Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092986.D
Acq On : 10 May 2017 17:40
Operator : SJ/MA
Sample : I2893-17RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3076-FBRE

Quant Time: May 11 05:10:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	763	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3013	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	542	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3088	0.40	ng		0.00
26) Chrysene-d12	21.28	240	1517	0.40	ng		0.00
33) Perylene-d12	23.71	264	27	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	345	0.16	ng		0.00
5) Phenol-d6	6.94	99	434	0.16	ng		0.00
8) Nitrobenzene-d5	8.90	82	842	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1595	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	140	0.99	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	2310	1.14	ng		0.00
24) Fluoranthene-d10	19.15	212	1253	0.16	ng		0.00
28) Terphenyl-d14	19.74	244	2239	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	745	0.47	ng	#	84
3) n-Nitrosodimethylamine	3.59	42	37	0.03	ng	#	23
12) 2-Methylnaphthalene	12.19	142	98	0.02	ng	#	44
18) Fluorene	15.43	166	91	0.04	ng		95
21) Pentachlorophenol	16.81	266	4	0.14	ng	#	83
22) Phenanthrene	17.18	178	235	0.03	ng	#	91
31) Bis(2-ethylhexyl)phthalate	21.20	149	228	0.11	ng	#	97
34) Benzo(b)fluoranthene	22.96	252	40	0.48	ng	#	1
35) Benzo(k)fluoranthene	22.96	252	39	0.44	ng	#	1
36) Benzo(a)pyrene	23.62	252	10	0.13	ng	#	1
37) Dibenzo(a,h)anthracene	26.27	278	34	0.44	ng	#	1
38) Benzo(g,h,i)perylene	27.02	276	76	0.23	ng	#	1

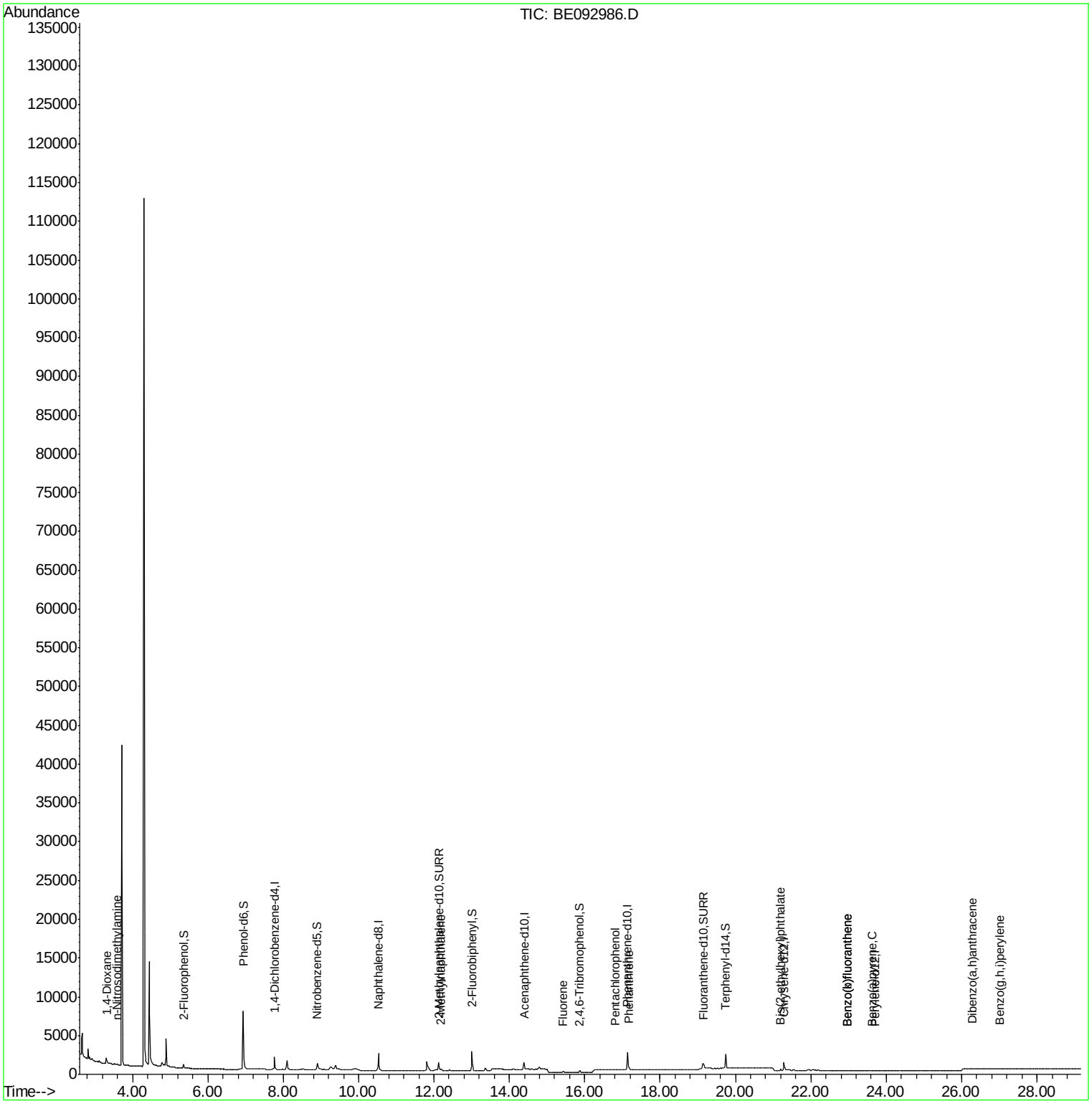
(#) = qualifier out of range (m) = manual integration (+) = signals summed

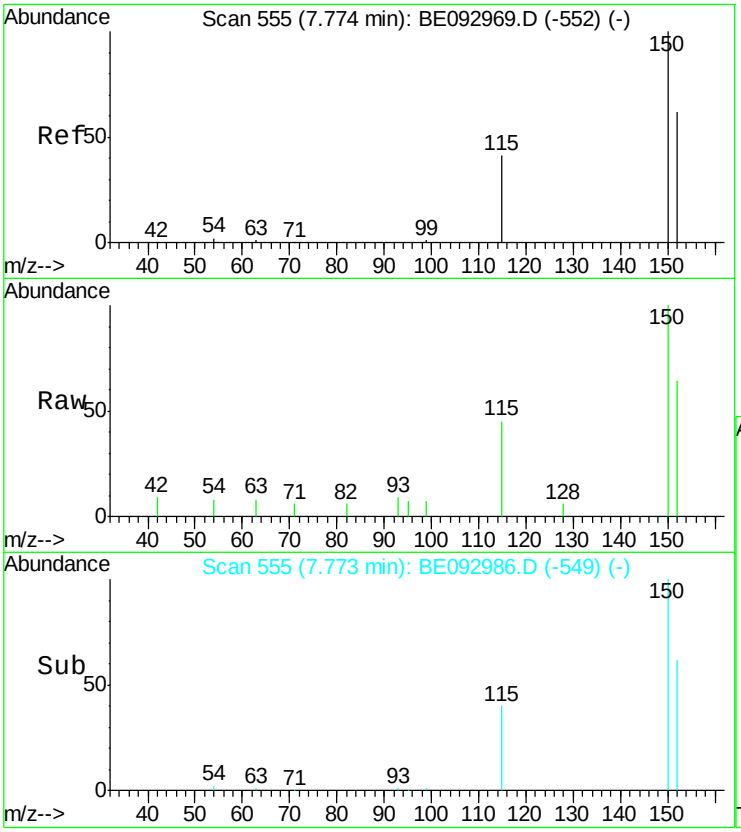
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092986.D
Acq On : 10 May 2017 17:40
Operator : SJ/MA
Sample : I2893-17RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Quant Time: May 11 05:10:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration



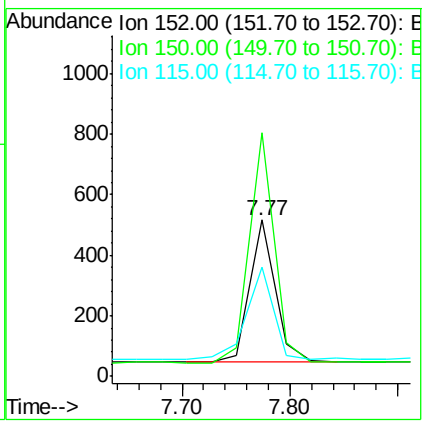


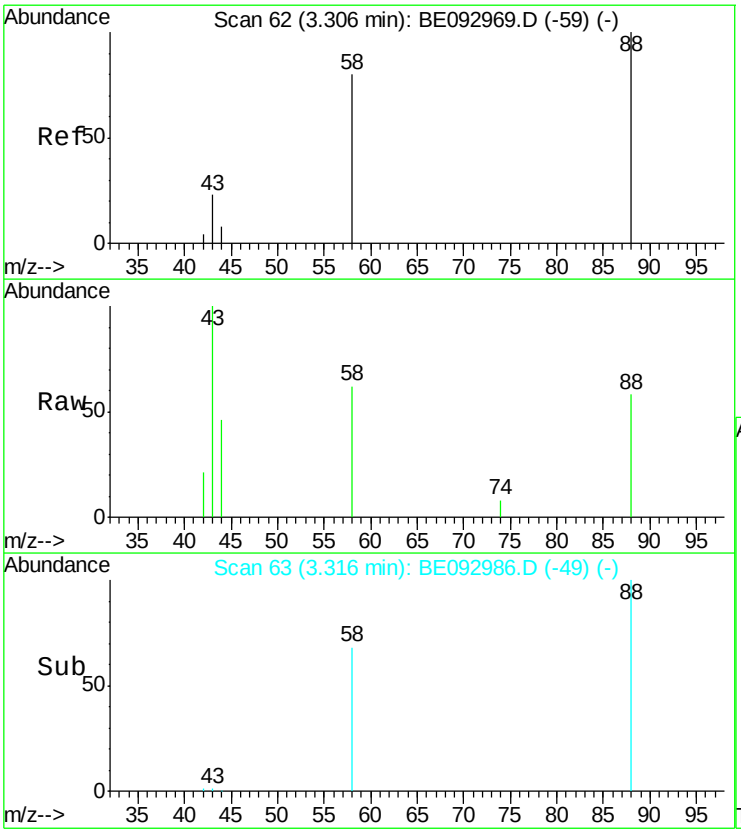
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:152 Resp: 763

