Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
Data File : BE091598.D
Acq On : 1 Apr 2016 19:58
Operator : UM/SJ
Sample : H2090-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS037-160330

Quant Time: Apr 01 23:43:52 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	35345	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	169642	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	103124	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	266282	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	347646	5.00	ng		-0.02
28) Perylene-d12	23.77	264	288586	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	18228	1.97	ng		-0.01
5) Phenol-d6	6.97	99	14704	1.17	ng		-0.02
7) Nitrobenzene-d5	8.96	82	35028	3.08	ng		-0.02
11) 2,4,6-Tribromophenol	15.91	330	20801	4.55	ng		-0.01
12) 2-Fluorobiphenyl	13.05	172	103582	3.53	ng		-0.02
24) Terphenyl-d14	19.76	244	216752	4.91	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.63	42	201	0.03	ng	#	11
8) Naphthalene	10.63	128	306	0.01	ng	#	24
9) 2-Methylnaphthalene	12.25	142	62	0.00	ng	#	64
13) Acenaphthylene	14.14	152	946	0.02	ng	#	60
14) Acenaphthene	14.49	154	53	0.00	ng	#	78
15) Fluorene	15.47	166	110	0.00	ng	#	89
17) Hexachlorobenzene	16.47	284	10	0.00	ng	#	39
18) Pentachlorophenol	16.76	266	424	0.08	ng	#	1
19) Phenanthrene	17.20	178	997	0.02	ng	#	79
20) Anthracene	17.29	178	219	0.00	ng	#	96
21) Fluoranthene	19.21	202	852	0.01	ng	#	89
23) Pyrene	19.57	202	718	0.01	ng	#	84
25) Benzo(a)anthracene	21.36	228	3978	0.05	ng	#	88
26) Chrysene	21.36	228	3989	0.06	ng	#	87
27) Indeno(1,2,3-cd)pyrene	26.34	276	1924	0.02	ng		99
29) Benzo(b)fluoranthene	23.01	252	1670	0.02	ng	#	55
30) Benzo(k)fluoranthene	23.06	252	1764	0.03	ng	#	60
31) Benzo(a)pyrene	23.65	252	954	0.01	ng	#	20
32) Dibenzo(a,h)anthracene	26.36	278	1846	0.03	ng	#	74
33) Benzo(g,h,i)perylene	27.12	276	1601	0.02	ng	#	78

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
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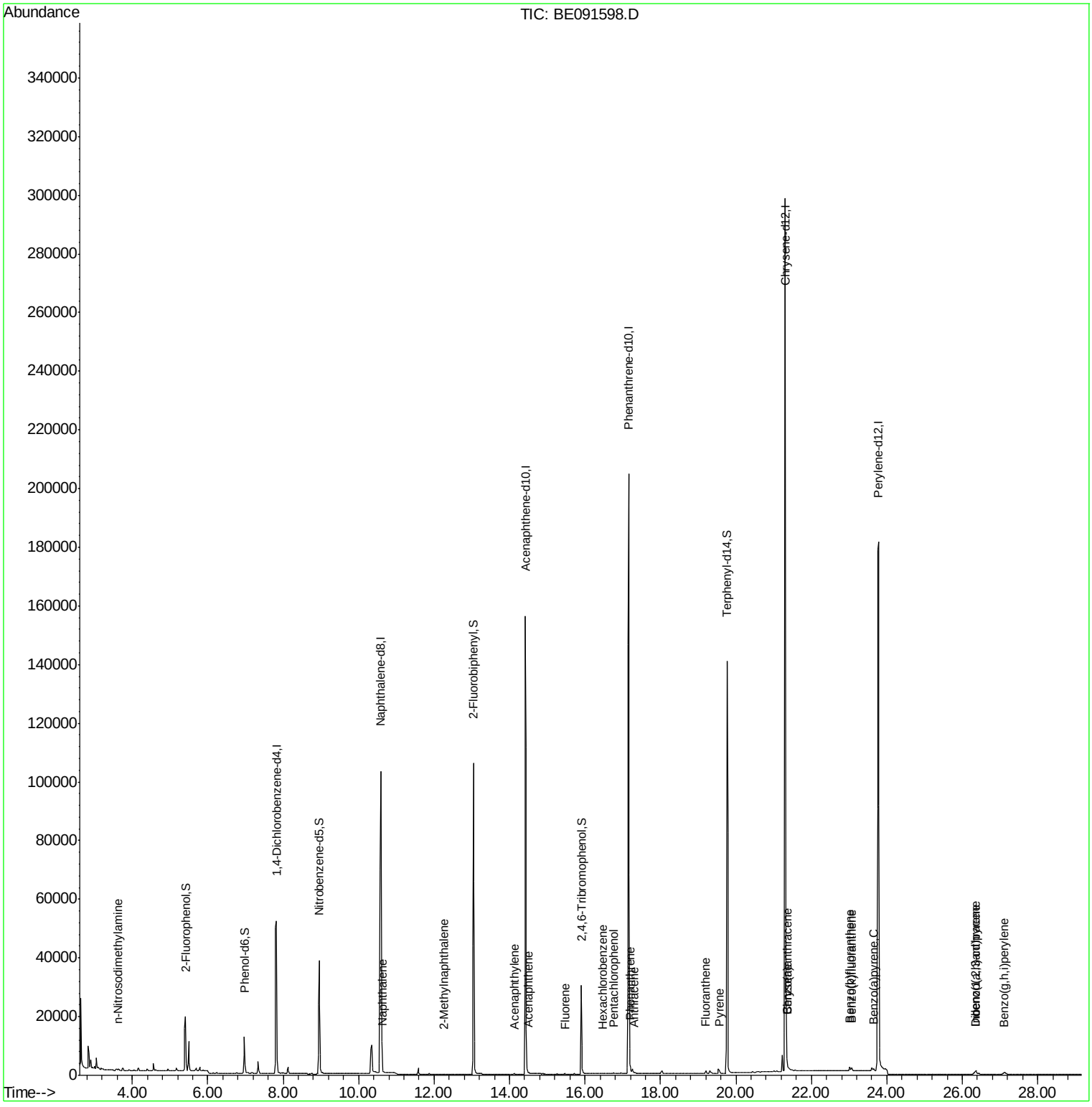
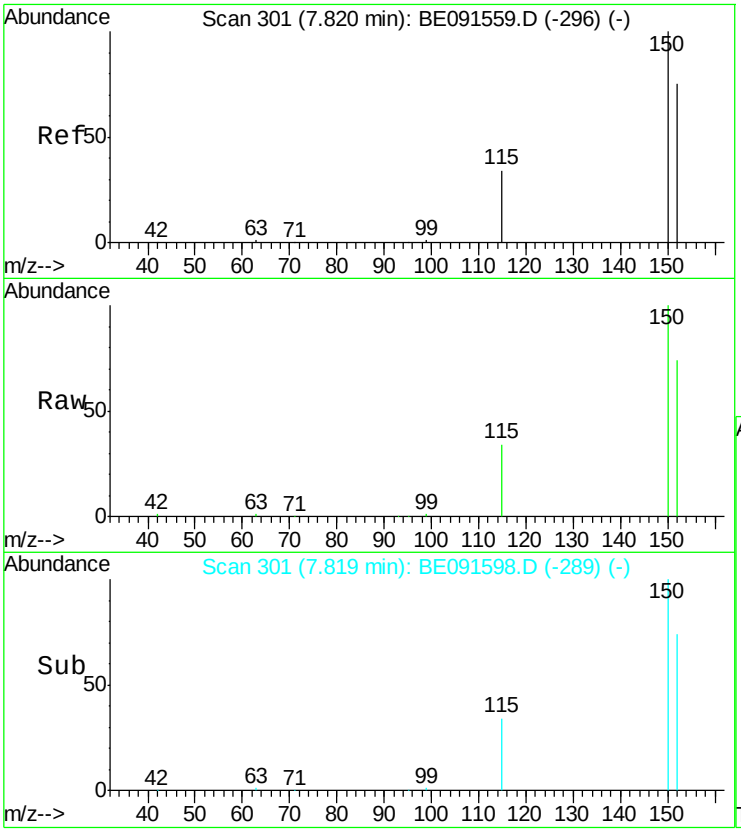


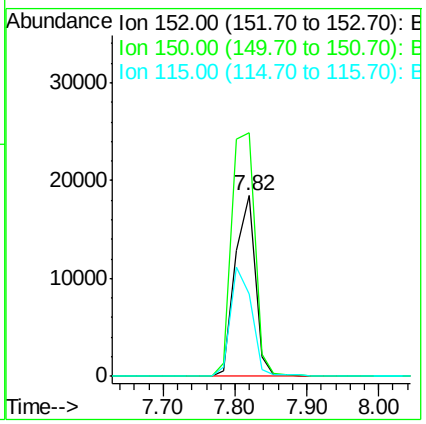


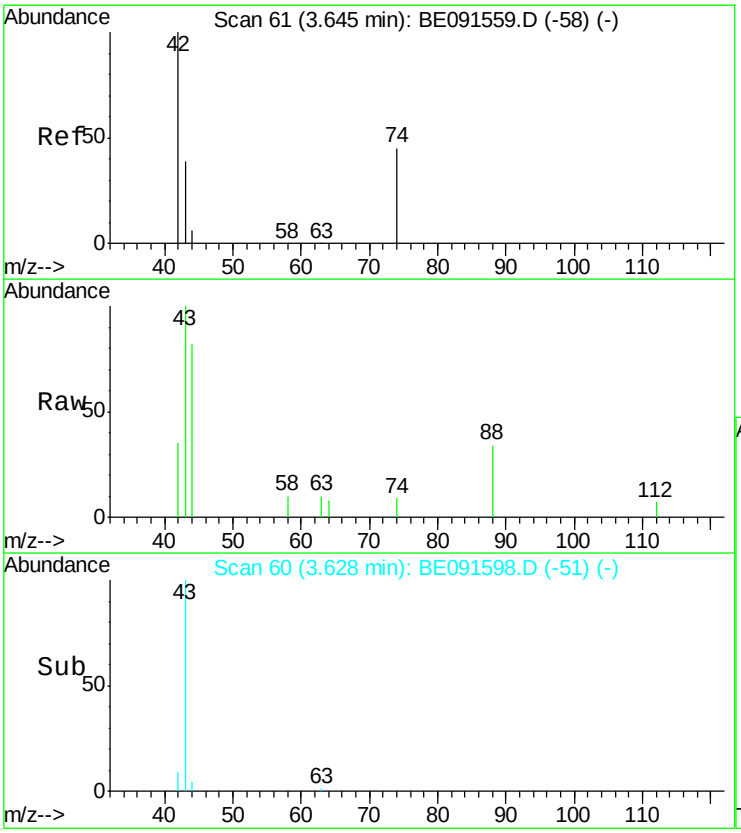
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:152 Resp: 35345

