Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091544.D
Acq On : 28 Mar 2016 19:08
Operator : UM/SJ
Sample : PB89151BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB89151BL

Quant Time: Mar 29 01:07:17 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	32154	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	147737	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	85625	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	225844	5.00	ng	0.00
22) Chrysene-d12	21.34	240	232603	5.00	ng	0.00
28) Perylene-d12	23.78	264	253116	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	47581	7.59	ng	-0.02
5) Phenol-d6	6.97	99	65558	7.66	ng	-0.02
7) Nitrobenzene-d5	8.97	82	22780	3.55	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	13304	9.13	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	90410	3.75	ng	-0.01
24) Terphenyl-d14	19.78	244	147719	3.86	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.69	42	65	0.11	ng	# 4
31) Benzo(a)pyrene	23.78	252	994	0.22	ng	# 33

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

Quantitation Report (Not Reviewed)

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Acq On : 28 Mar 2016 19:08
Operator : UM/SJ
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Misc :
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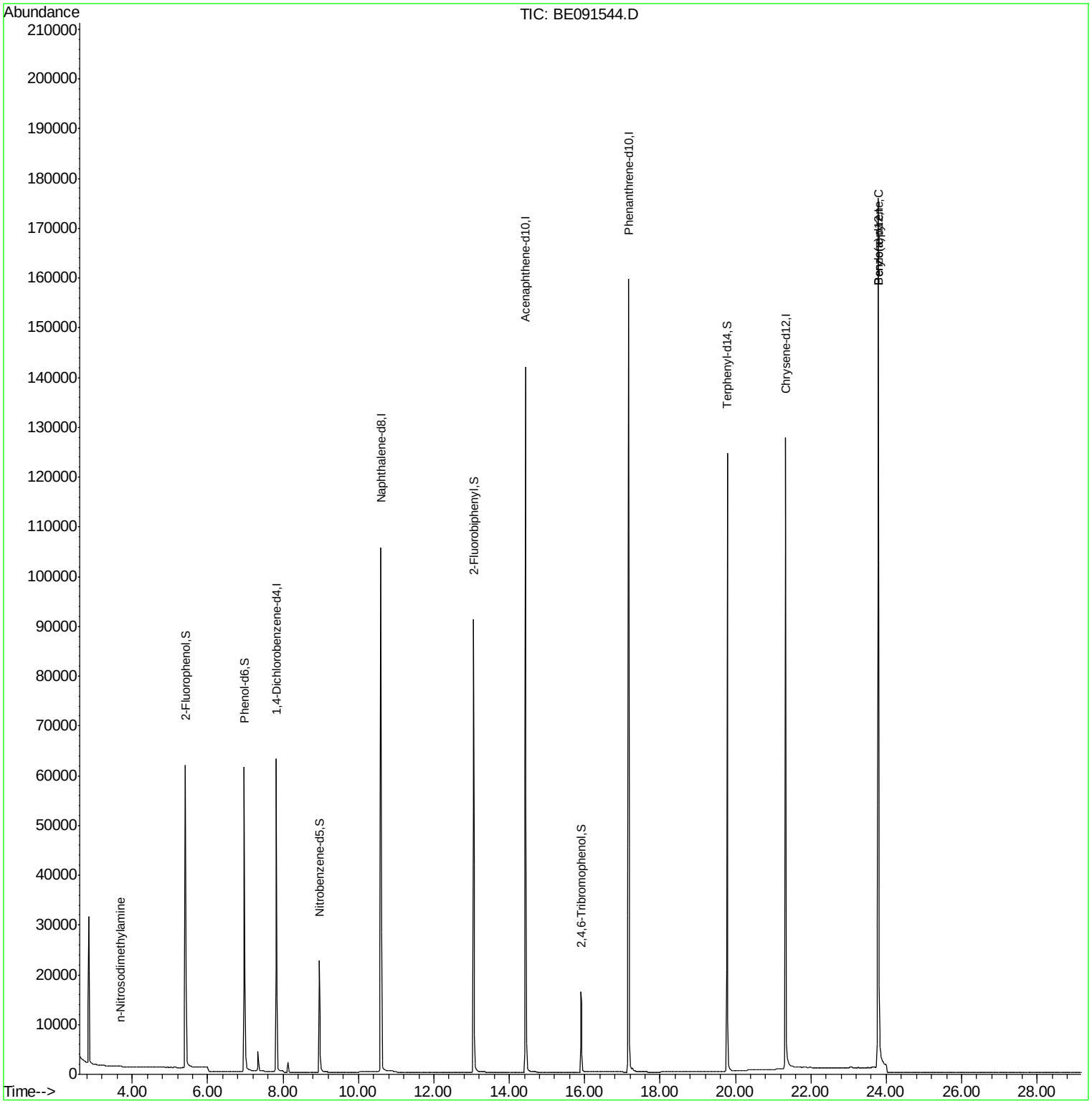
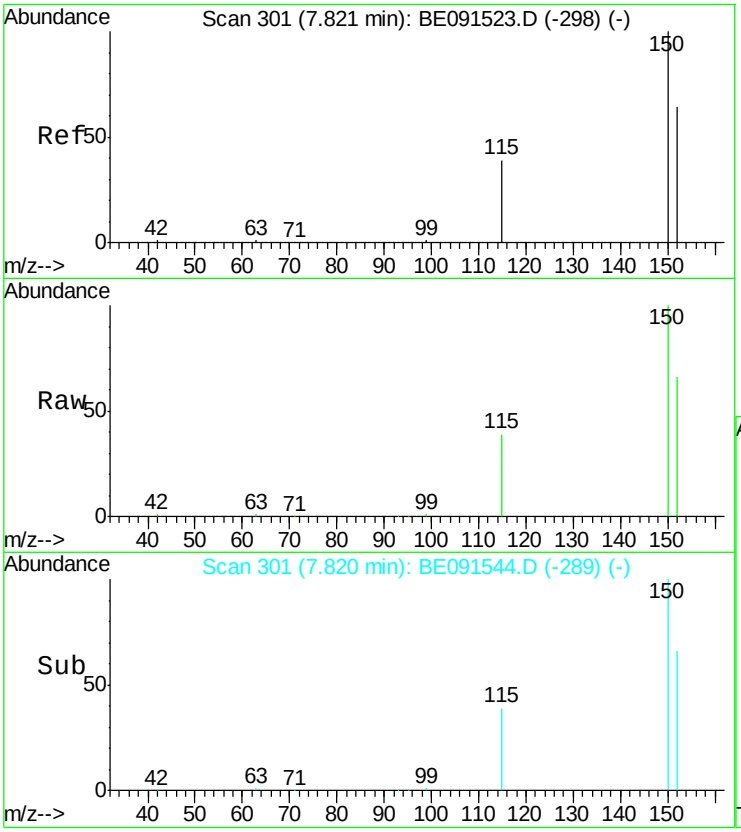
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration