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.1	187.7
115	69.4	55.7	83.5

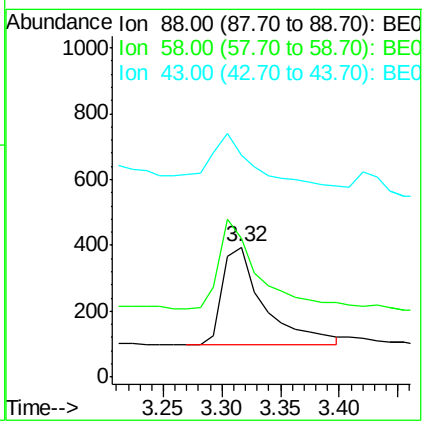


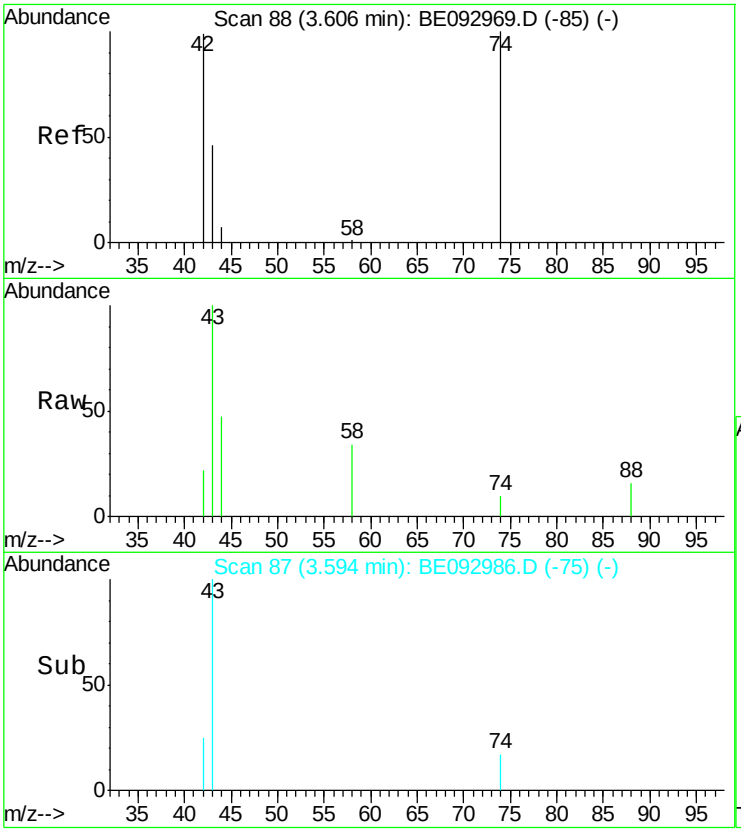


#2
1,4-Dioxane
Concen: 0.47 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion: 88 Resp: 745

Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.2	93.4
43	54.9	23.2	34.8#



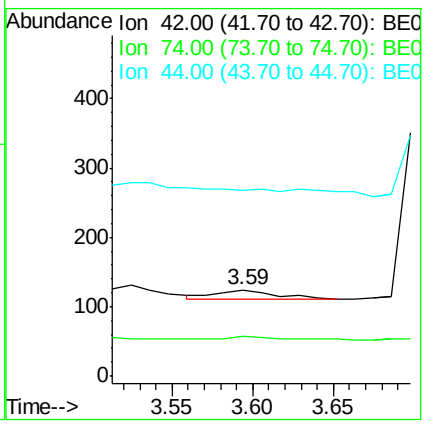


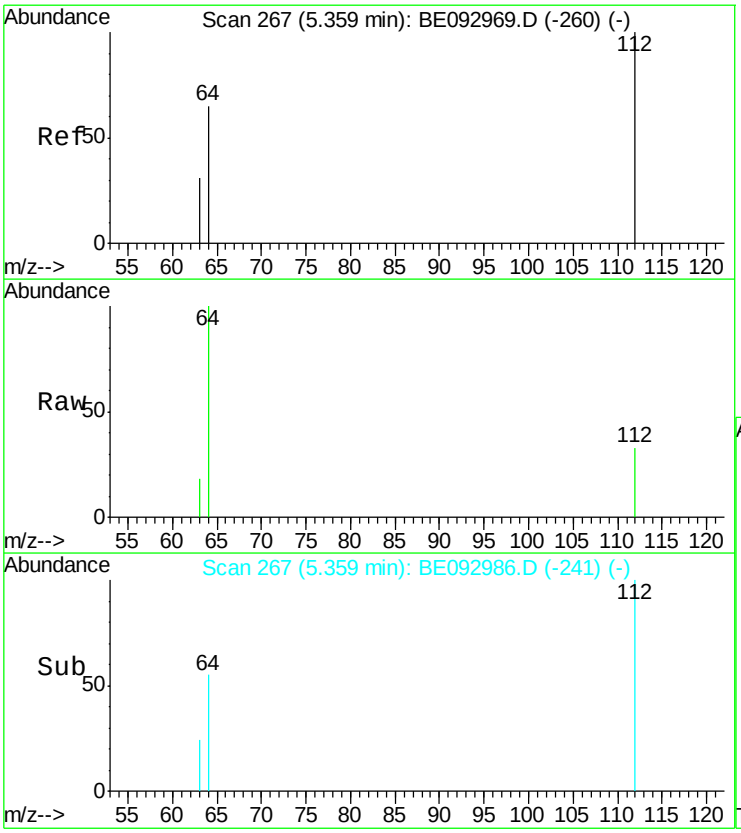
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion: 42 Resp: 37