Ion	Ratio	Lower	Upper
152	100		
150	134.9	122.2	183.2
115	45.9	45.9	68.9#

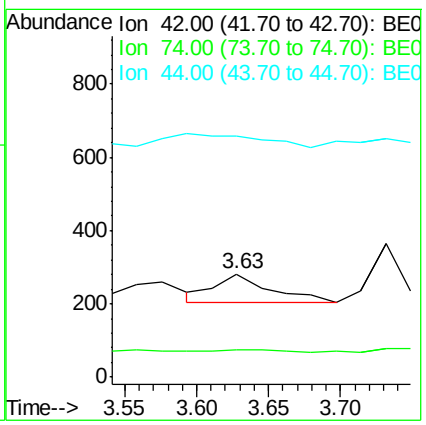


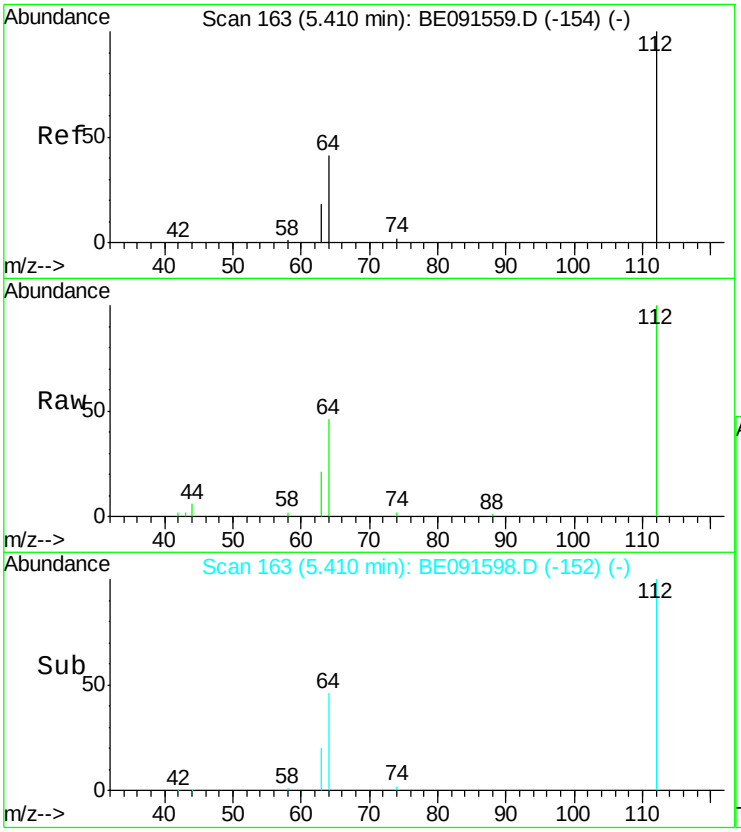


#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.05 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion: 42 Resp: 201

Ion	Ratio	Lower	Upper
42	100		
74	8.5	84.3	126.5#
44	0.0	6.7	10.1#



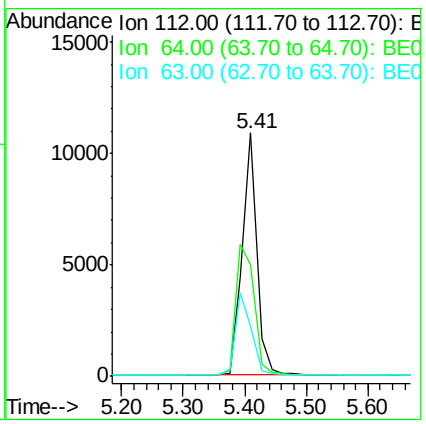


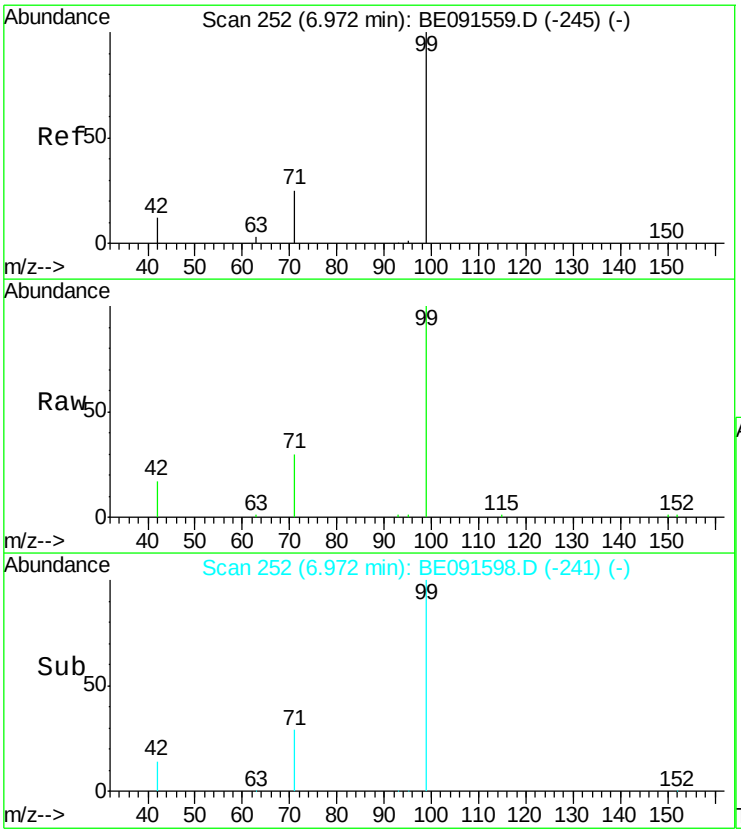
#4
2-Fluorophenol
Concen: 1.97 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:112 Resp: 18228

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.3	79.9
63	36.6	29.8	44.8

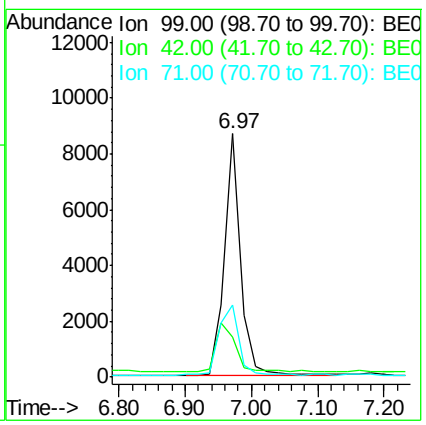


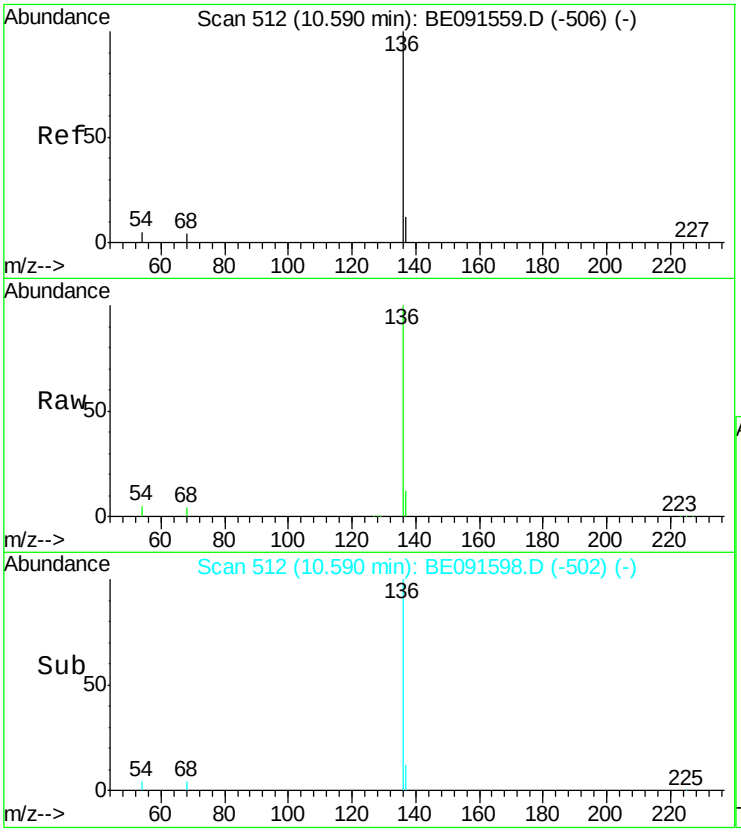


#5
Phenol-d6
Concen: 1.17 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion: 99 Resp: 14704

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.6	30.8
71	36.3	29.0	43.4



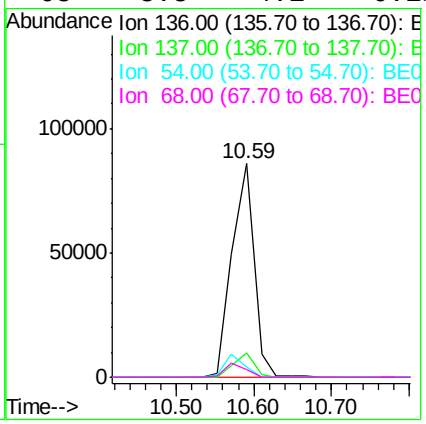


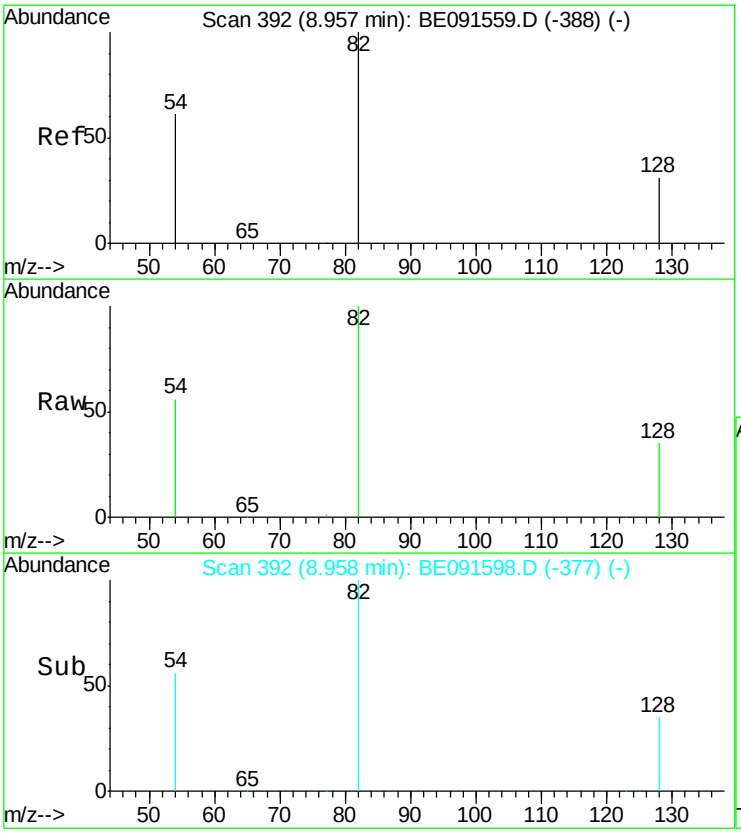
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:136 Resp: 169642

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	4.6	5.2	7.8#
68	3.8	4.1	6.1#

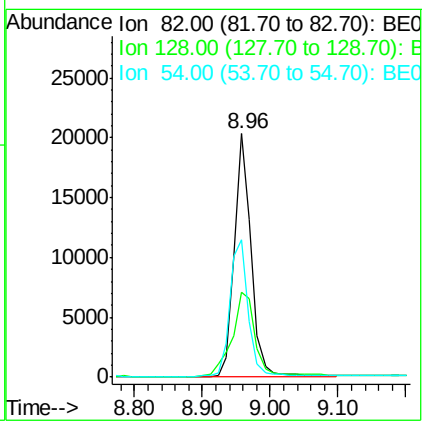


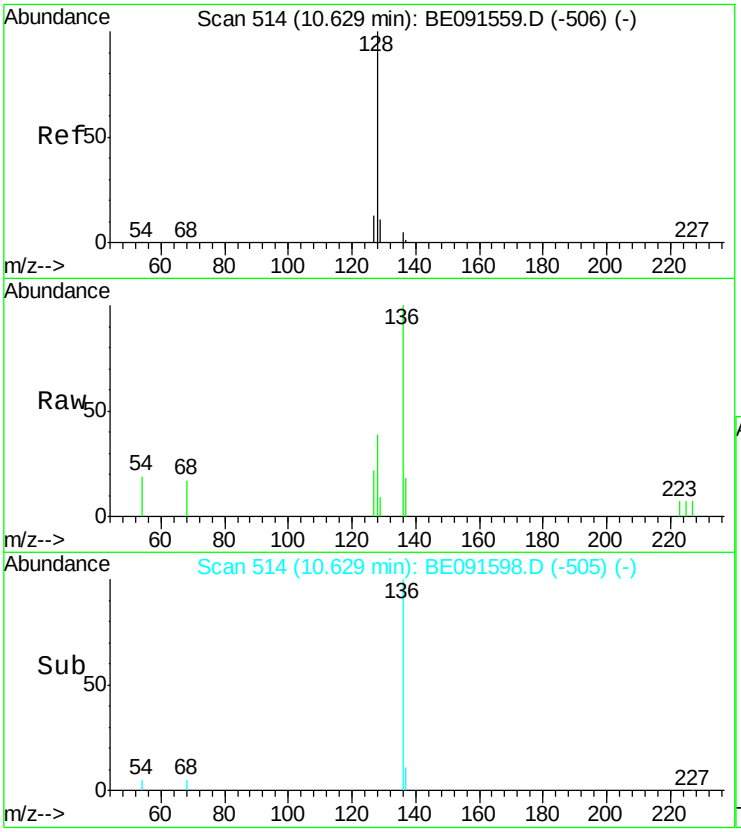


#7
Nitrobenzene-d5
Concen: 3.08 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion: 82 Resp: 35028

