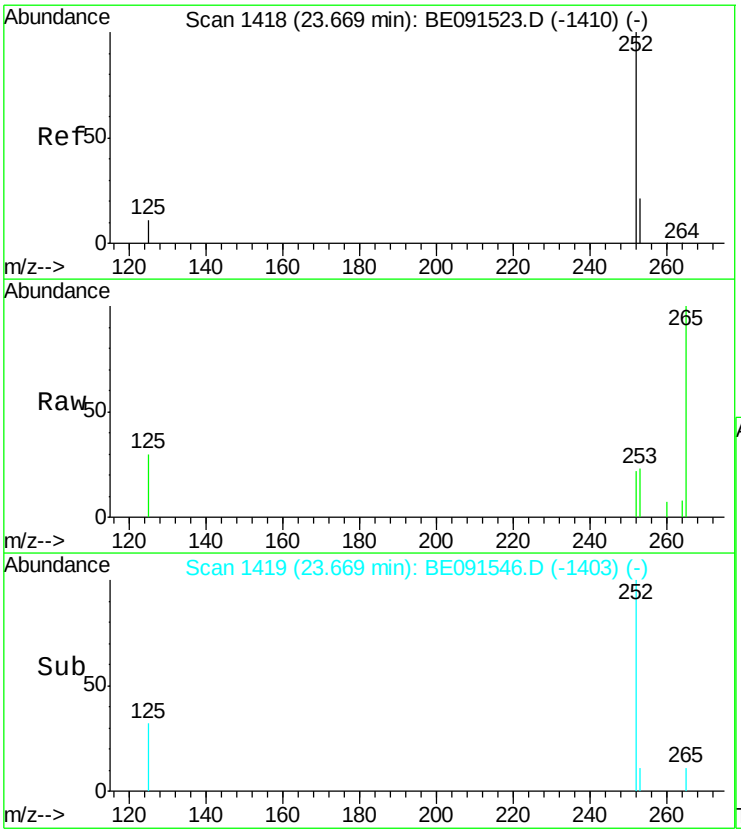
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:264 Resp: 235573

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.5	18.3	27.5





#31
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.67 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:252 Resp: 65

Ion	Ratio	Lower	Upper
252	100		
253	104.8	19.4	29.0#
125	134.3	11.4	17.2#