Ion	Ratio	Lower	Upper
42	100		
74	32.4	99.1	148.7#
44	0.0	7.4	11.2#

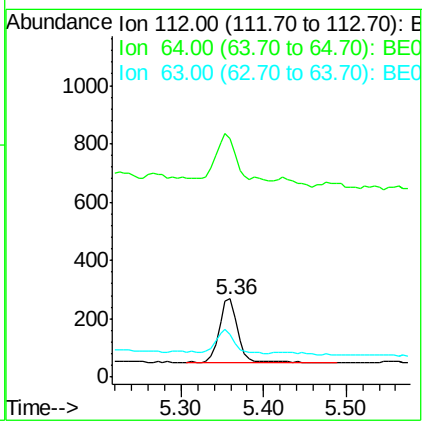


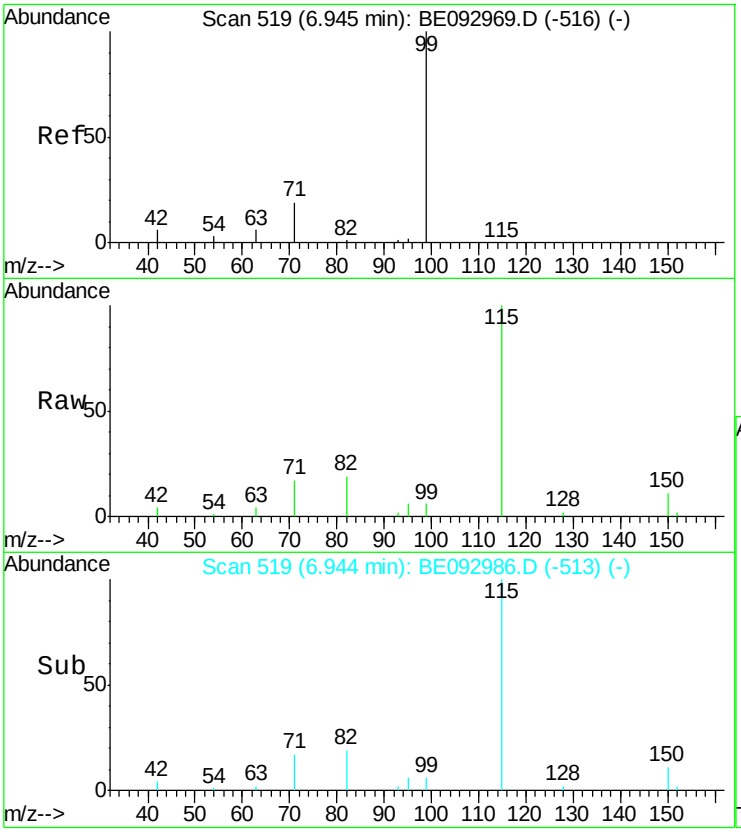


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:112 Resp: 345

Ion	Ratio	Lower	Upper
112	100		
64	79.1	56.4	84.6
63	36.2	29.3	43.9



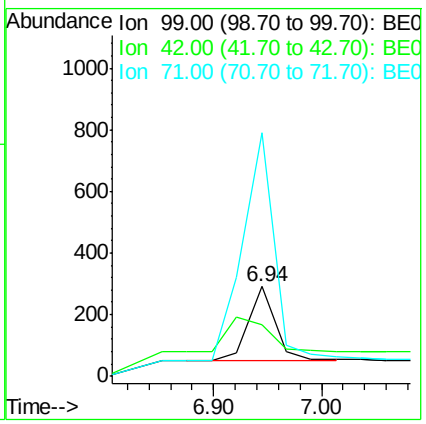


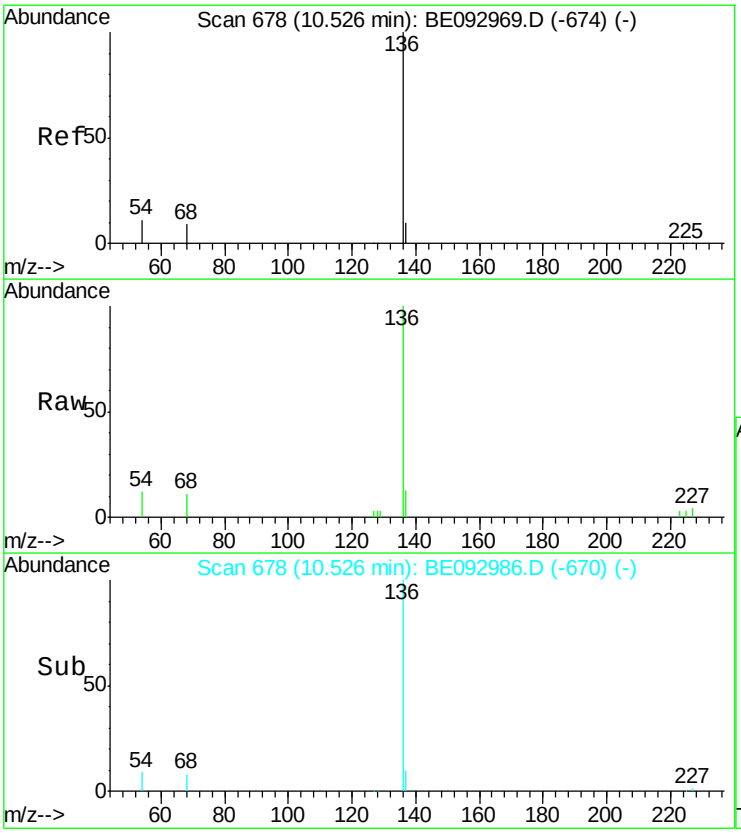
#5
Phenol-d6
Concen: 0.16 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion: 99 Resp: 434

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	352.3	0.0	0.0#

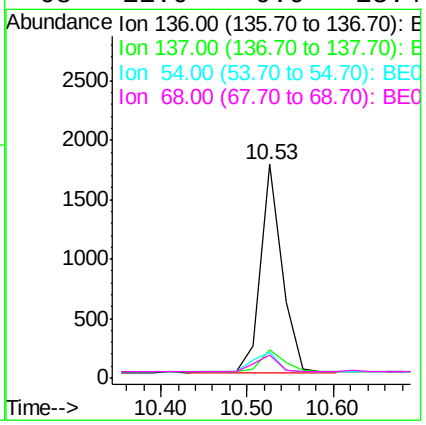


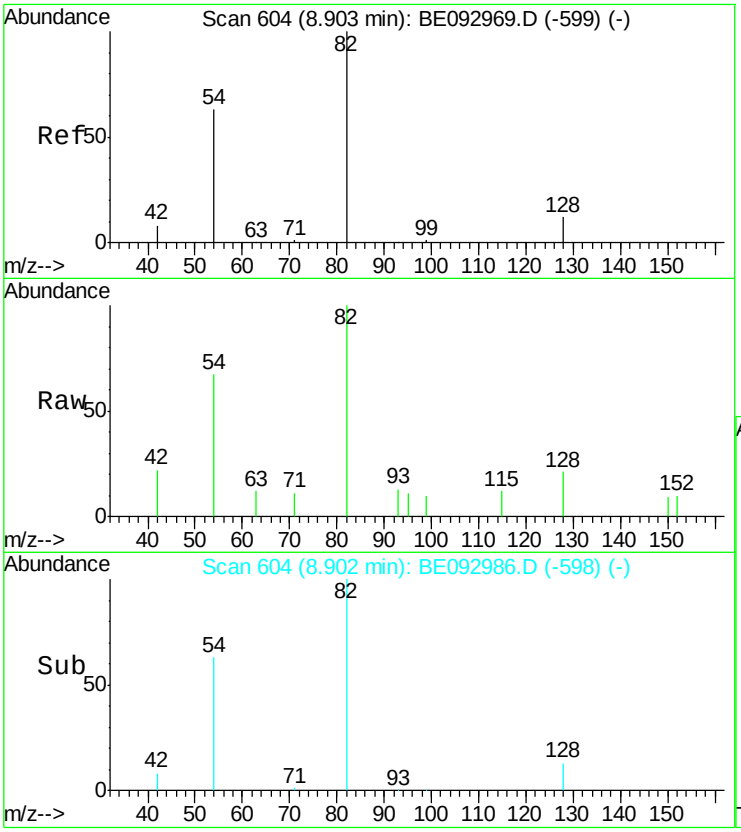


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:136 Resp: 3013

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.8	14.8
54	12.1	10.3	15.5
68	11.0	9.0	13.4



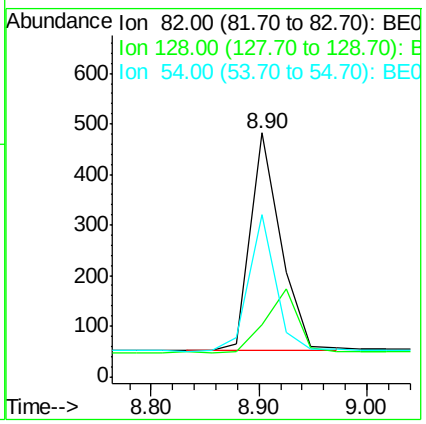


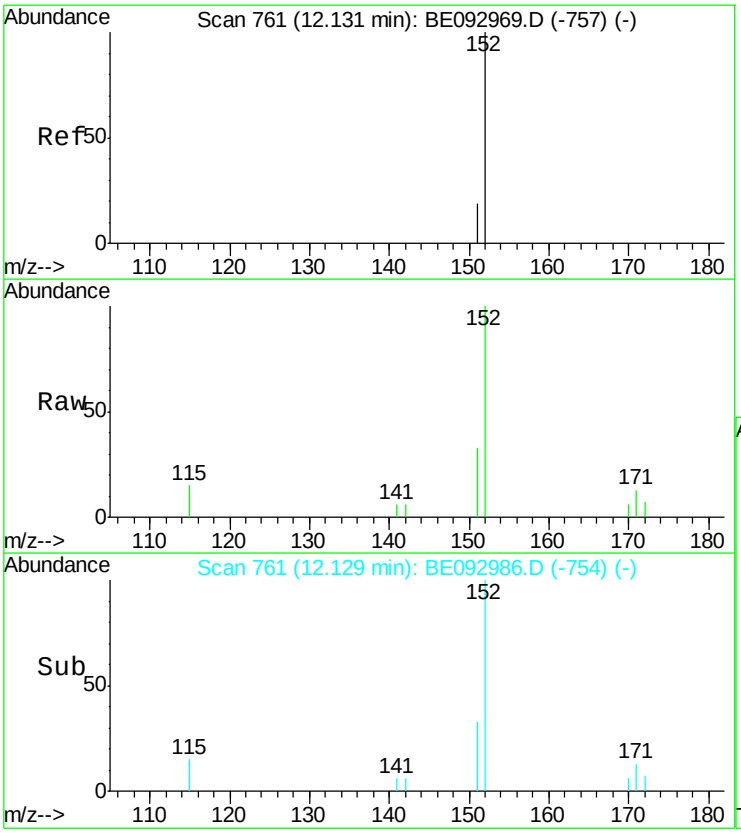
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion: 82 Resp: 842