Ion	Ratio	Lower	Upper
82	100		
128	35.1	23.5	35.3
54	56.4	52.4	78.6



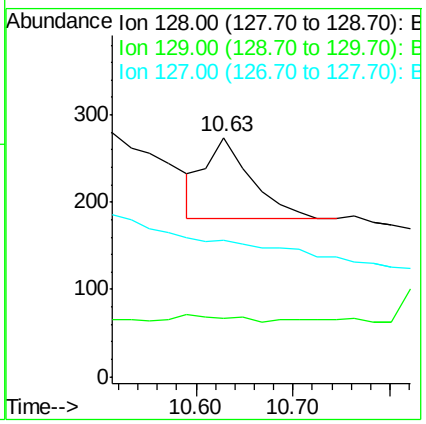


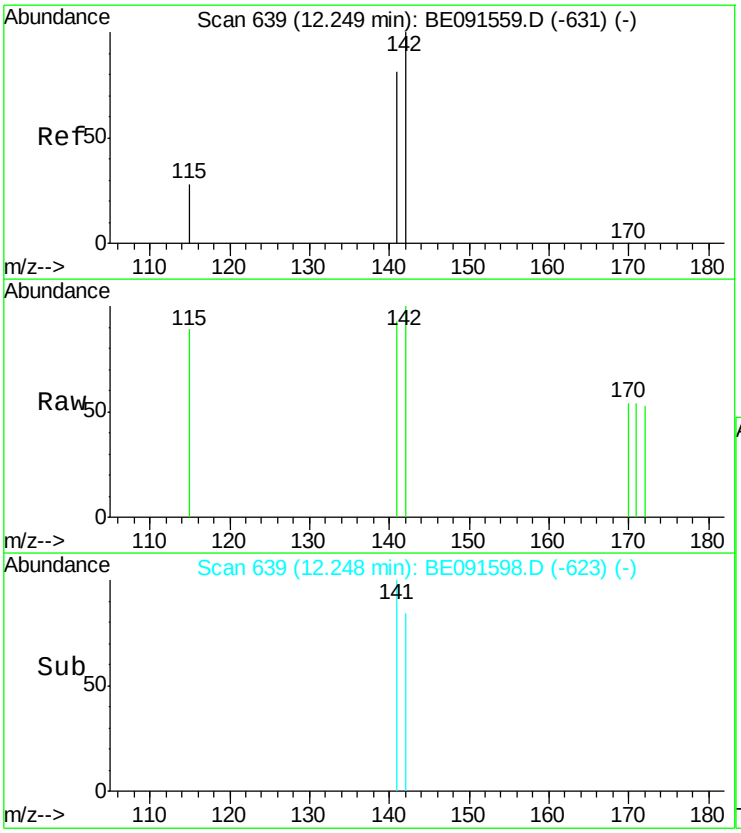
#8
Naphthalene
Concen: 0.01 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:128 Resp: 306

Ion	Ratio	Lower	Upper
128	100		
129	24.5	8.2	12.2#
127	56.9	11.8	17.8#

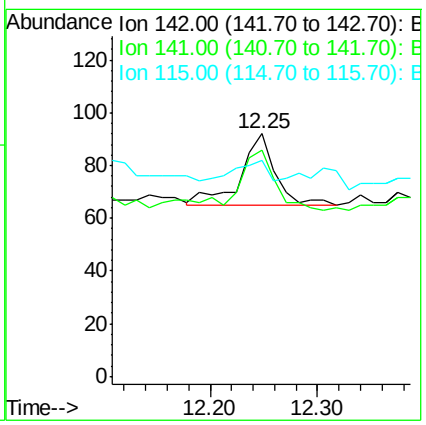


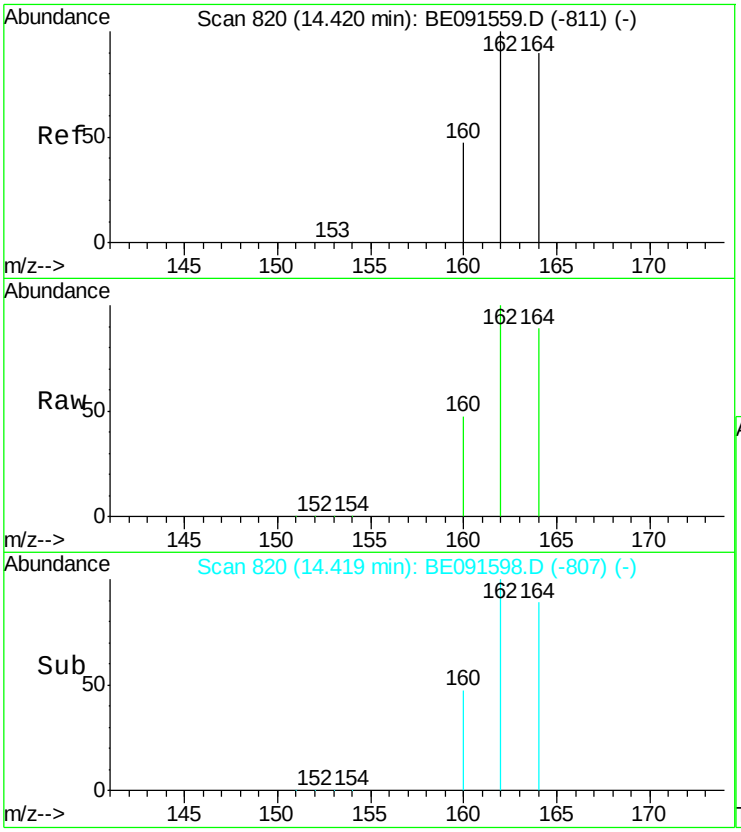


#9
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:142 Resp: 62

Ion	Ratio	Lower	Upper
142	100		
141	93.5	66.9	100.3
115	89.1	25.1	37.7#



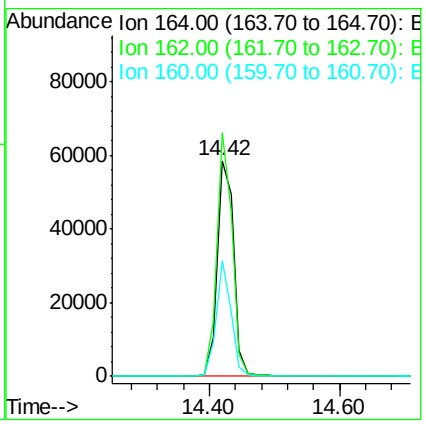


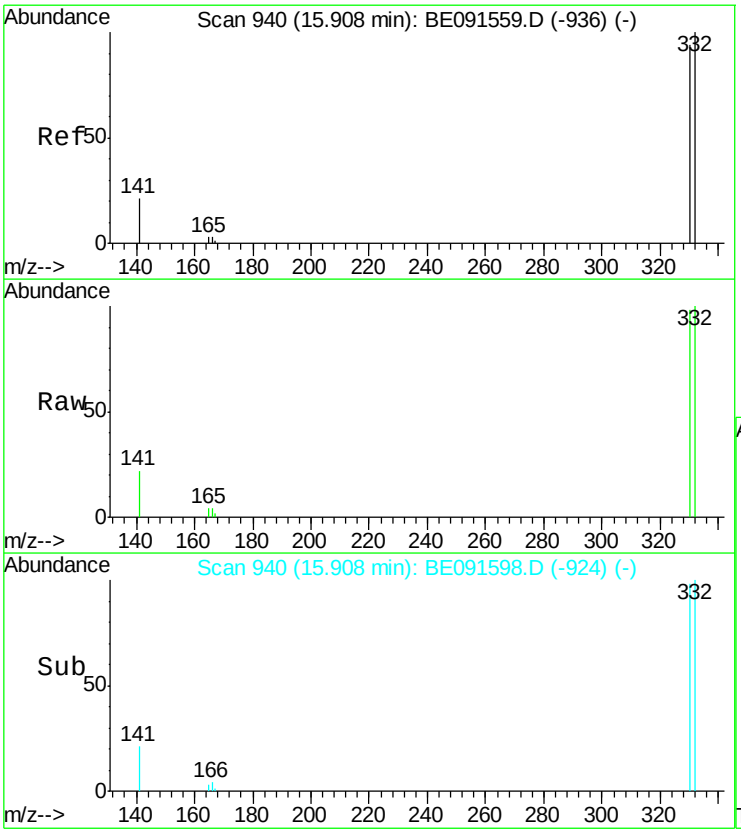
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:164 Resp: 103124

Ion	Ratio	Lower	Upper
164	100		
162	112.7	84.4	126.6
160	53.5	37.7	56.5

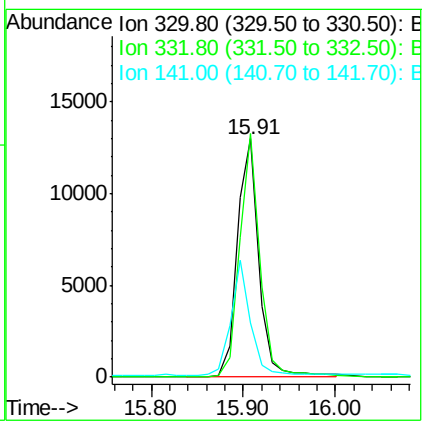


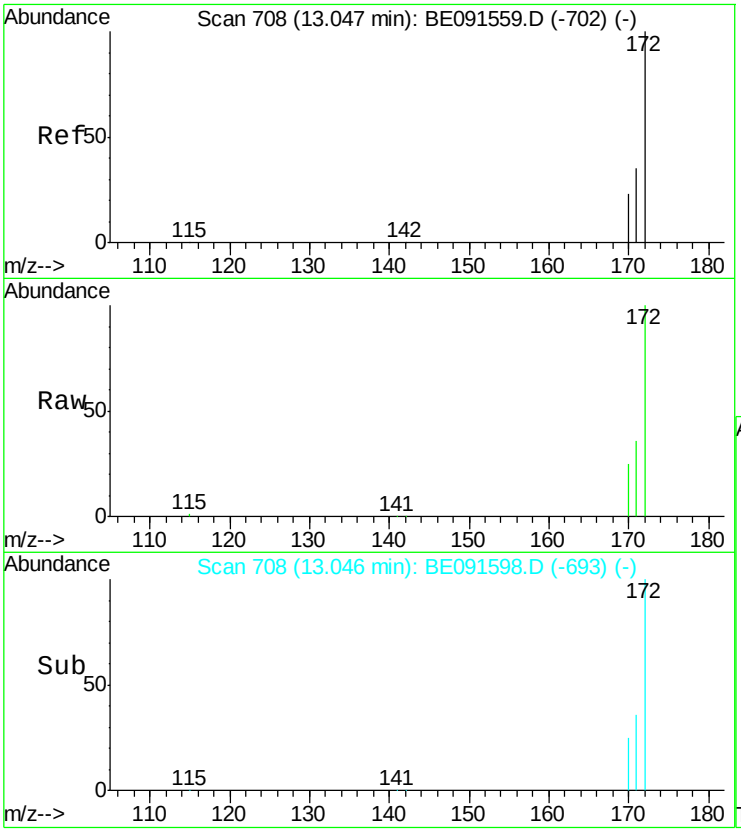


#11
2,4,6-Tribromophenol
Concen: 4.55 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:330 Resp: 20801