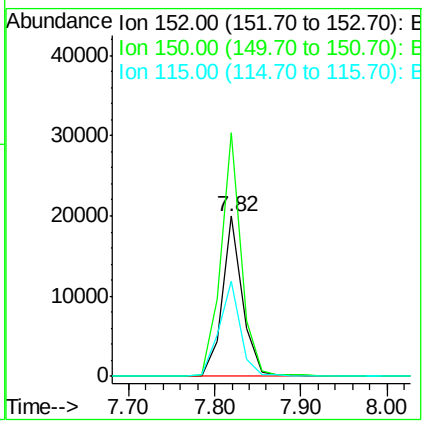


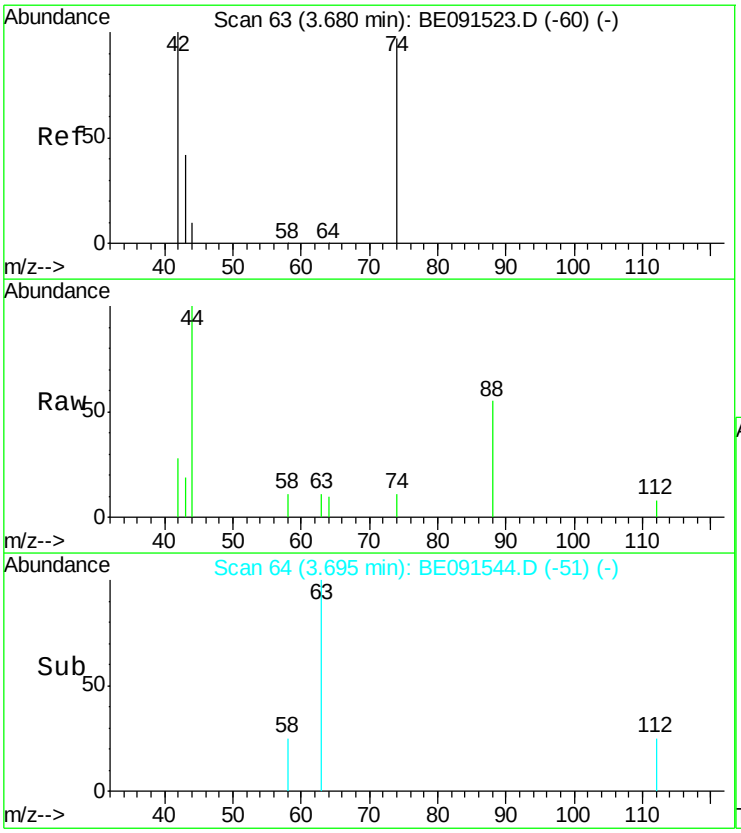
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:152 Resp: 32154