Ion	Ratio	Lower	Upper
82	100		
128	21.2	17.0	25.4
54	66.6	53.8	80.6

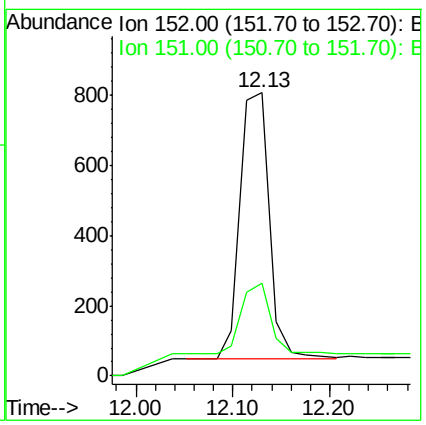


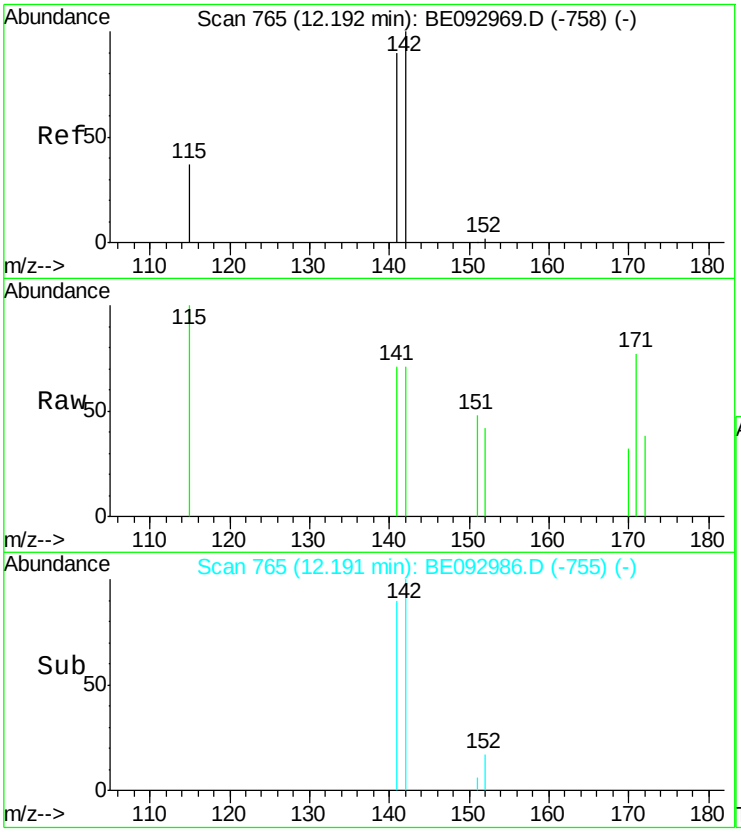


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:152 Resp: 1595

Ion	Ratio	Lower	Upper
152	100		
151	26.1	15.1	22.7#



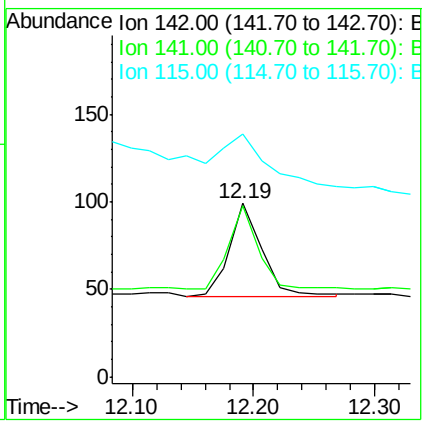


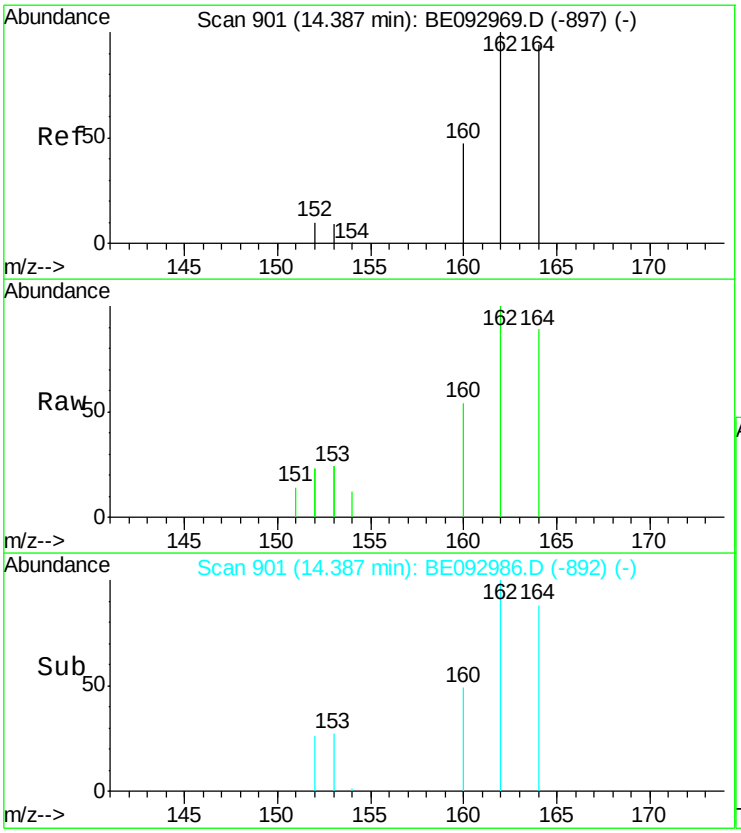
#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:142 Resp: 98

Ion	Ratio	Lower	Upper
142	100		
141	99.0	72.6	108.8
115	140.4	32.2	48.2#

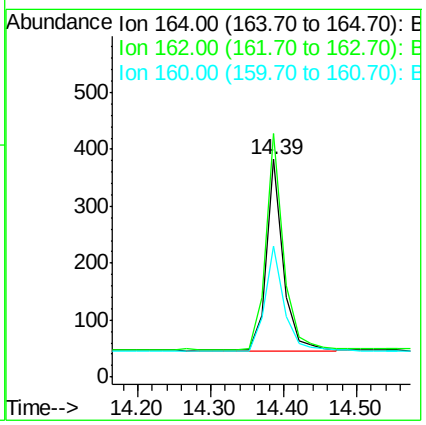


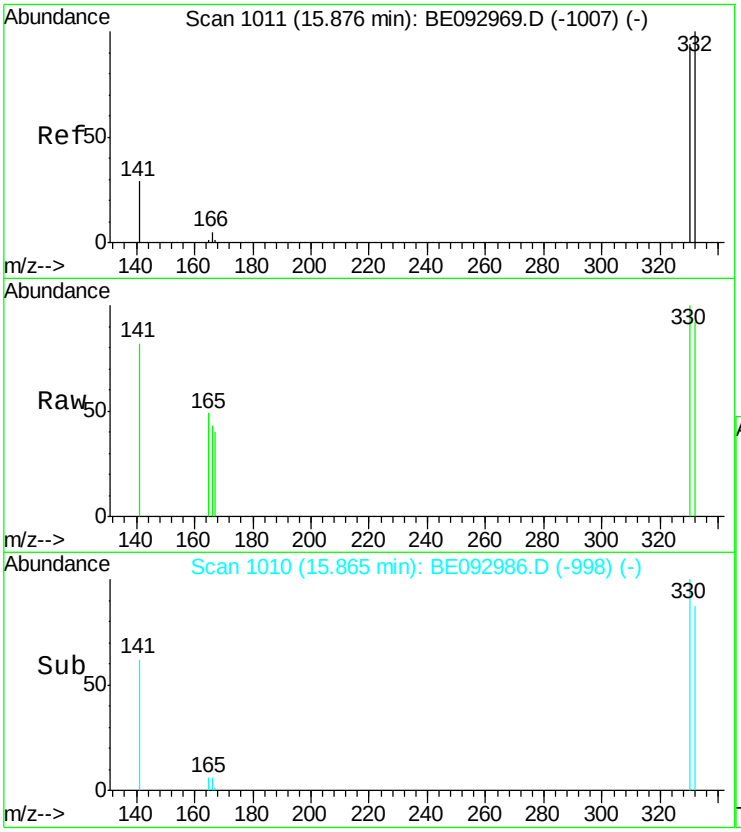


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:164 Resp: 542

Ion	Ratio	Lower	Upper
164	100		
162	112.0	84.6	127.0
160	60.5	41.8	62.6



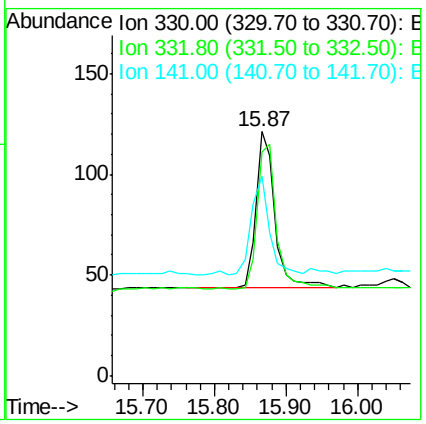


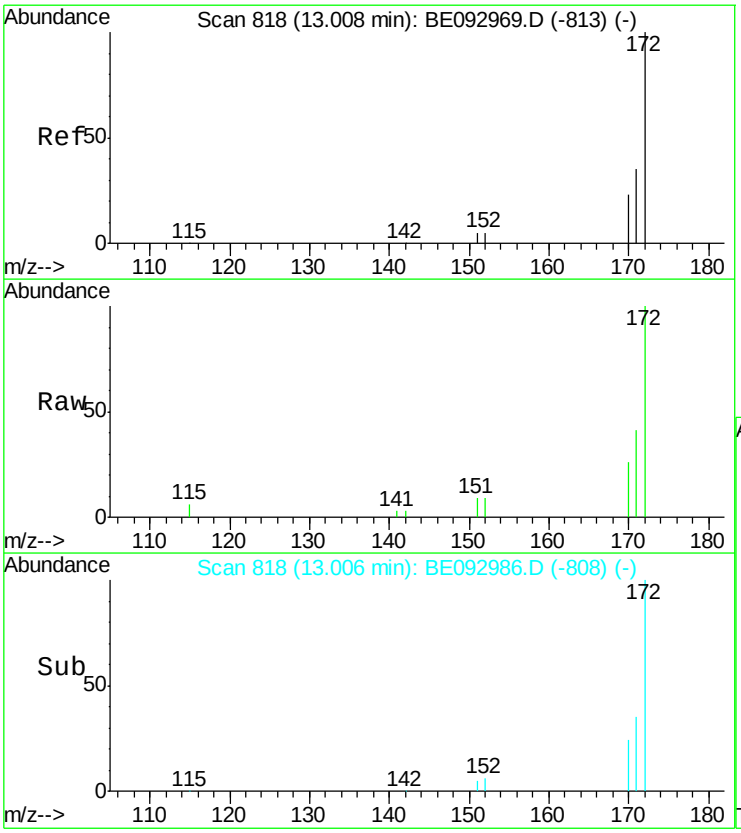
#14
2,4,6-Tribromophenol
Concen: 0.99 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.7	116.5
141	64.3	56.2	84.4