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.2	118.8
141	44.4	28.1	42.1#



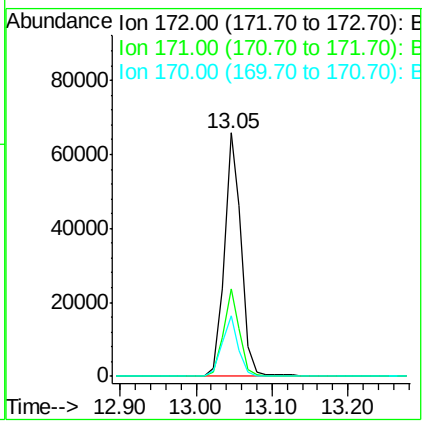


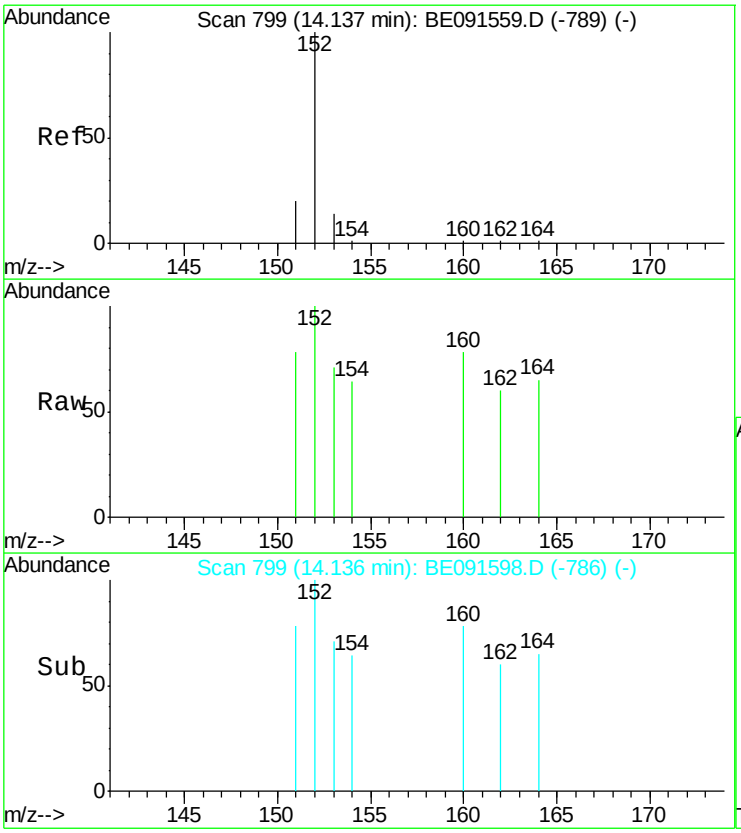
#12
2-Fluorobiphenyl
Concen: 3.53 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:172 Resp: 103582

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.8
170	25.0	21.4	32.2

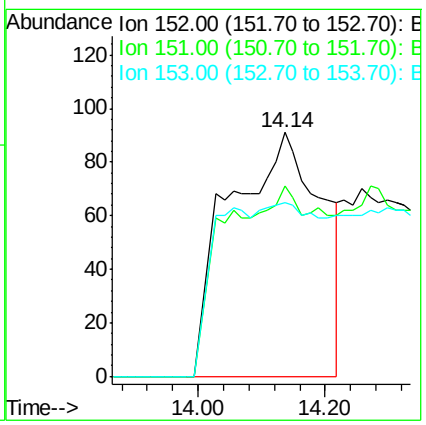


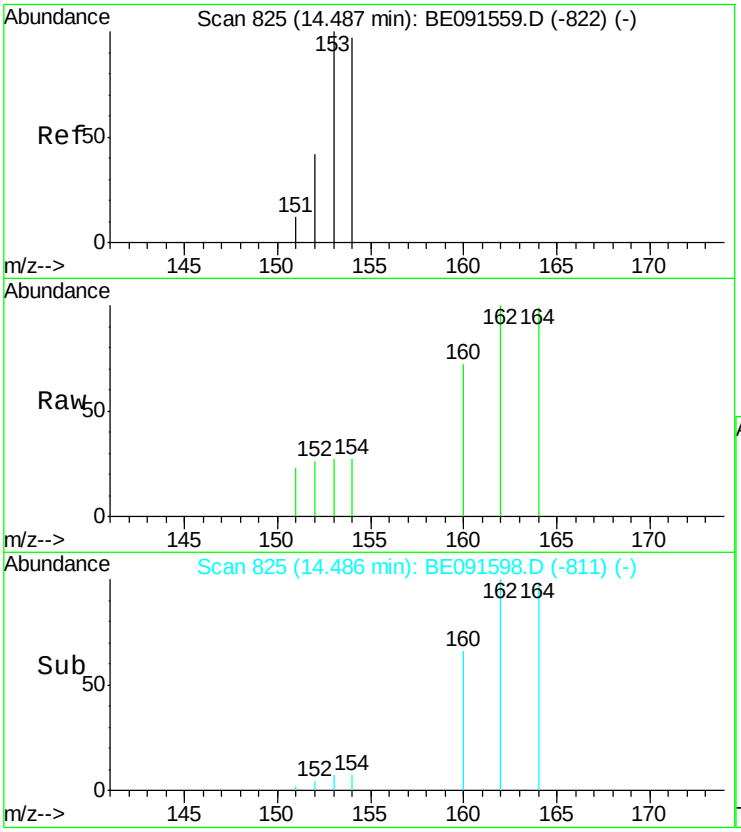


#13
Acenaphthylene
Concen: 0.02 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:152 Resp: 946

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	11.1	16.7#



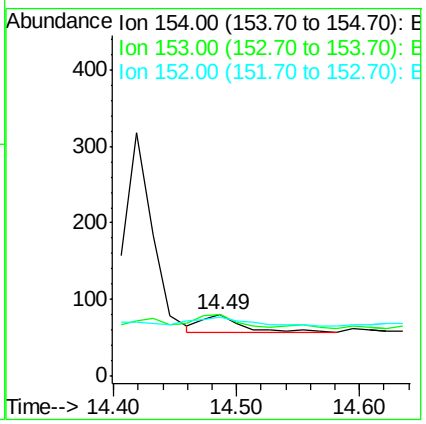


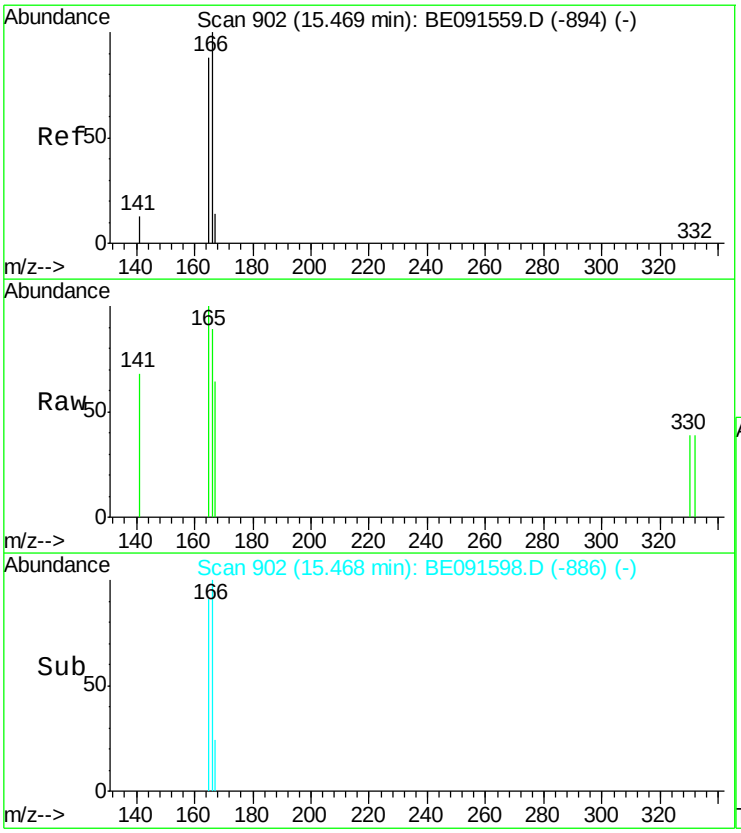
#14
Acenaphthene
Concen: 0.00 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:154 Resp: 53

Ion	Ratio	Lower	Upper
154	100		
153	86.8	87.3	130.9#
152	69.8	42.9	64.3#

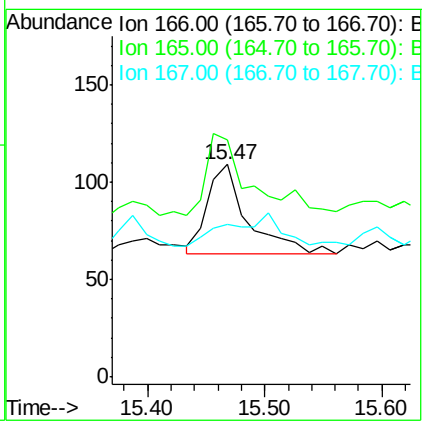


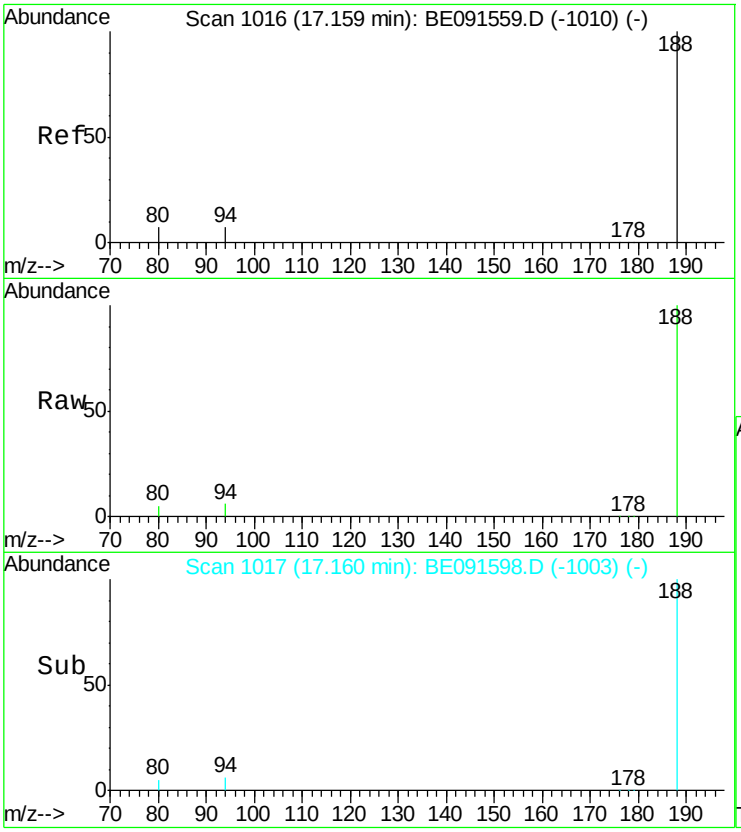


#15
Fluorene
Concen: 0.00 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:166 Resp: 110