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.2	183.2
115	59.1	45.9	68.9

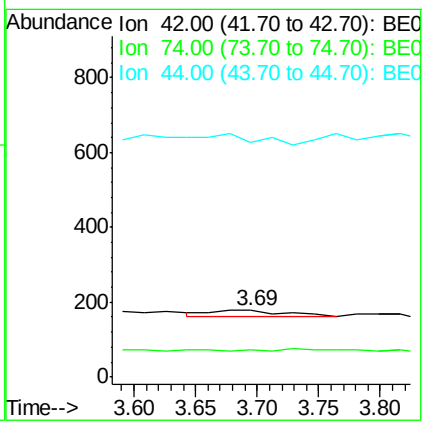


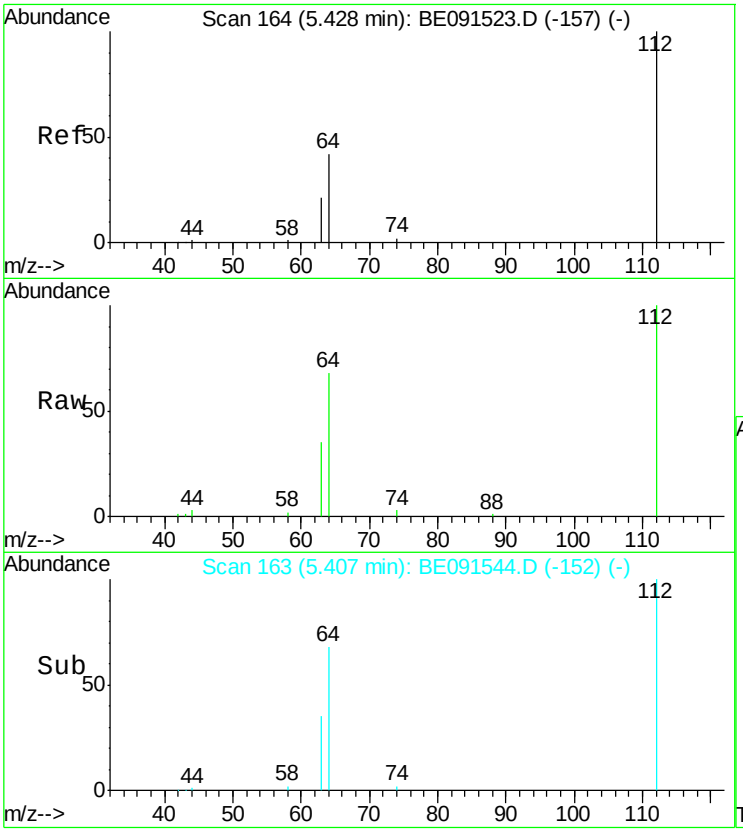


#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.69 min Scan# 64
Delta R.T. 0.02 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.3	126.5#
44	0.0	6.7	10.1#



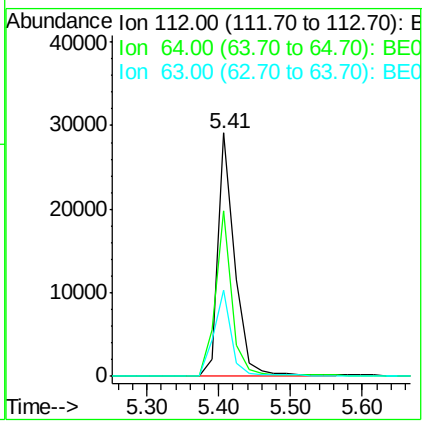


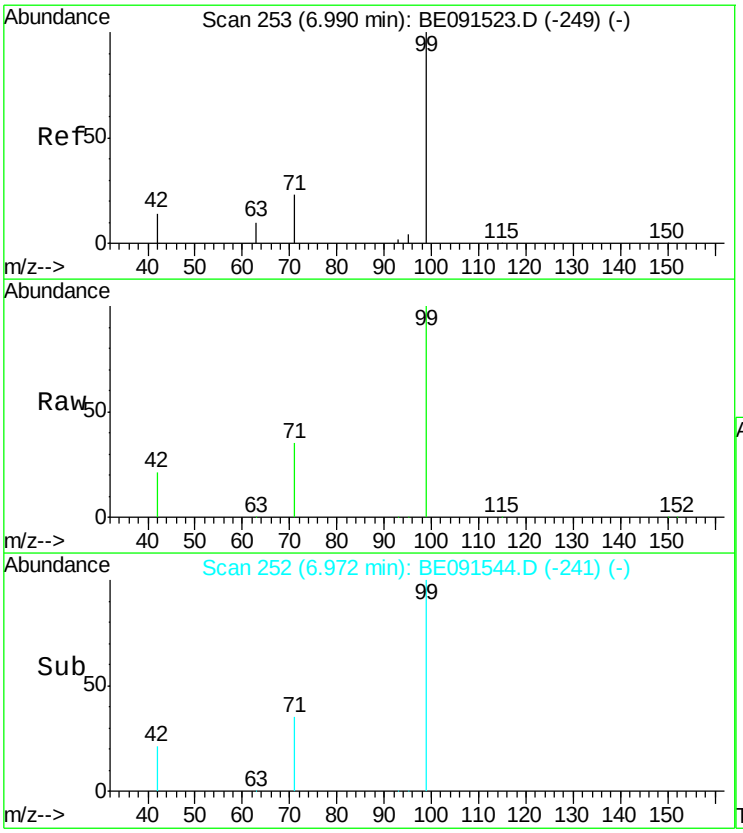
#4
2-Fluorophenol
Concen: 7.59 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:112 Resp: 47581