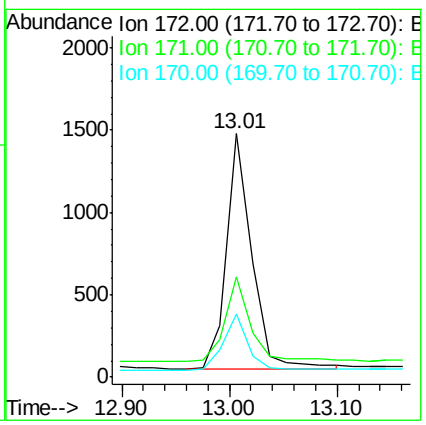


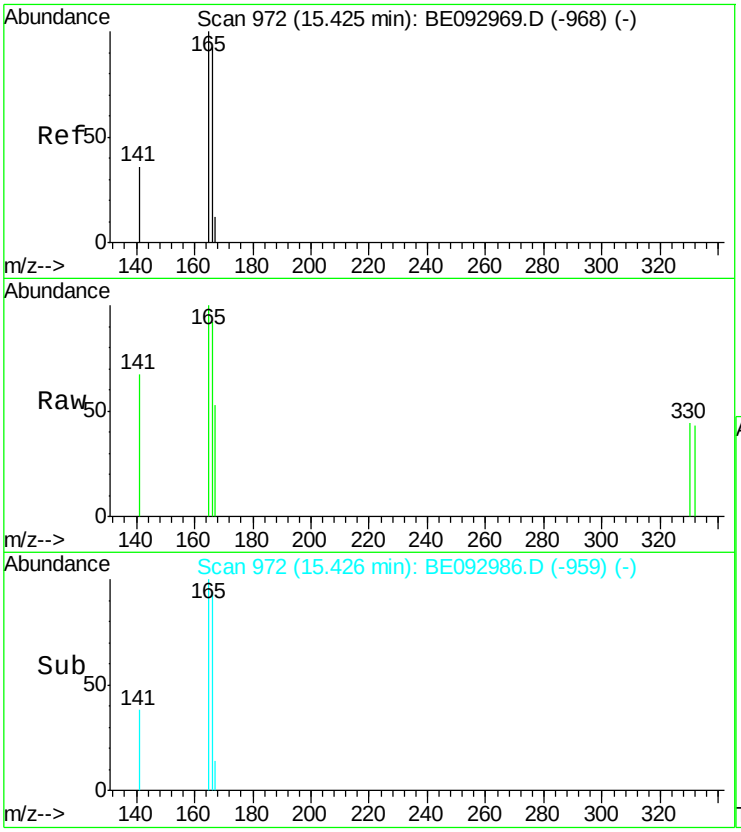


#15
2-Fluorobiphenyl
Concen: 1.14 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:172 Resp: 2310

Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.8	44.6
170	26.0	20.7	31.1



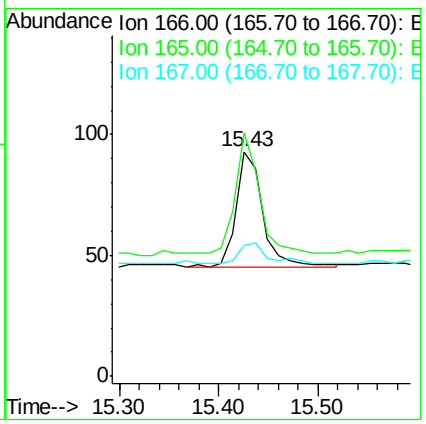


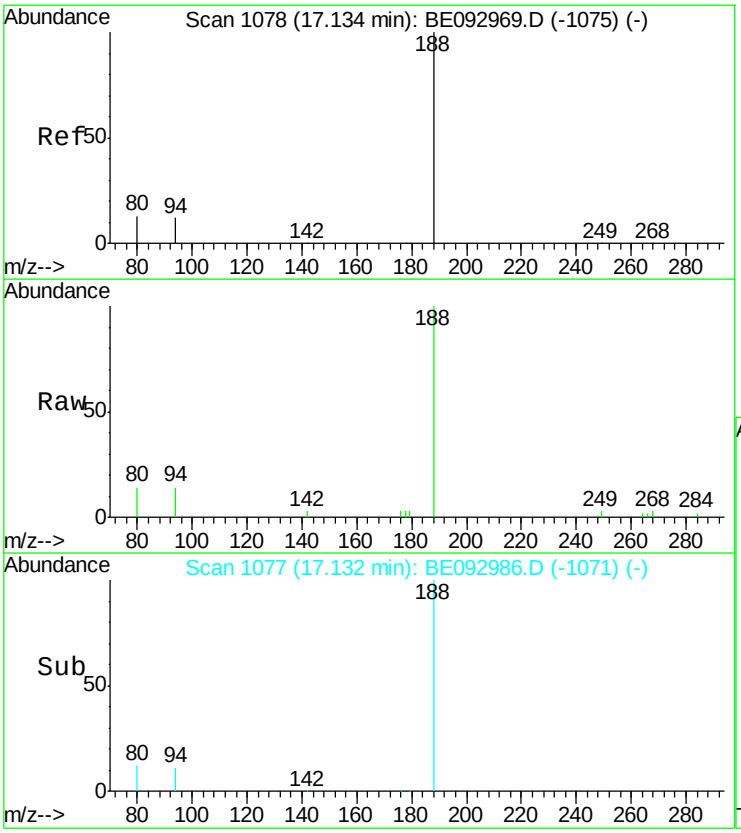
#18
Fluorene
Concen: 0.04 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:166 Resp: 91

Ion	Ratio	Lower	Upper
166	100		
165	93.4	78.6	117.8
167	16.5	11.1	16.7

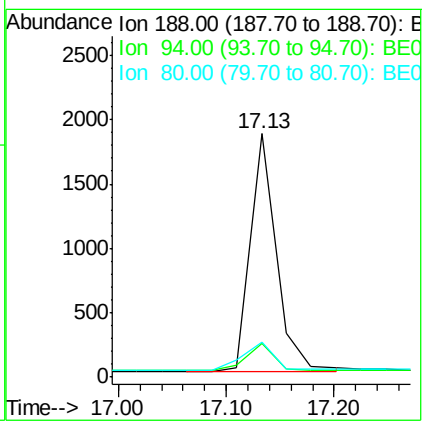


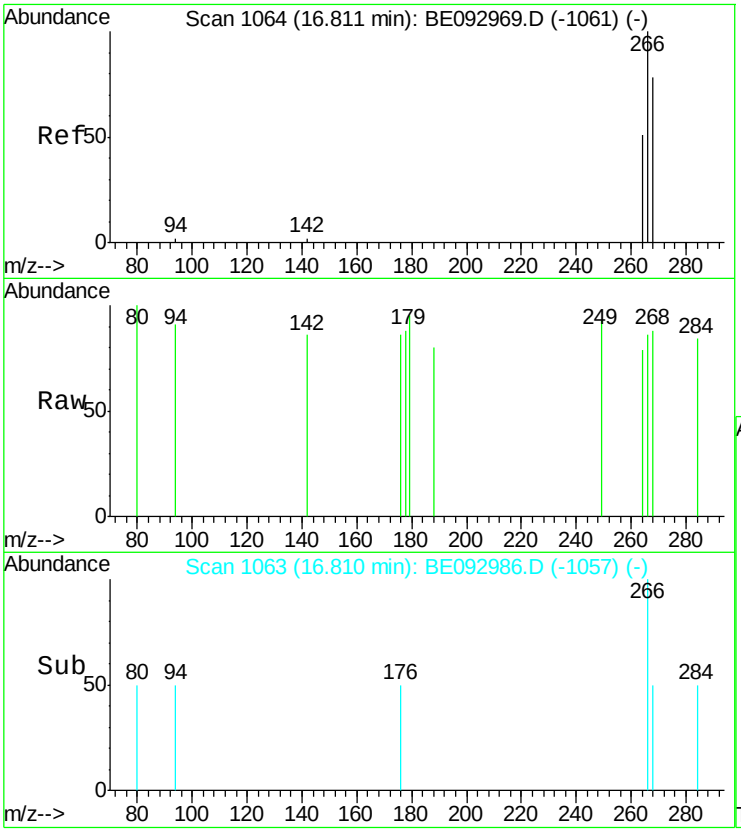


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:188 Resp: 3088

Ion	Ratio	Lower	Upper
188	100		
94	14.0	11.3	16.9
80	14.2	11.7	17.5



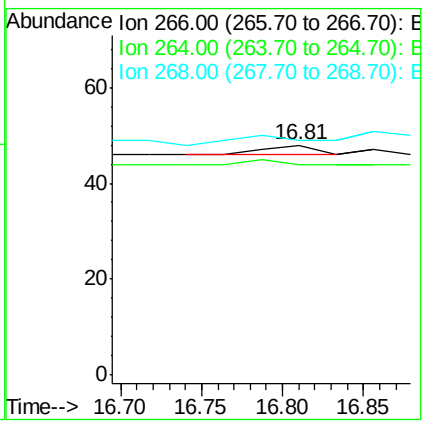


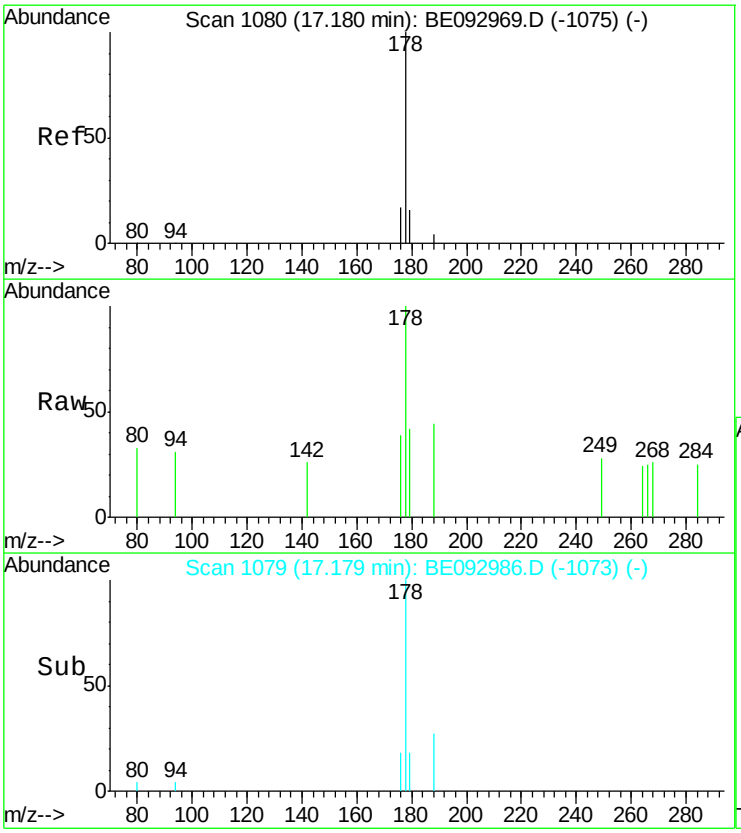
#21
Pentachlorophenol
Concen: 0.14 ng
RT: 16.81 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	91.7	58.2	87.2#
268	102.1	71.9	107.9