Ion	Ratio	Lower	Upper
166	100		
165	106.4	79.2	118.8
167	0.0	10.8	16.2#



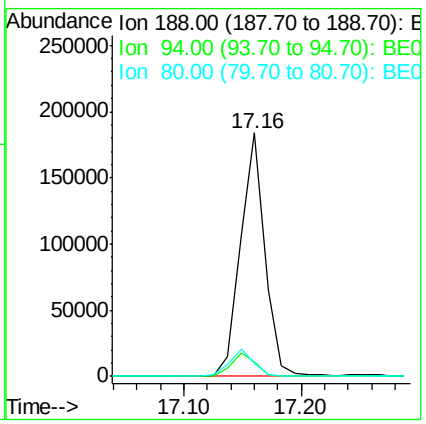


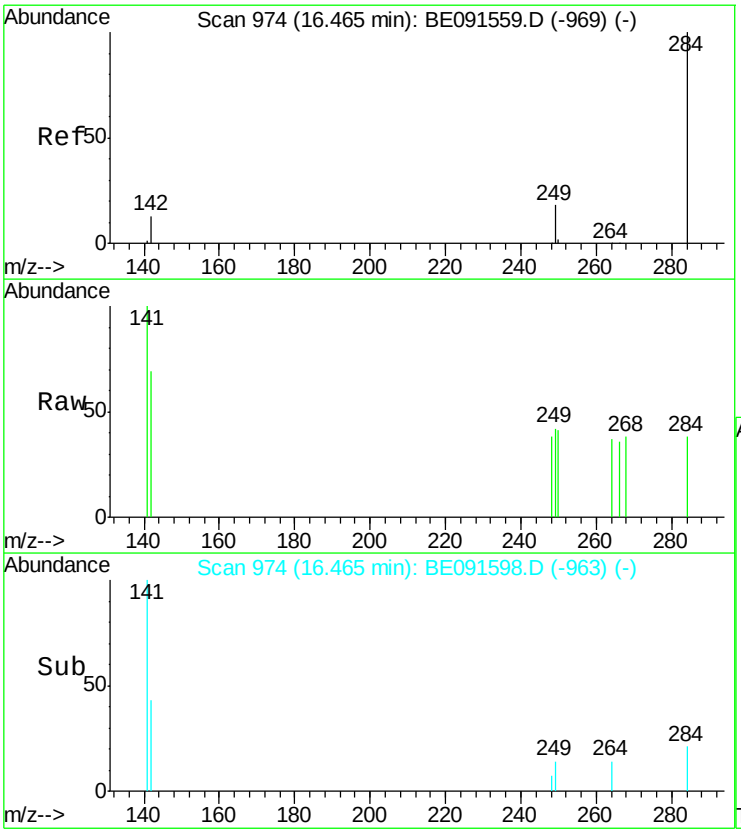
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:188 Resp: 266282

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.4	8.2
80	5.3	5.0	7.4

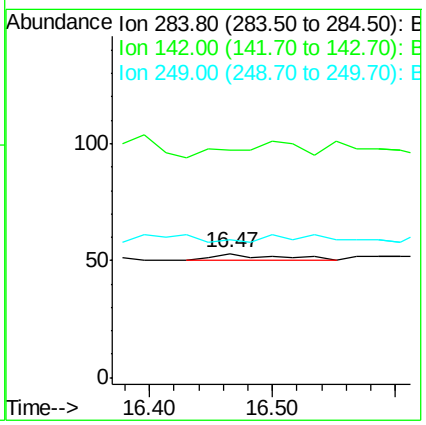


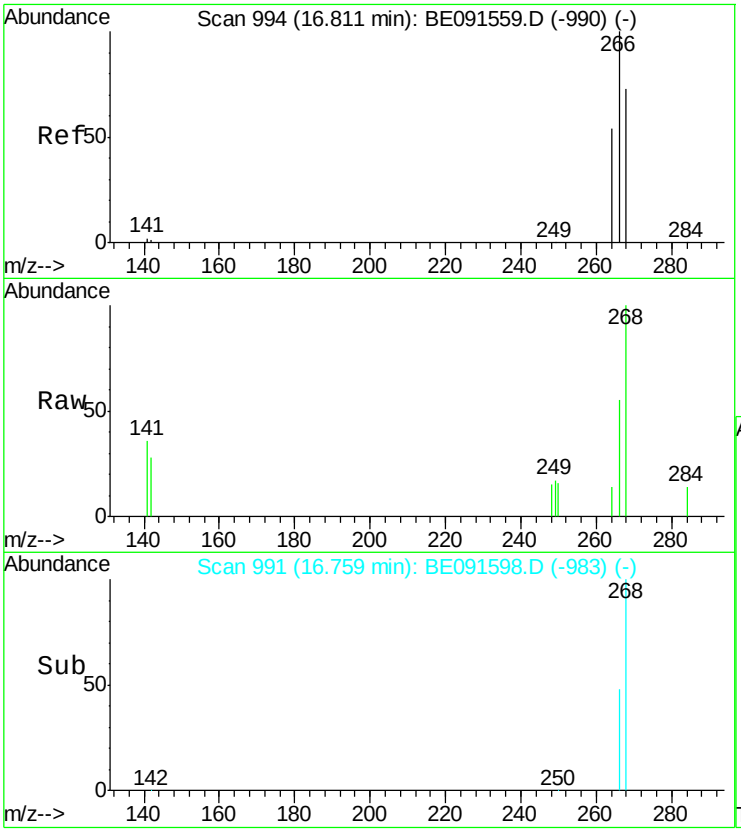


#17
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.47 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	31.0	46.4#
249	0.0	25.8	38.8#



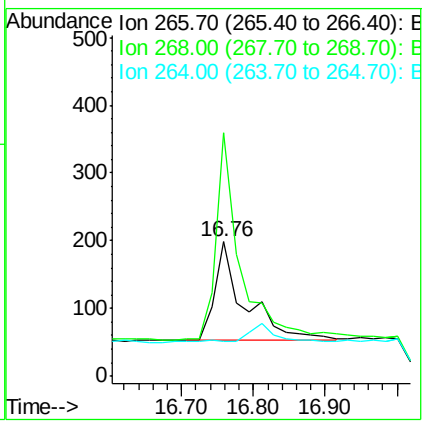


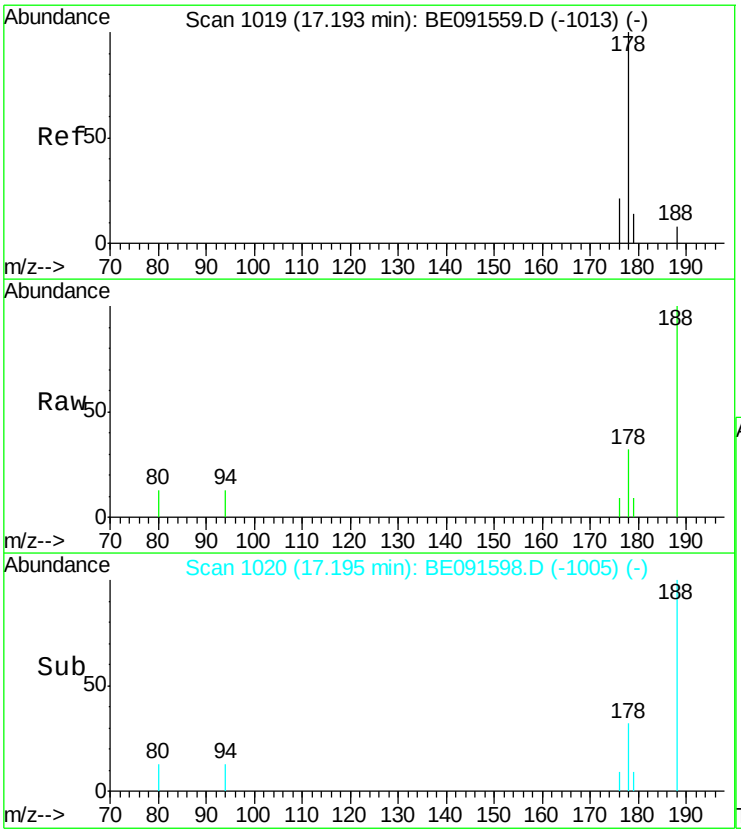
#18
Pentachlorophenol
Concen: 0.08 ng
RT: 16.76 min Scan# 991
Delta R.T. -0.07 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:266 Resp: 424

Ion	Ratio	Lower	Upper
266	100		
268	181.3	48.2	72.2#
264	26.3	52.1	78.1#

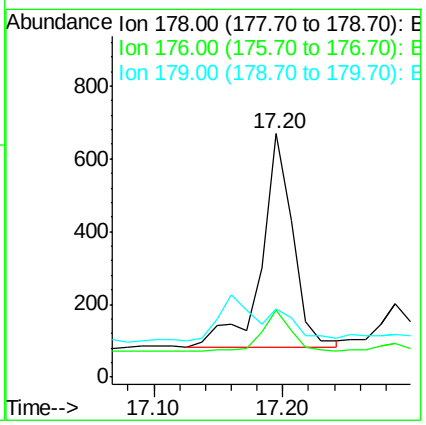


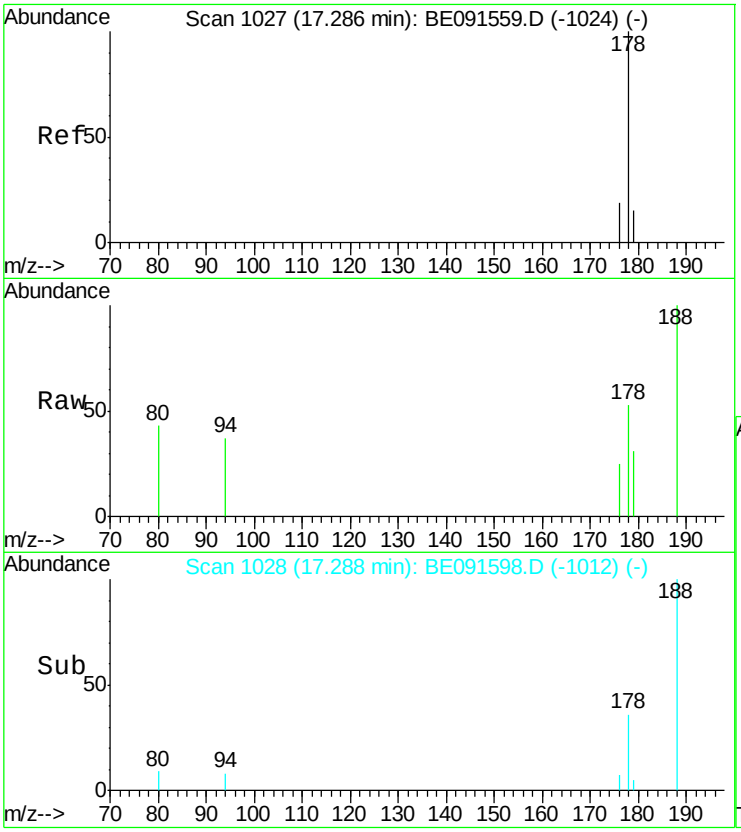


#19
Phenanthrene
Concen: 0.02 ng
RT: 17.20 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:178 Resp: 997