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.3	79.9
63	37.1	29.8	44.8

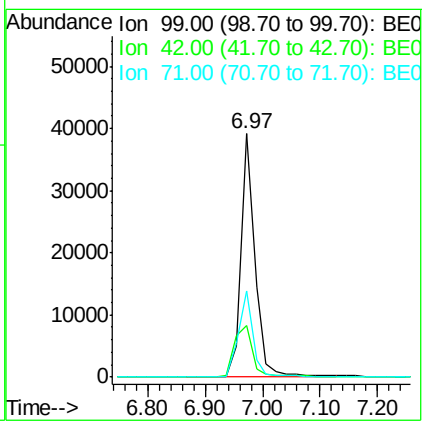


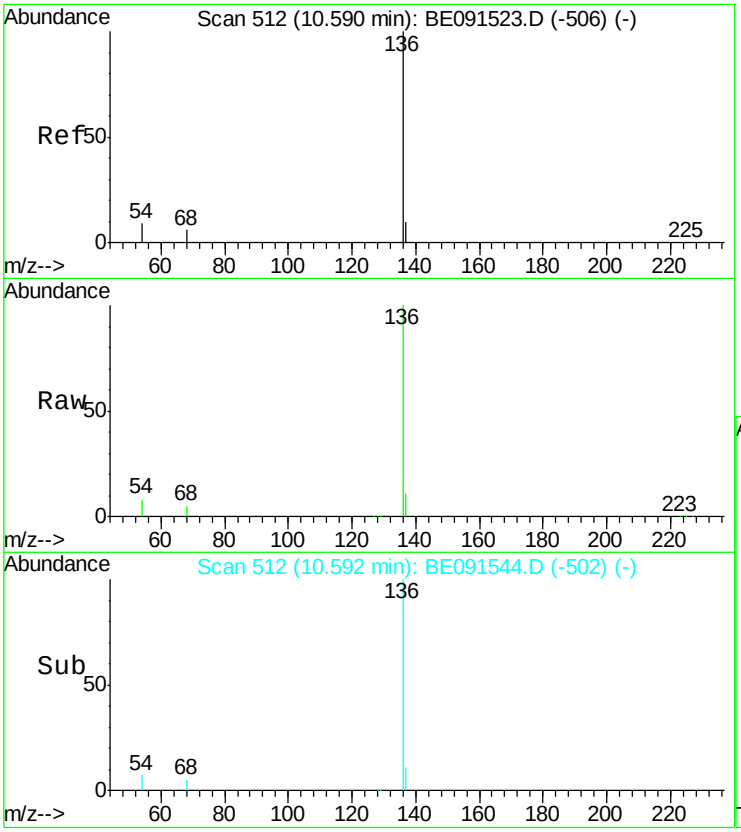


#5
Phenol-d6
Concen: 7.66 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion: 99 Resp: 65558

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.6	30.8
71	36.8	29.0	43.4



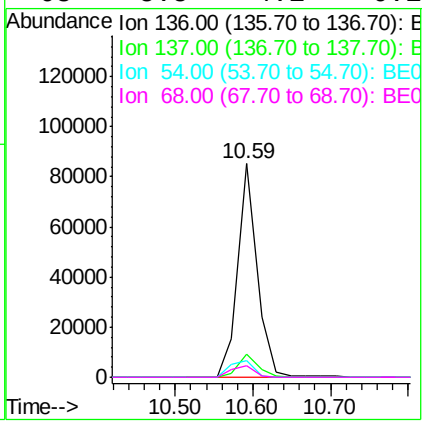


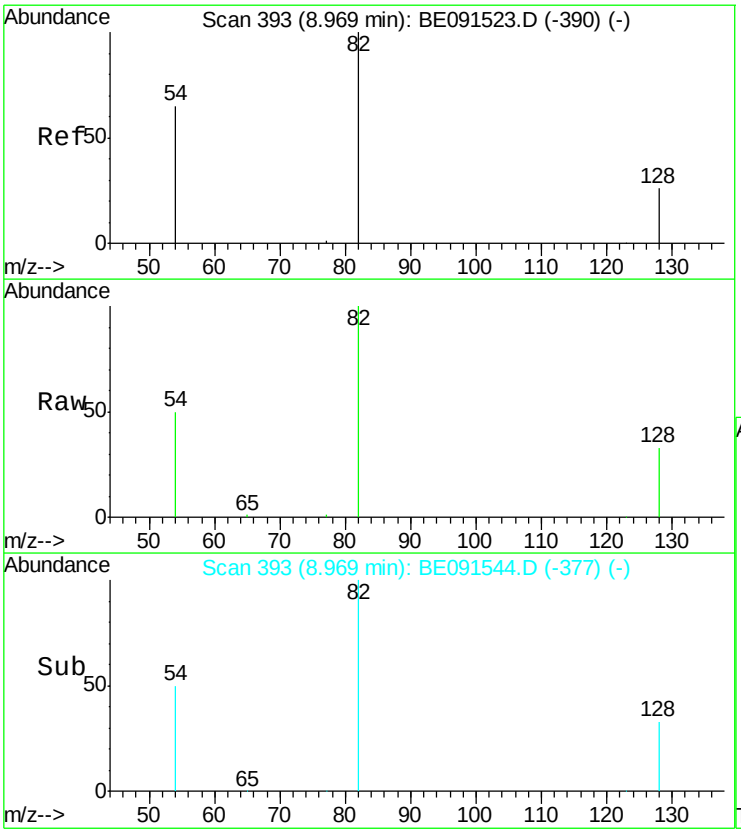
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:136 Resp: 147737