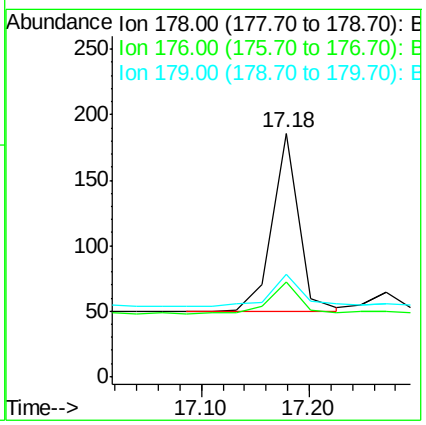


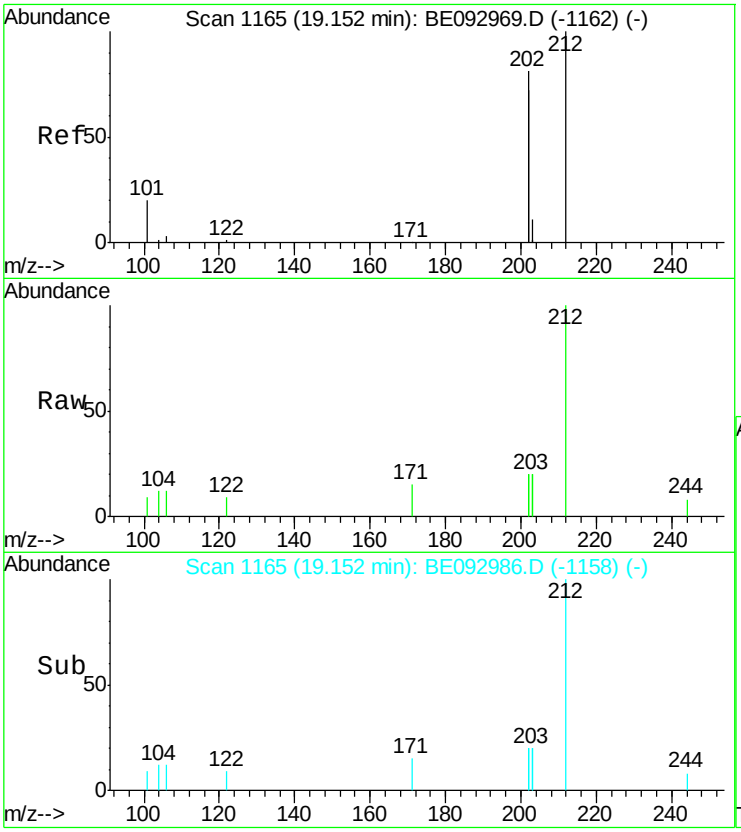


#22
Phenanthrene
Concen: 0.03 ng
RT: 17.18 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:178 Resp: 235

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.0	22.4
179	21.3	12.7	19.1#



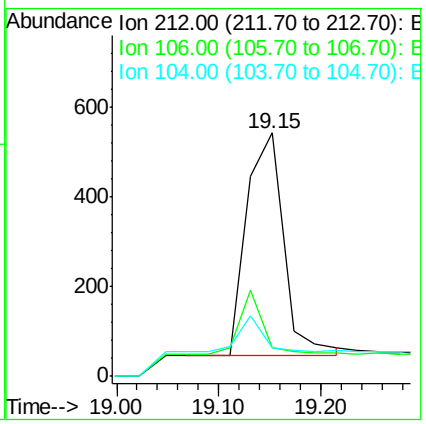


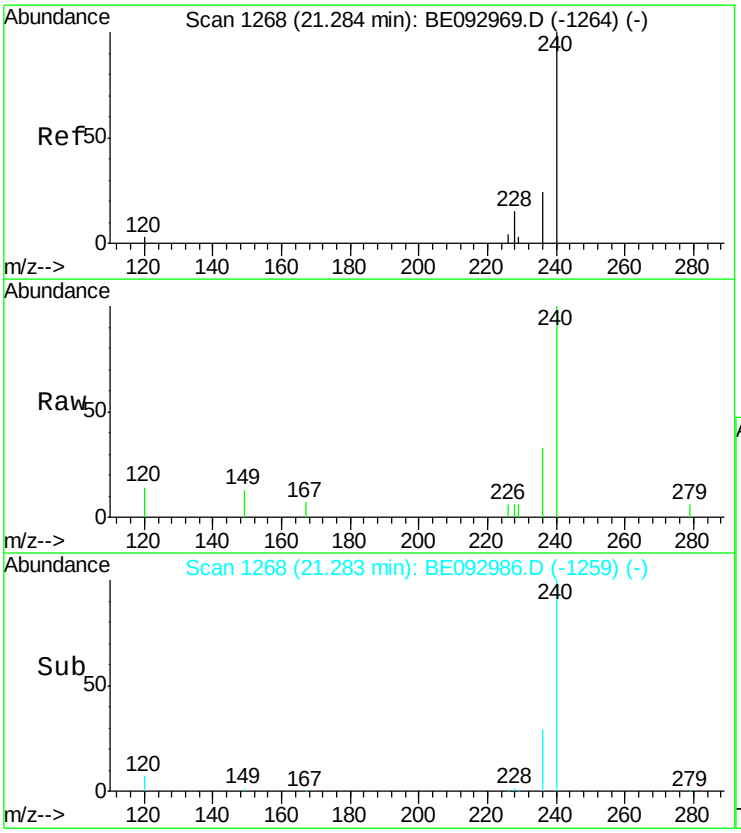
#24
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:212 Resp: 1253