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.5	23.3
179	0.0	13.1	19.7#



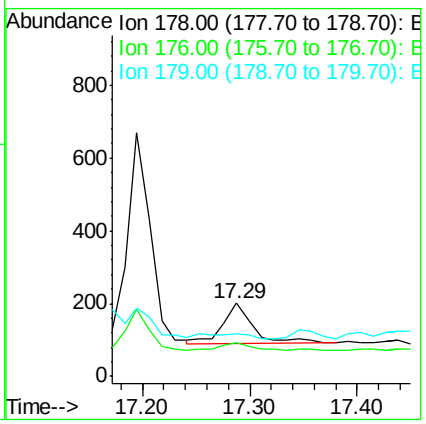


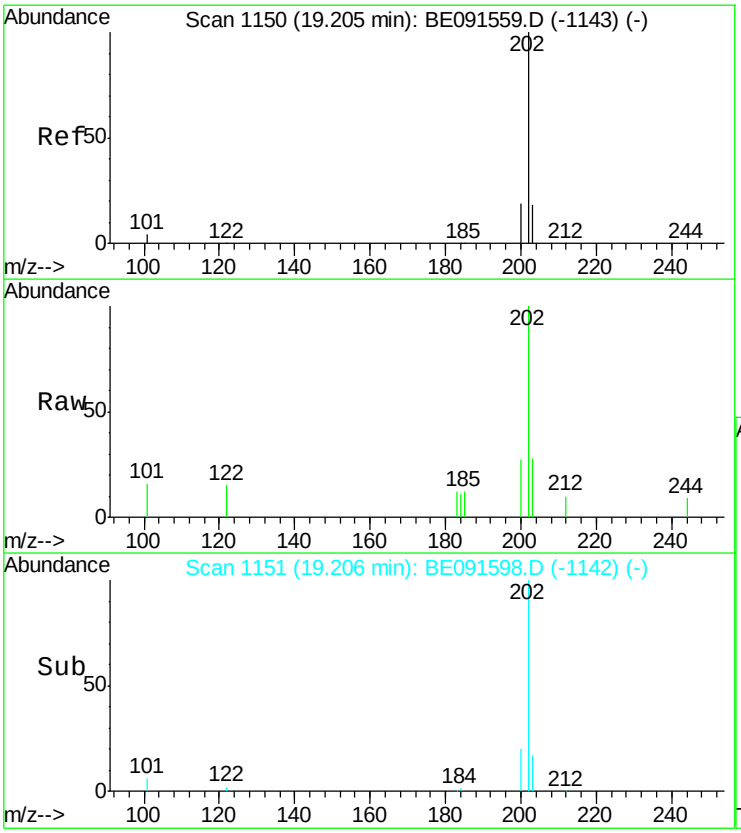
#20
Anthracene
Concen: 0.00 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:178 Resp: 219

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	19.2	12.2	18.4#

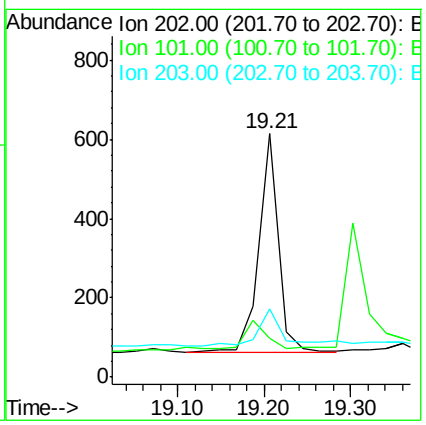


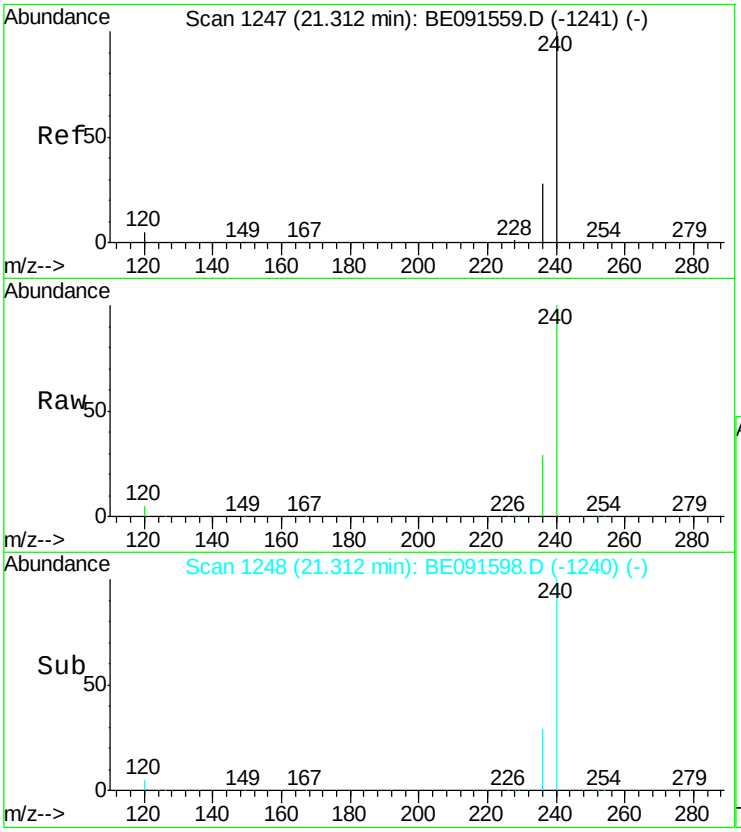


#21
Fluoranthene
Concen: 0.01 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:202 Resp: 852

Ion	Ratio	Lower	Upper
202	100		
101	14.9	8.3	12.5#
203	21.6	13.9	20.9#



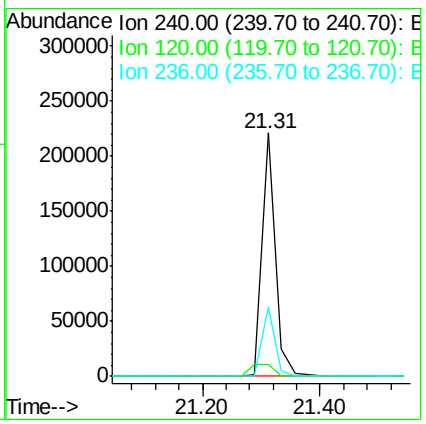


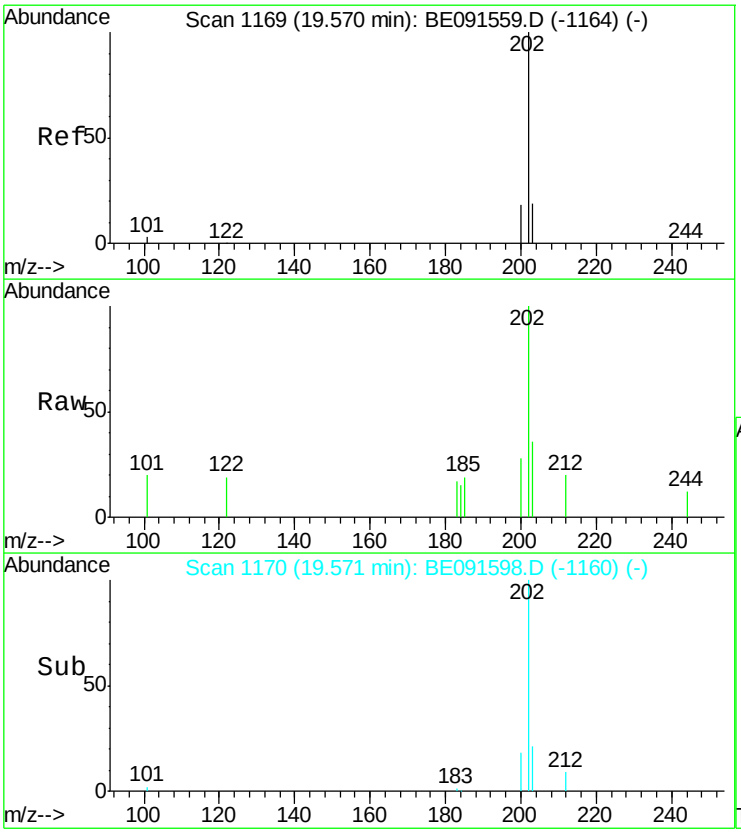
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:240 Resp: 347646

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.0	6.0
236	28.8	23.0	34.4

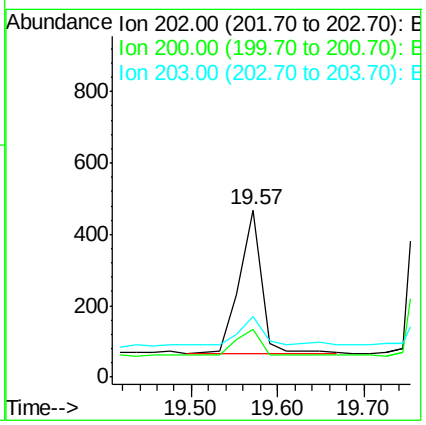


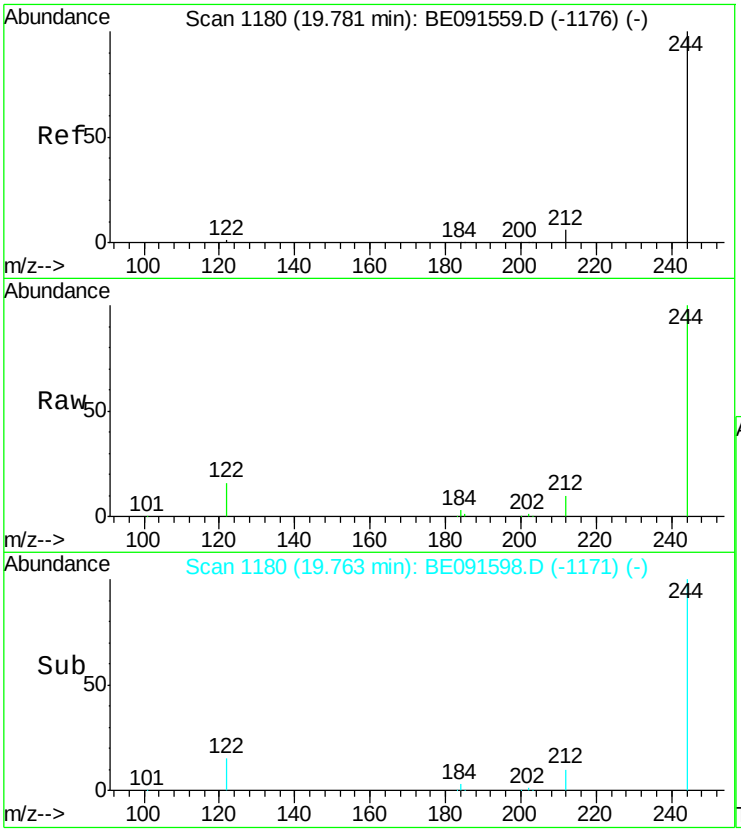


#23
Pyrene
Concen: 0.01 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:202 Resp: 718

Ion	Ratio	Lower	Upper
202	100		
200	23.4	16.4	24.6
203	30.2	14.6	21.8#



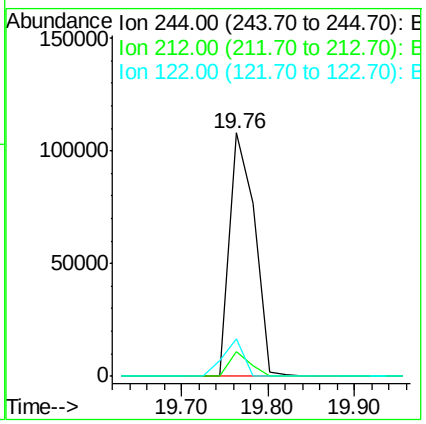


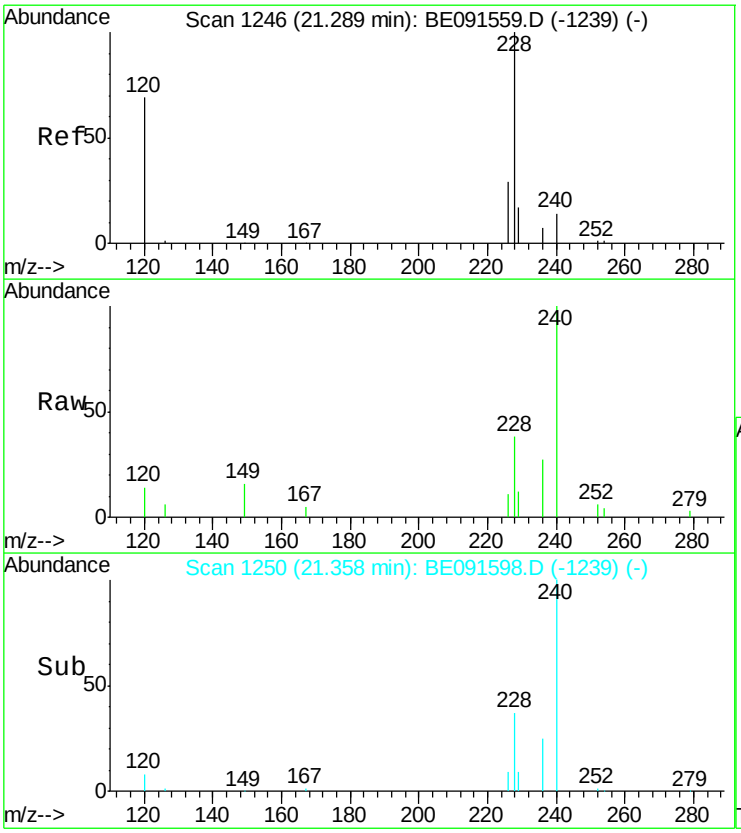
#24
Terphenyl-d14
Concen: 4.91 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:244 Resp: 216752