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	5.2	7.8
68	5.5	4.1	6.1

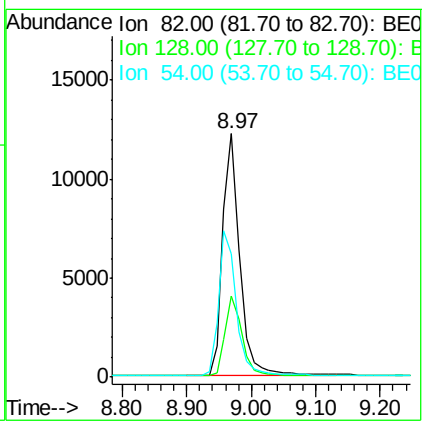


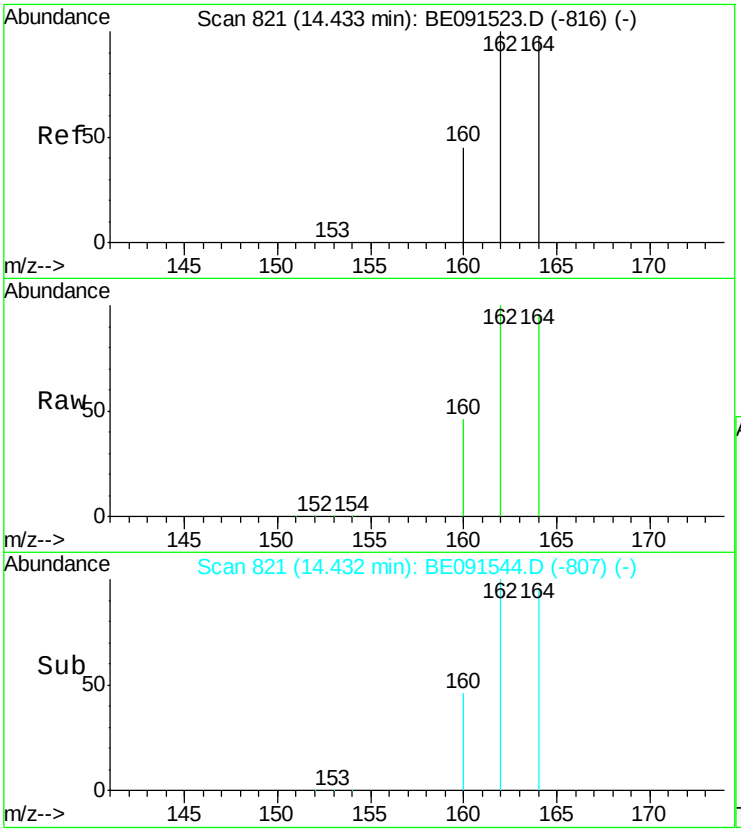


#7
Nitrobenzene-d5
Concen: 3.55 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion: 82 Resp: 22780

Ion	Ratio	Lower	Upper
82	100		
128	33.4	23.5	35.3
54	50.5	52.4	78.6#



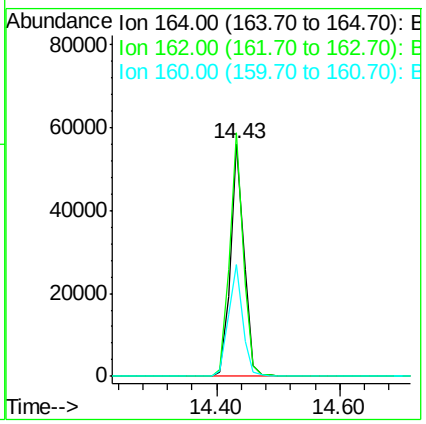


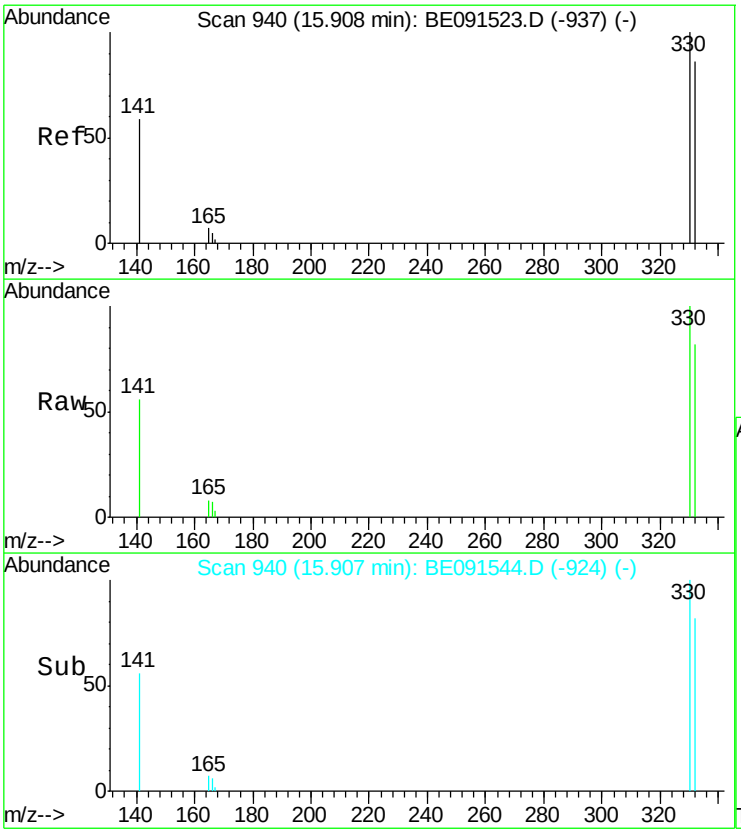
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:164 Resp: 85625