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

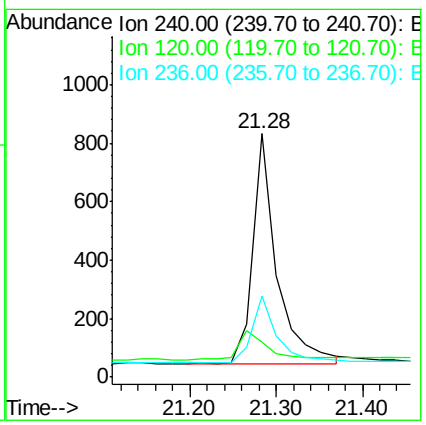


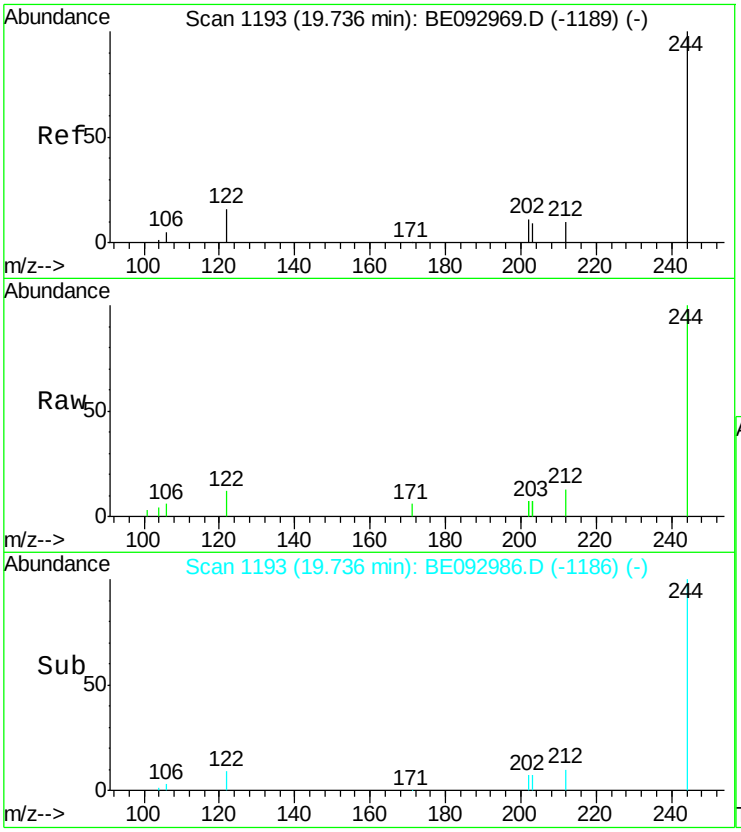


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:240 Resp: 1517

Ion	Ratio	Lower	Upper
240	100		
120	14.2	4.6	7.0#
236	33.1	20.8	31.2#



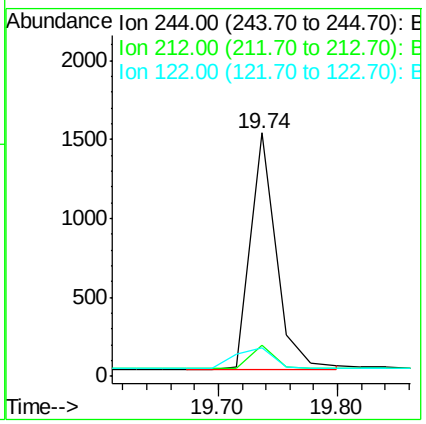


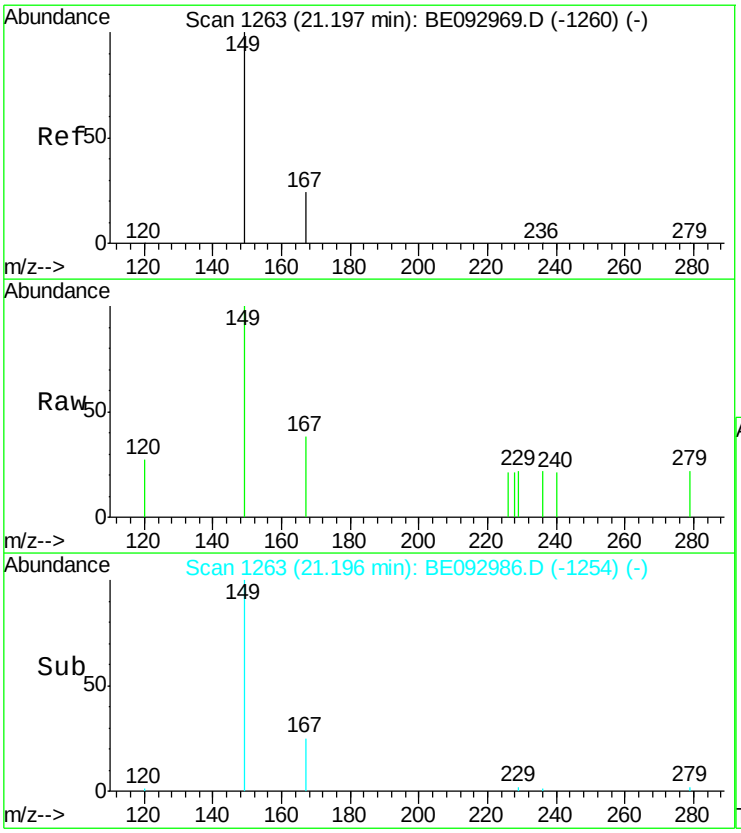
#28
Terphenyl-d14
Concen: 0.96 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:244 Resp: 2239

Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.6	16.0
122	11.8	15.4	23.0#

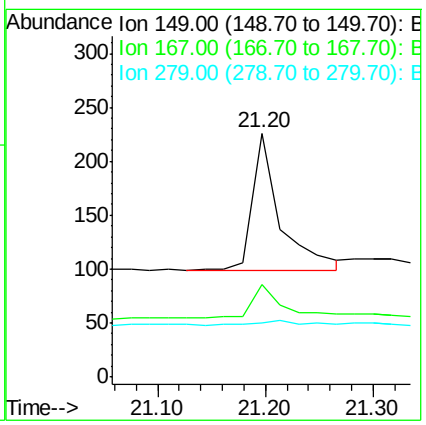


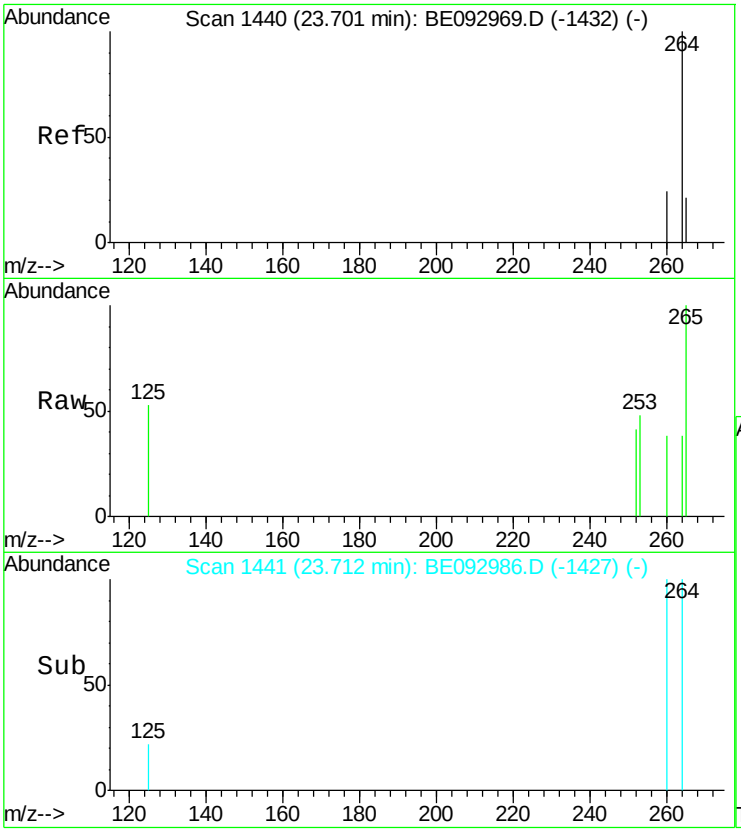


#31
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.20 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:149 Resp: 228

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.1	30.1
279	5.3	2.2	3.4#



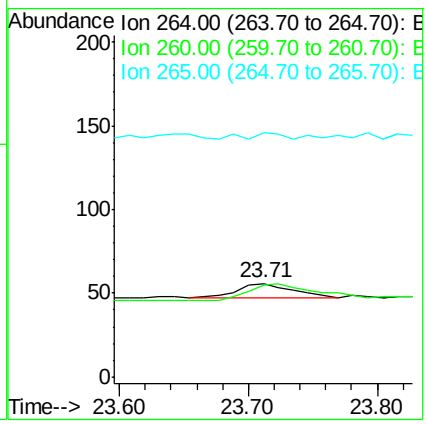


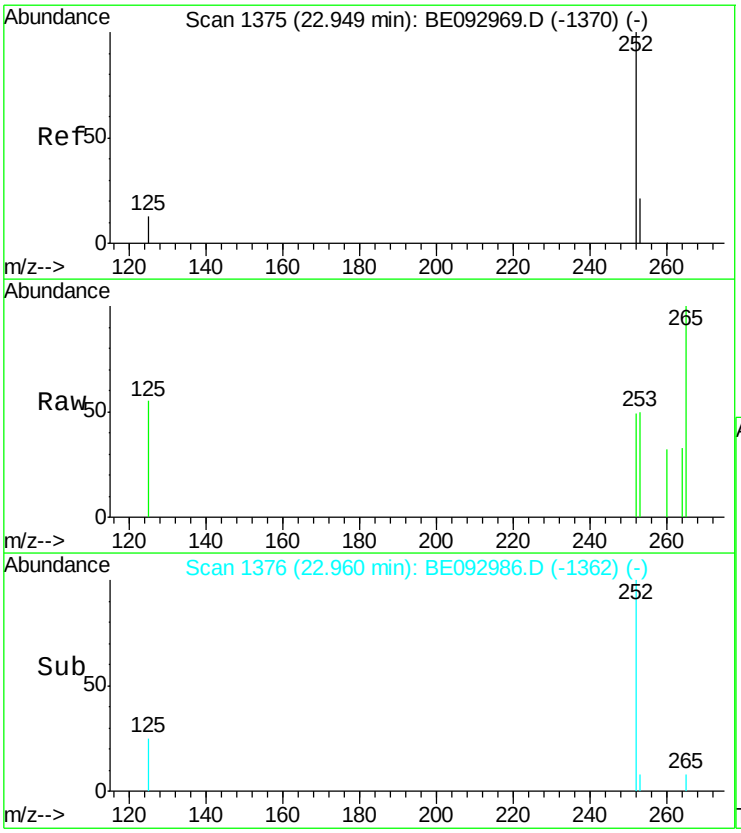
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.71 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:264 Resp: 27

Ion	Ratio	Lower	Upper
264	100		
260	98.2	21.0	31.4#
265	260.7	24.6	36.8#

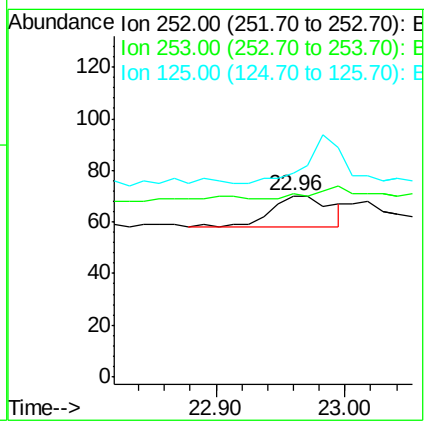


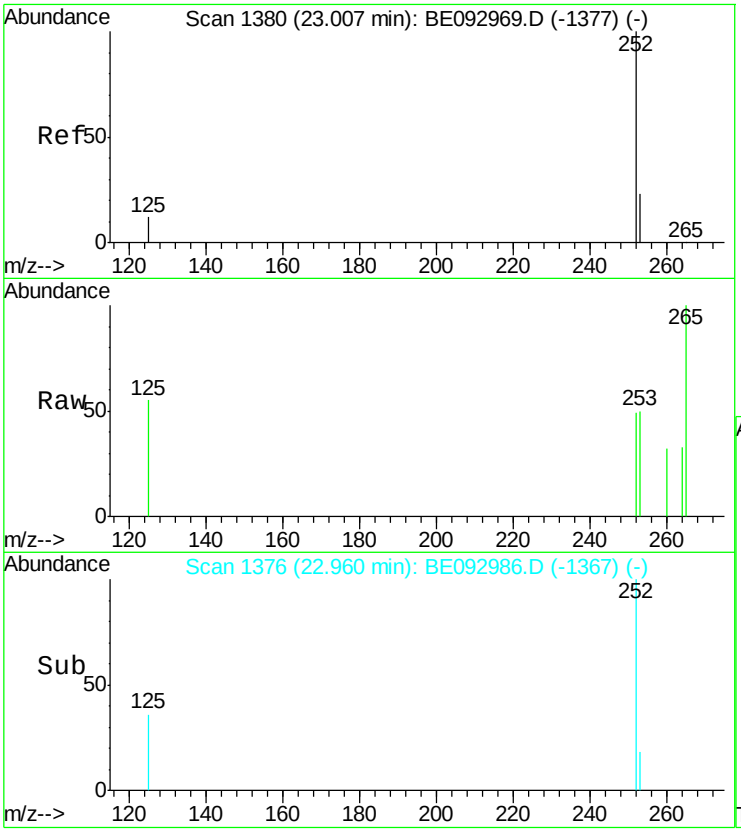


#34
Benzo(b)fluoranthene
Concen: 0.48 ng
RT: 22.96 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:252 Resp: 40