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	15.5	1.8	2.8#

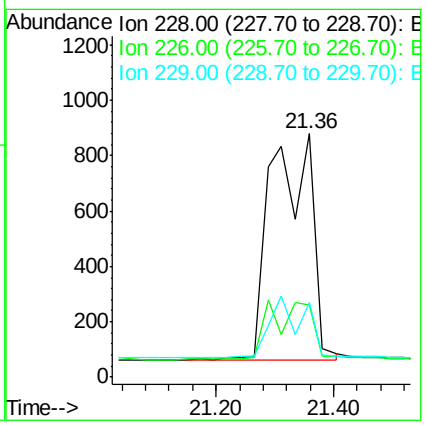


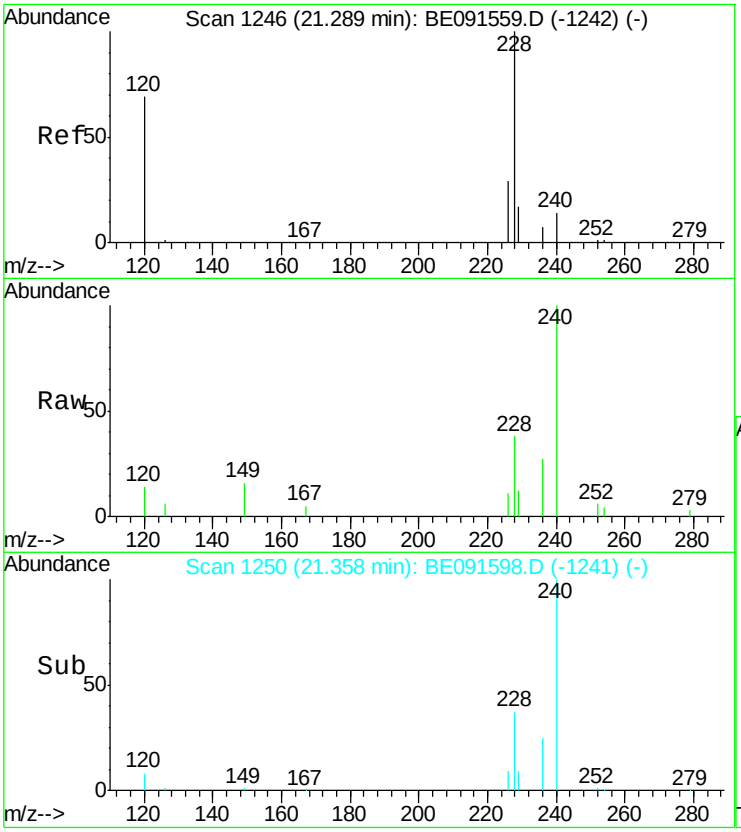


#25
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.04 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:228 Resp: 3978

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	30.5	13.8	20.6#



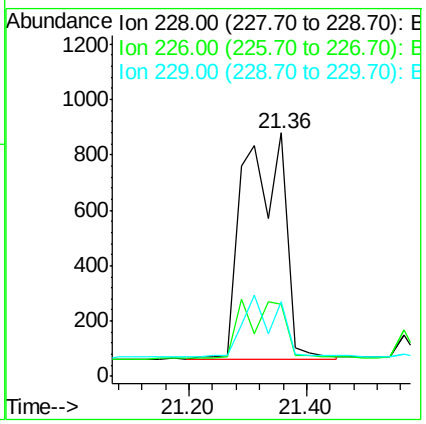


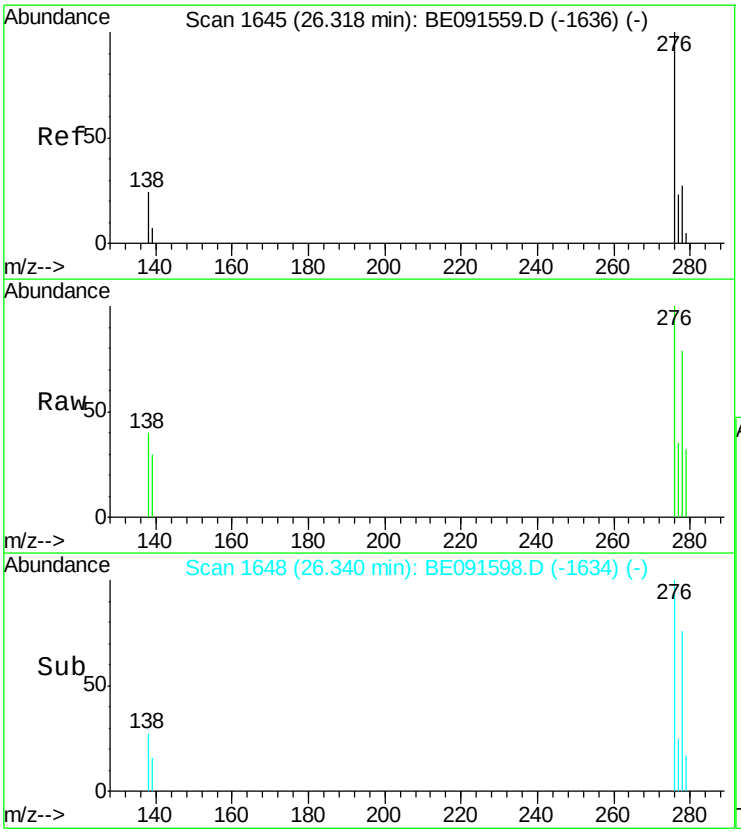
#26
Chrysene
Concen: 0.06 ng
RT: 21.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:228 Resp: 3989

Ion	Ratio	Lower	Upper
228	100		
226	29.6	18.9	28.3#
229	30.5	19.1	28.7#

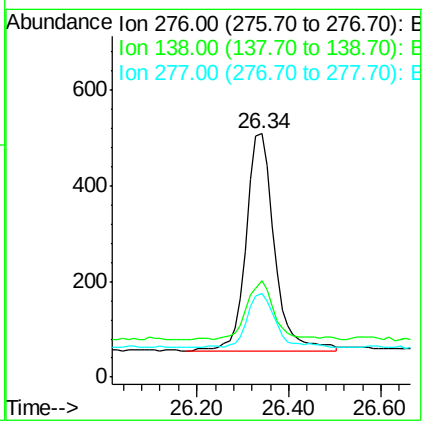


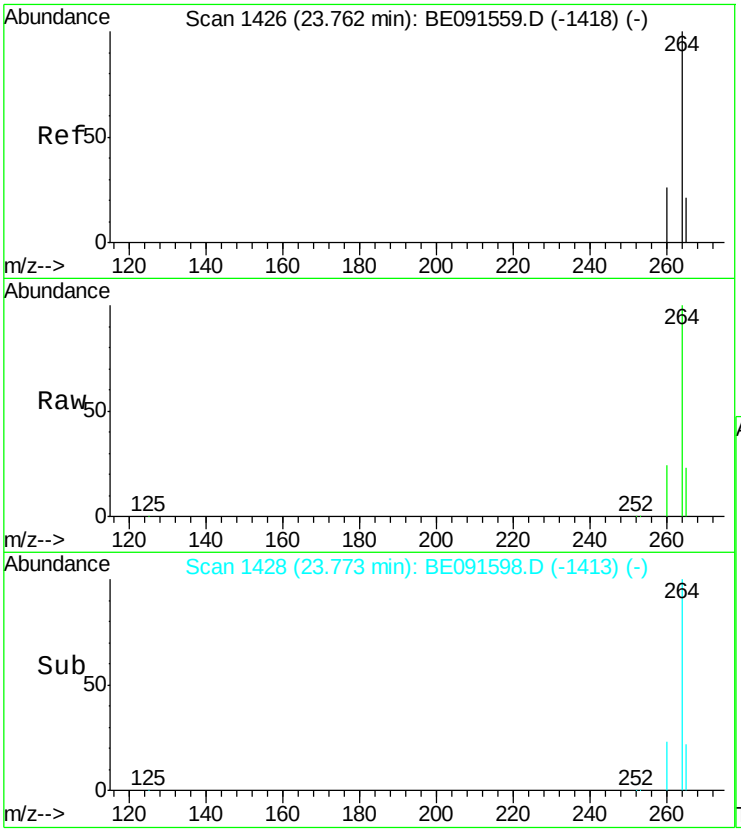


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.03 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:276 Resp: 1924

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.4
277	25.8	19.8	29.8



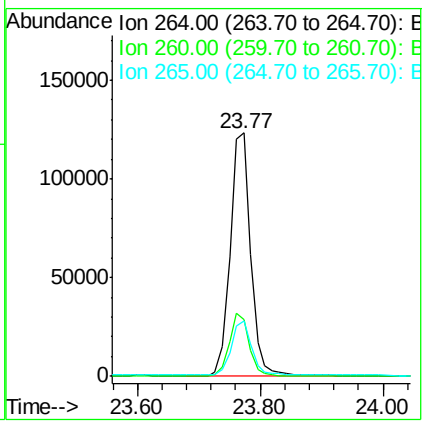


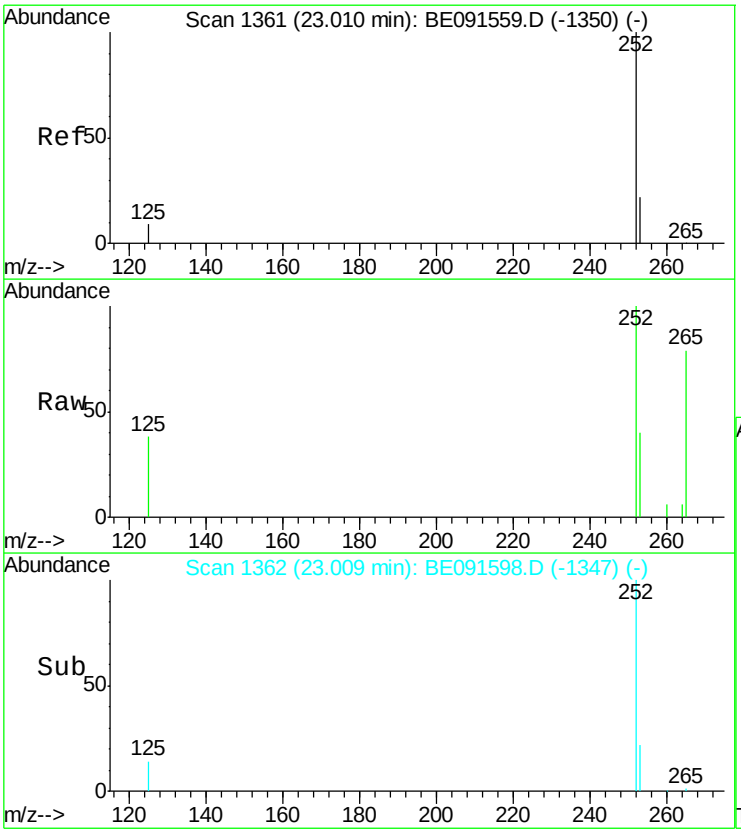
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:264 Resp: 288586