Ion	Ratio	Lower	Upper
164	100		
162	104.6	84.4	126.6
160	47.9	37.7	56.5

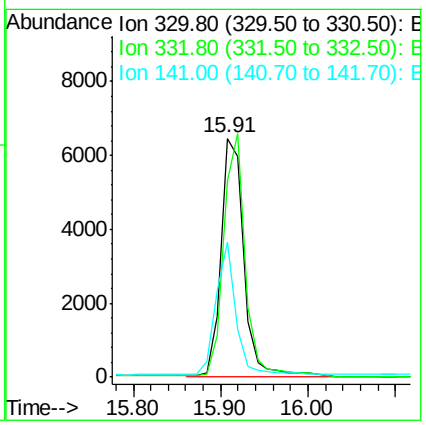


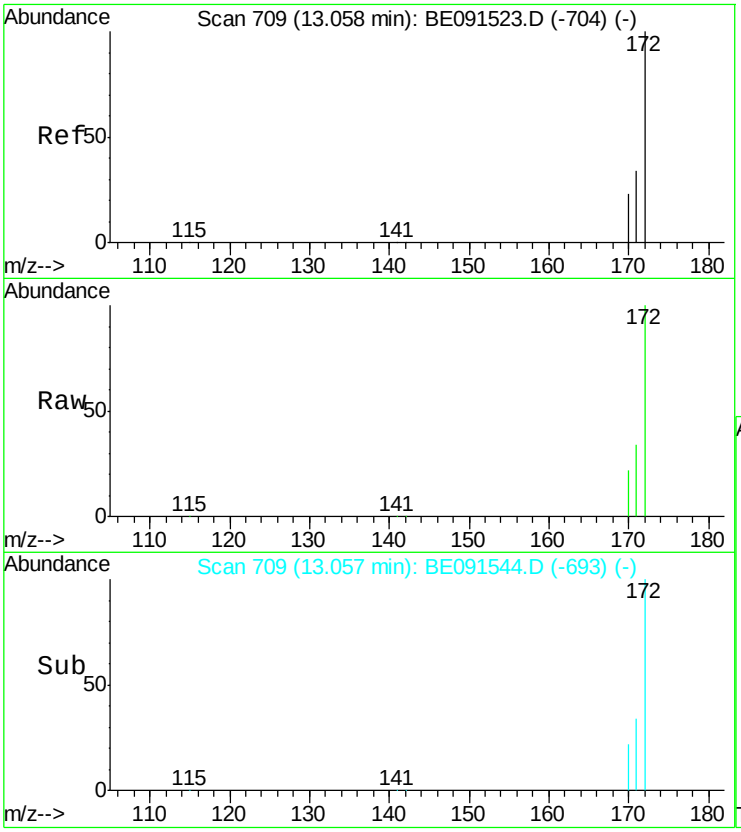


#11
2,4,6-Tribromophenol
Concen: 9.13 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion:330 Resp: 13304

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.2	118.8
141	47.2	28.1	42.1#



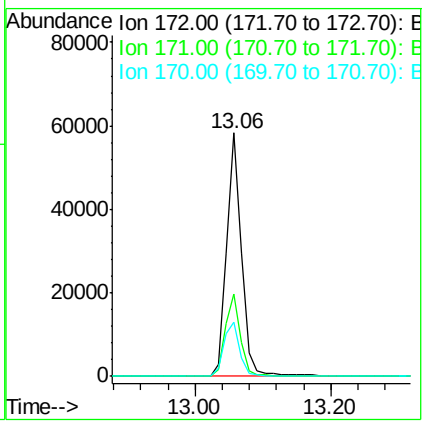


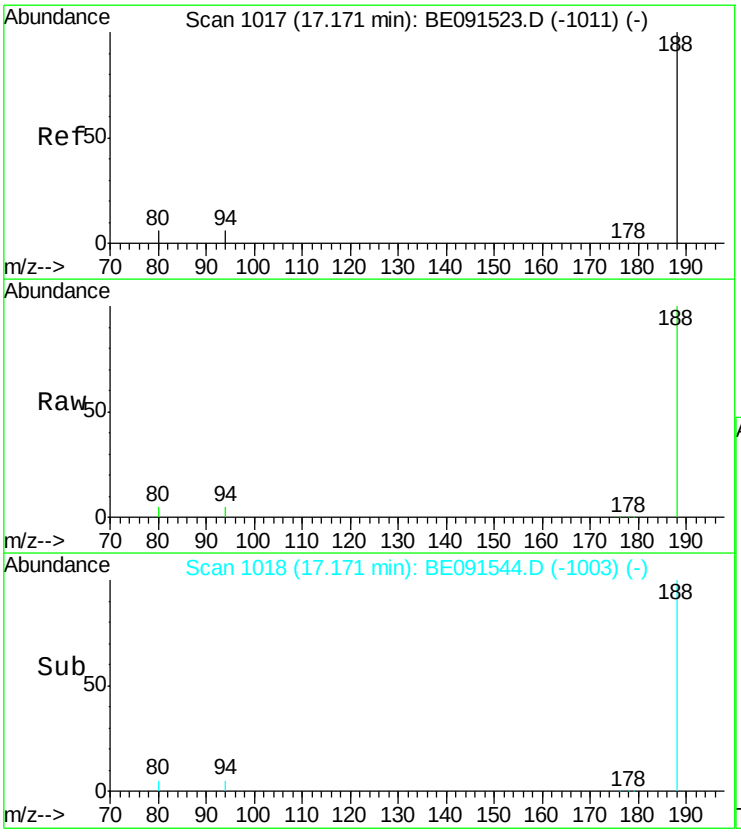
#12
2-Fluorobiphenyl
Concen: 3.75 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:172 Resp: 90410