Ion	Ratio	Lower	Upper
252	100		
253	101.4	18.5	27.7#
125	112.9	13.4	20.0#



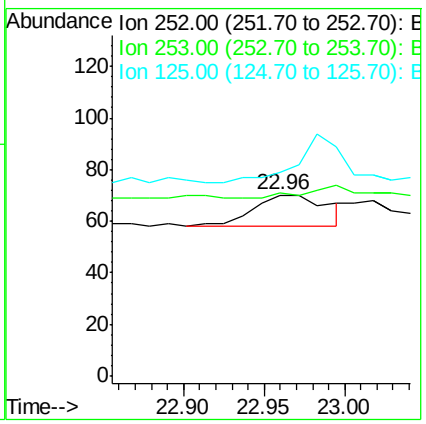


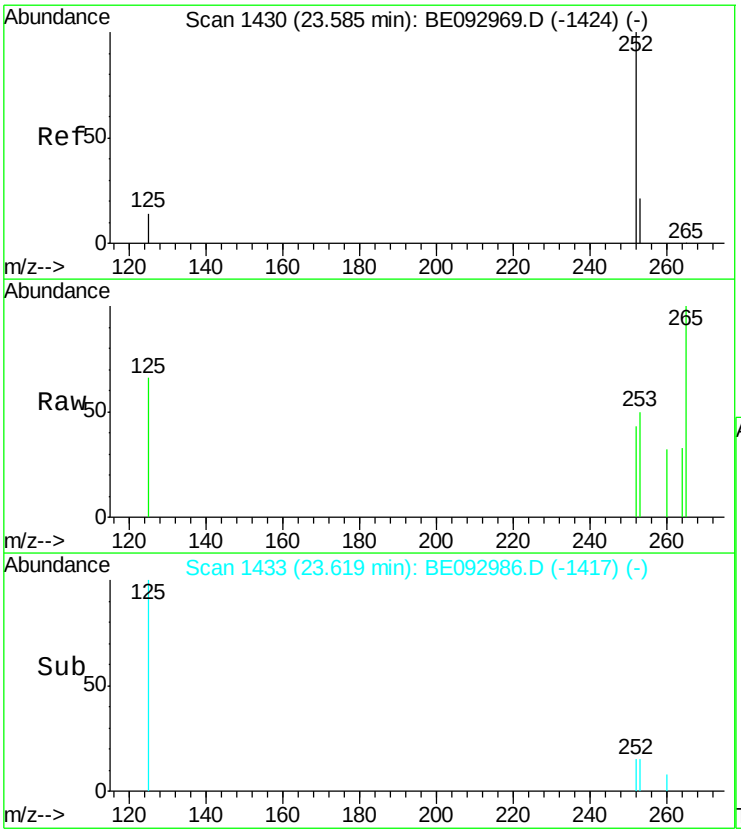
#35
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 22.96 min Scan# 1376
Delta R.T. -0.05 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:252 Resp: 39

Ion	Ratio	Lower	Upper
252	100		
253	101.4	20.3	30.5#
125	112.9	12.2	18.4#

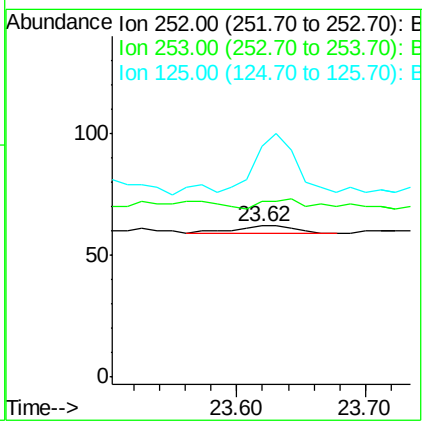


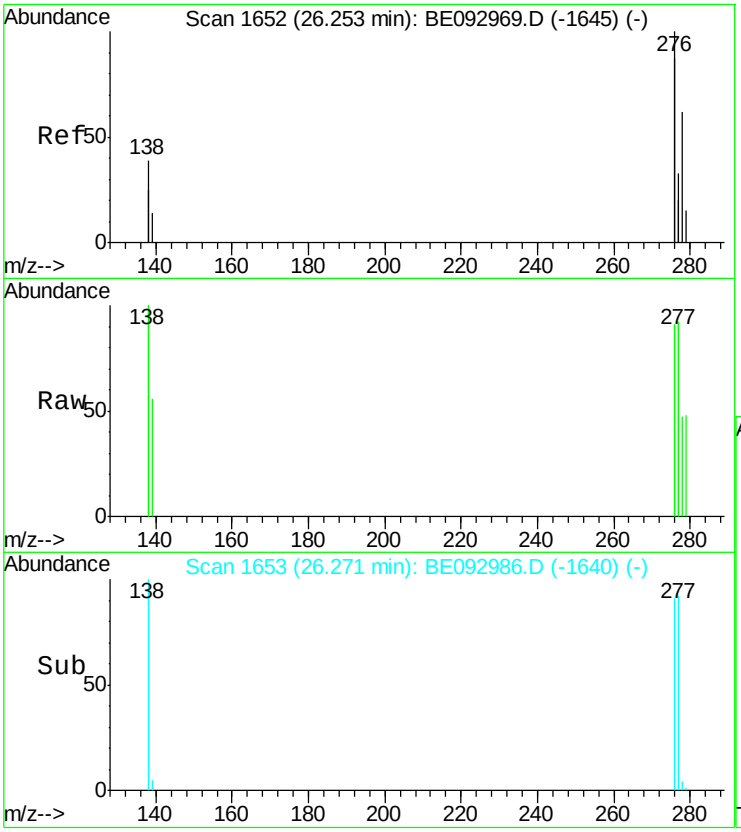


#36
Benzo(a)pyrene
Concen: 0.13 ng
RT: 23.62 min Scan# 1433
Delta R.T. 0.03 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:252 Resp: 10

Ion	Ratio	Lower	Upper
252	100		
253	116.1	19.9	29.9#
125	153.2	14.6	21.8#



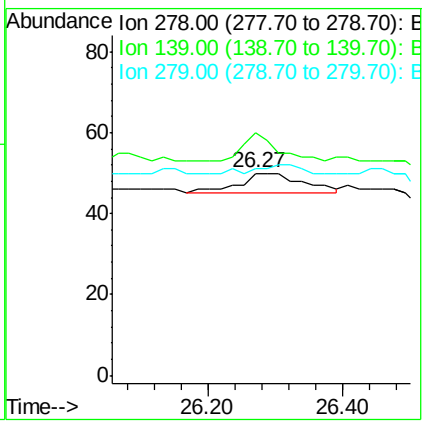


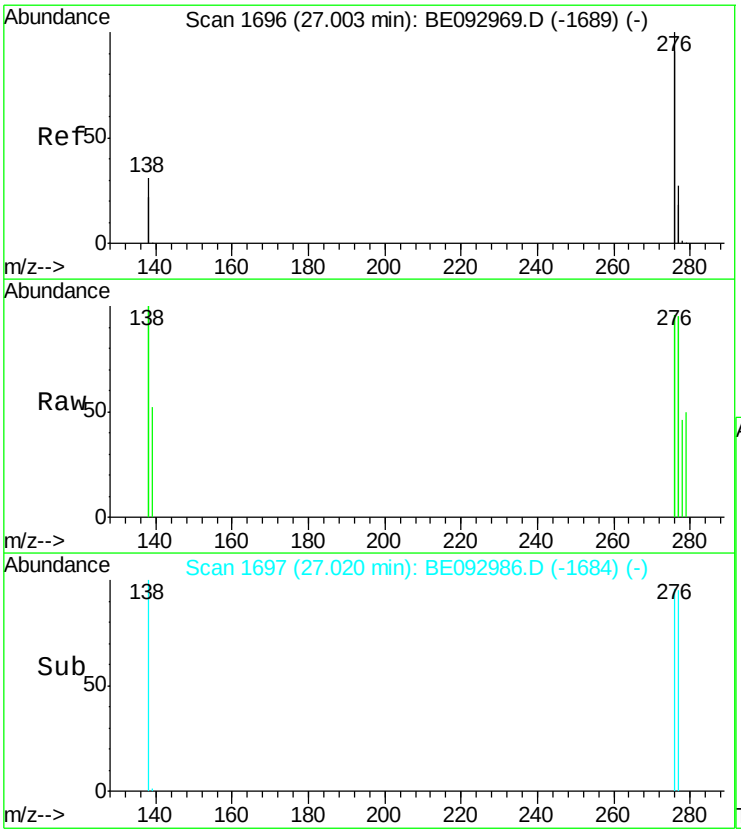
#37
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 26.27 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_G
ClientSampleId :
3076-FBRE

Tgt Ion:278 Resp: 34

Ion	Ratio	Lower	Upper
278	100		
139	120.0	21.4	32.0#
279	102.0	22.2	33.2#





#38
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 27.02 min Scan# 1697
Delta R.T. 0.02 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:276 Resp: 76

Ion	Ratio	Lower	Upper
276	100		
277	99.0	21.2	31.8#
138	104.1	24.5	36.7#