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.1	30.1
265	22.9	18.3	27.5

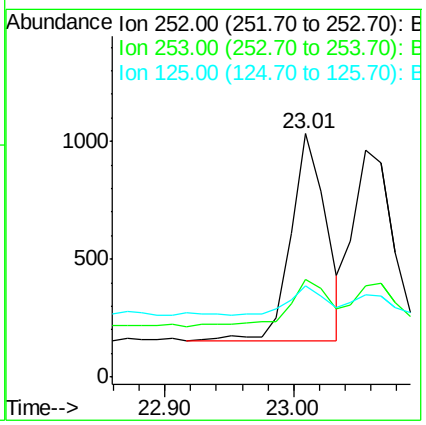


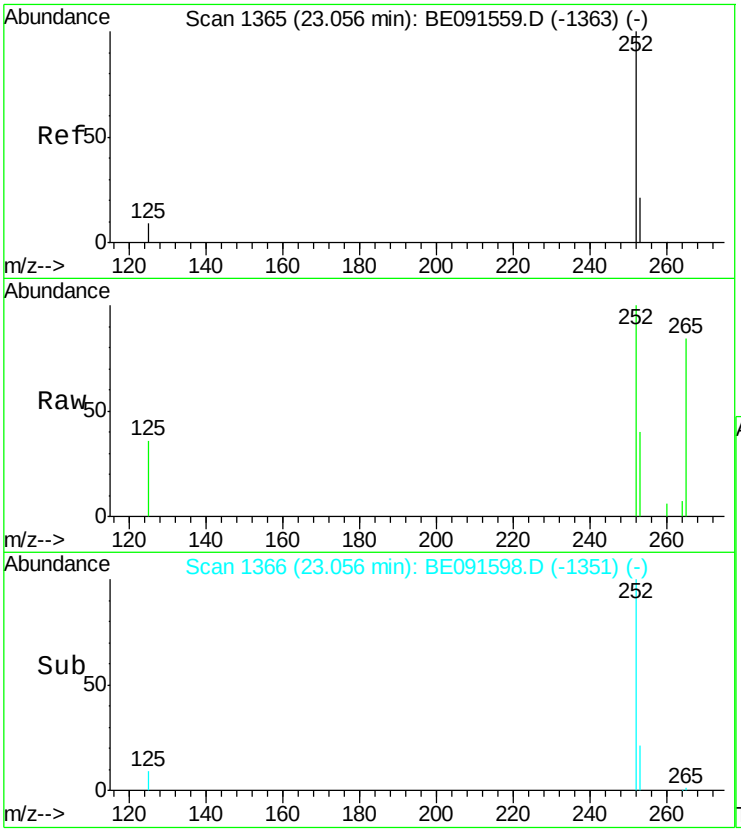


#29
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.01 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:252 Resp: 1670

Ion	Ratio	Lower	Upper
252	100		
253	40.0	18.7	28.1#
125	37.6	9.8	14.6#



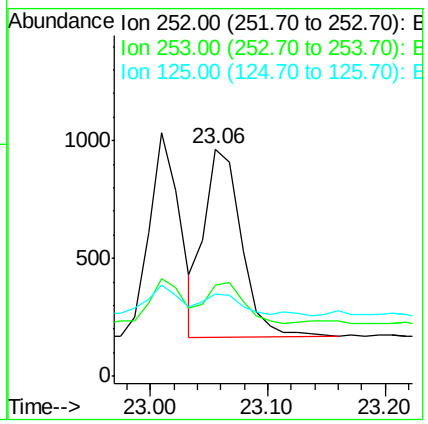


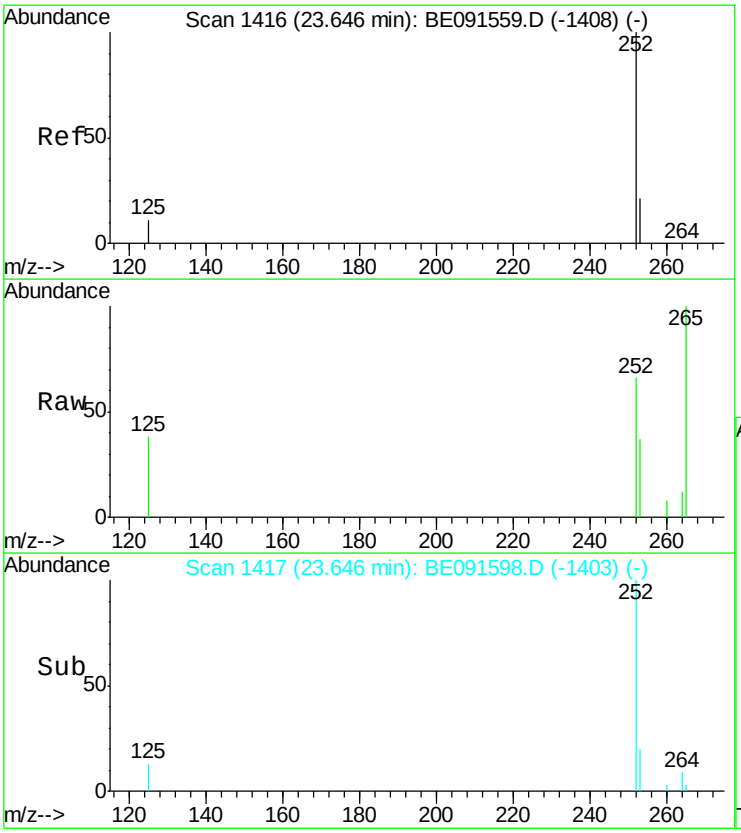
#30
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.06 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:252 Resp: 1764

Ion	Ratio	Lower	Upper
252	100		
253	40.3	20.2	30.4#
125	36.2	9.4	14.2#

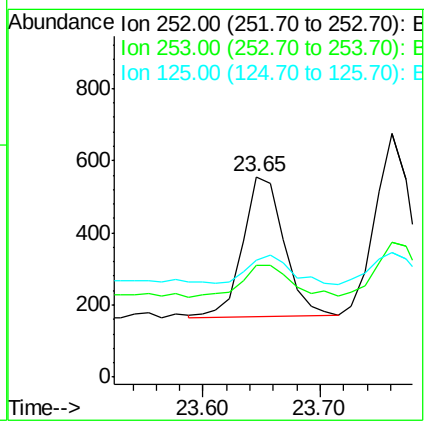


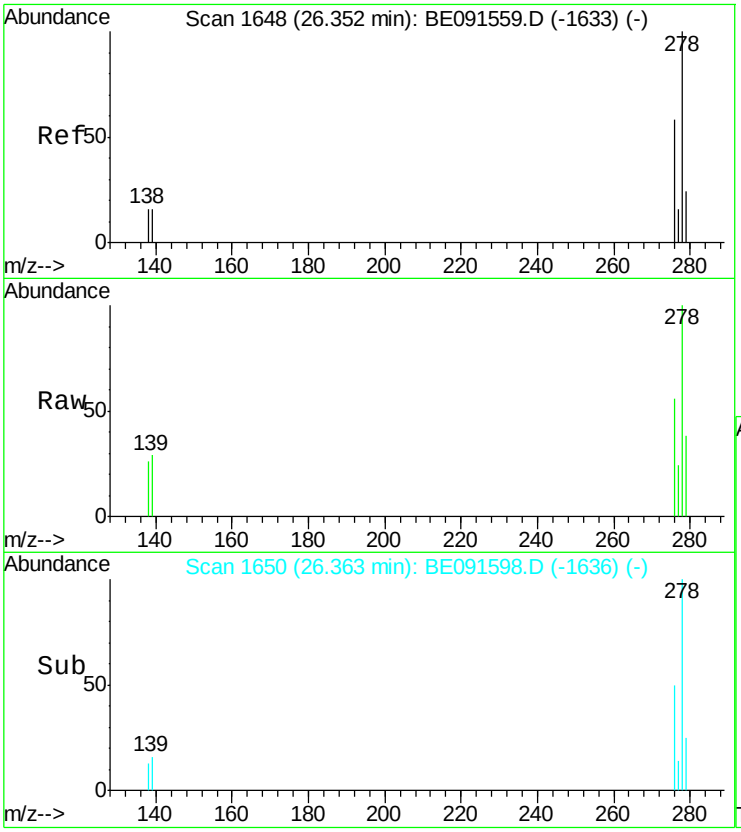


#31
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.65 min Scan# 1417
Delta R.T. -0.03 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:252 Resp: 954

Ion	Ratio	Lower	Upper
252	100		
253	55.8	19.4	29.0#
125	58.1	11.4	17.2#



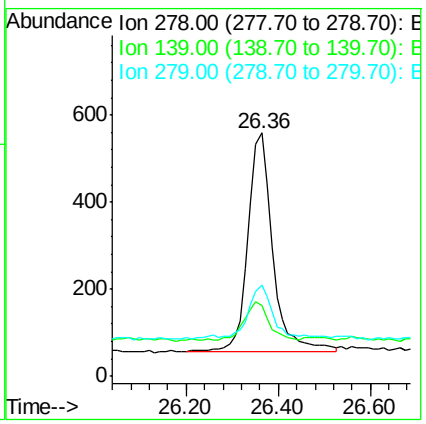


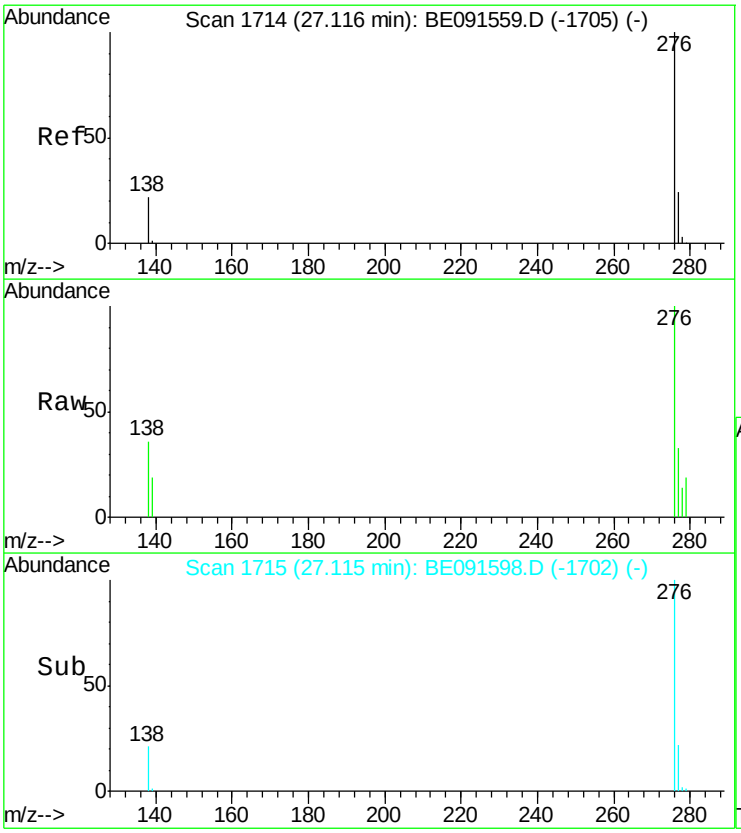
#32
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.36 min Scan# 1650
Delta R.T. -0.03 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

Tgt Ion:278 Resp: 1846

Ion	Ratio	Lower	Upper
278	100		
139	29.2	14.2	21.4#
279	37.7	19.6	29.4#





#33
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.12 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:276 Resp: 1601

Ion	Ratio	Lower	Upper
276	100		
277	33.0	19.4	29.2#
138	35.7	18.2	27.4#