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.8	44.8
170	22.3	21.4	32.2

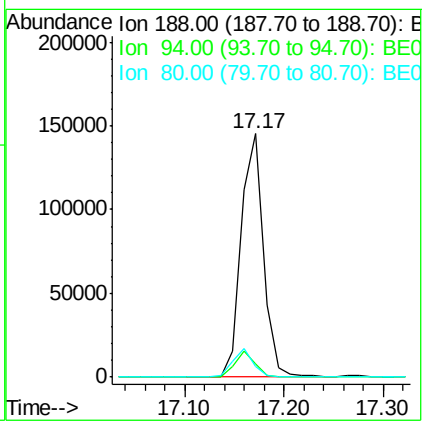


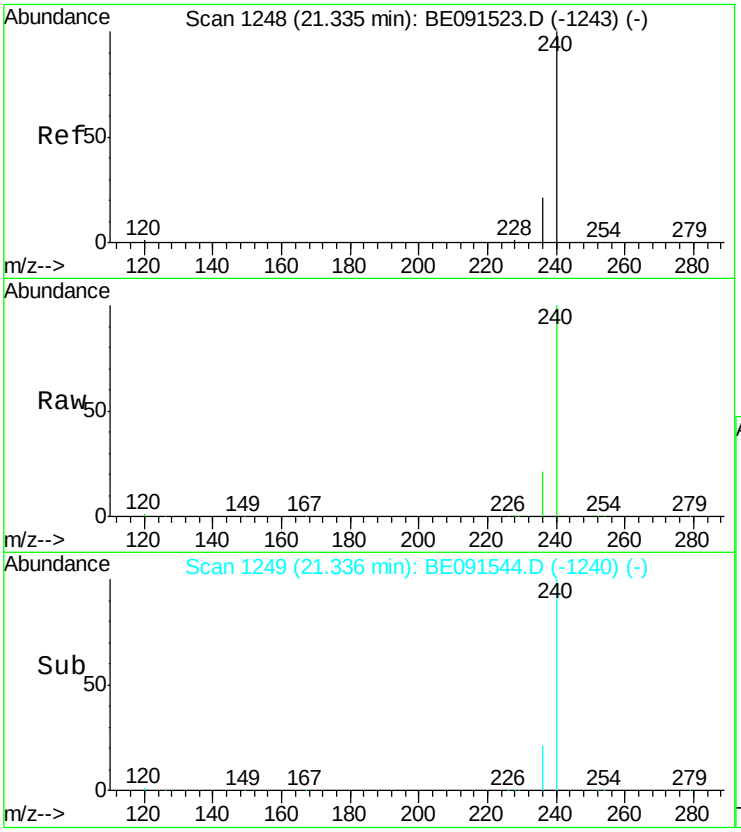


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion:188 Resp: 225844

Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.4	8.2#
80	4.5	5.0	7.4#



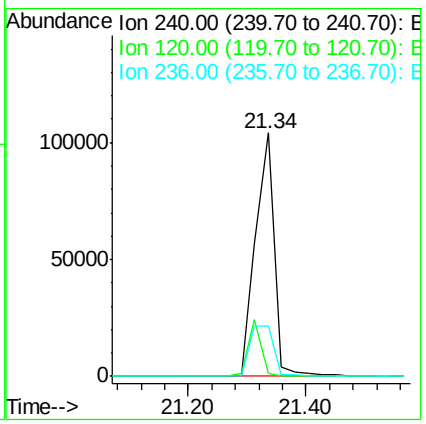


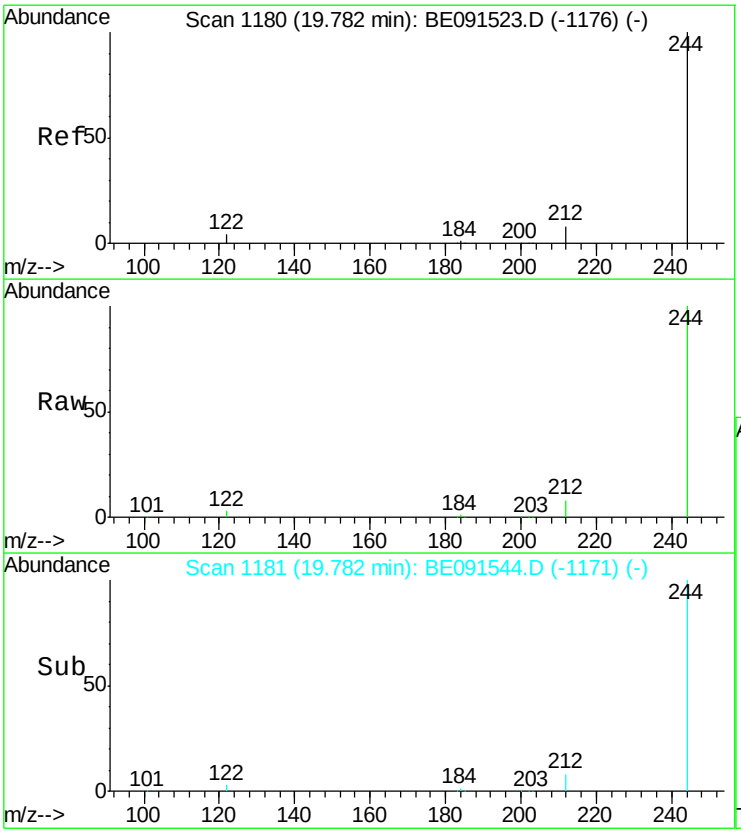
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:240 Resp: 232603

Ion	Ratio	Lower	Upper
240	100		
120	1.0	4.0	6.0#
236	20.7	23.0	34.4#

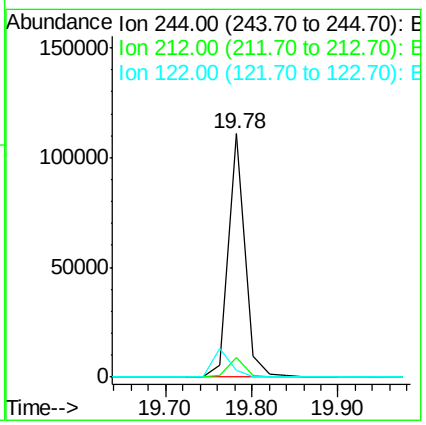


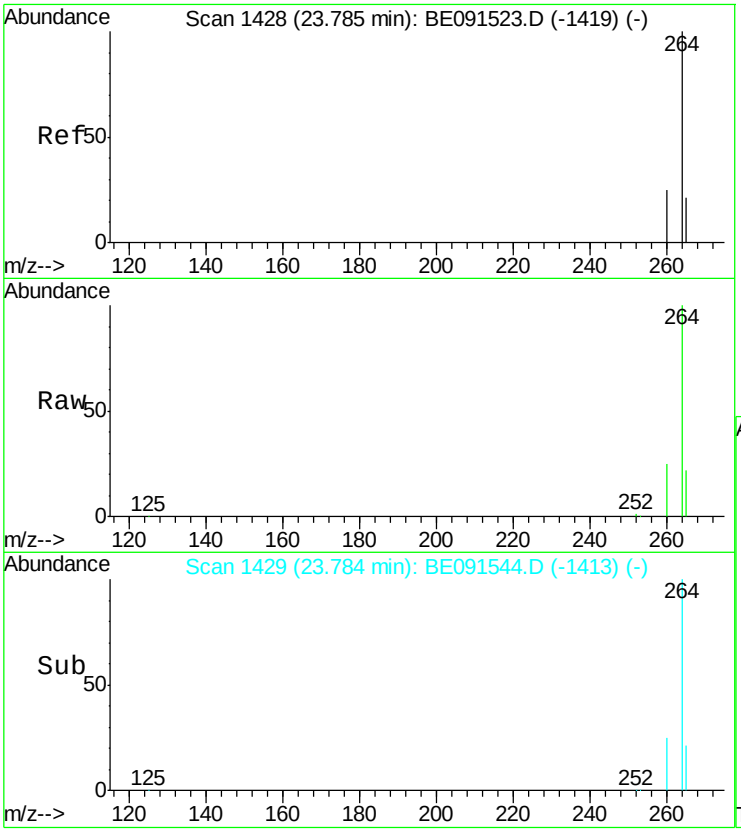


#24
Terphenyl-d14
Concen: 3.86 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion:244 Resp: 147719

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	2.6	1.8	2.8



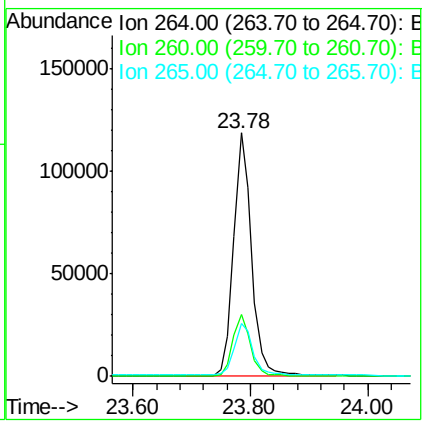


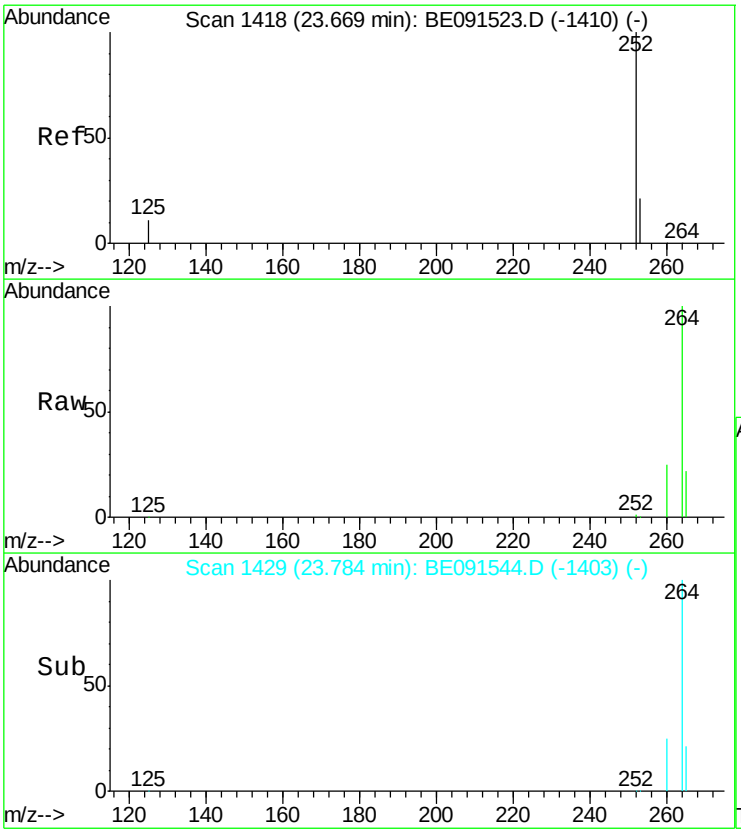
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Instrument :
BNA_E
ClientSampleId :
PB89151BL

Tgt Ion:264 Resp: 253116

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.8	18.3	27.5





#31
Benzo(a)pyrene
Concen: 0.22 ng
RT: 23.78 min Scan# 1429
Delta R.T. 0.10 min
Lab File: BE091544.D
Acq: 28 Mar 2016 19:08

Tgt Ion:252 Resp: 994

Ion	Ratio	Lower	Upper
252	100		
253	53.1	19.4	29.0#
125	48.0	11.4	17.2#