Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033116\
Data File : BE091569.D
Acq On : 30 Mar 2016 23:51
Operator : UM/SJ
Sample : H1953-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 31 00:52:57 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	39588	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	181095	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	112176	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	286367	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	418543	5.00	ng	-0.02
28) Perylene-d12	23.76	264	348567	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	33155	3.20	ng	-0.01
5) Phenol-d6	6.97	99	28182	2.01	ng	-0.02
7) Nitrobenzene-d5	8.96	82	49293	4.06	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	34753	6.99	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	131955	4.14	ng	-0.02
24) Terphenyl-d14	19.76	244	257713	4.85	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.63	42	48	0.01	ng	# 1
8) Naphthalene	10.63	128	356	0.01	ng	# 44
9) 2-Methylnaphthalene	12.25	142	92	0.00	ng	# 57
13) Acenaphthylene	14.08	152	528	0.01	ng	# 60
14) Acenaphthene	14.42	154	441	0.02	ng	# 18
15) Fluorene	15.47	166	133	0.00	ng	# 90
17) Hexachlorobenzene	16.46	284	20	0.00	ng	# 39
18) Pentachlorophenol	16.76	266	377	0.06	ng	# 8
19) Phenanthrene	17.19	178	684	0.01	ng	# 76
20) Anthracene	17.29	178	73	0.00	ng	# 68
21) Fluoranthene	19.21	202	292	0.00	ng	# 72
23) Pyrene	19.57	202	217	0.00	ng	# 25
25) Benzo(a)anthracene	21.31	228	1404	0.01	ng	# 64
26) Chrysene	21.31	228	1431	0.02	ng	# 75
27) Indeno(1,2,3-cd)pyrene	26.32	276	150	0.00	ng	# 1
29) Benzo(b)fluoranthene	23.01	252	317	0.00	ng	# 1
30) Benzo(k)fluoranthene	23.06	252	174	0.00	ng	# 1
31) Benzo(a)pyrene	23.66	252	88	0.00	ng	# 1
32) Dibenzo(a,h)anthracene	26.34	278	110	0.00	ng	# 1
33) Benzo(g,h,i)perylene	27.12	276	146	0.00	ng	# 1

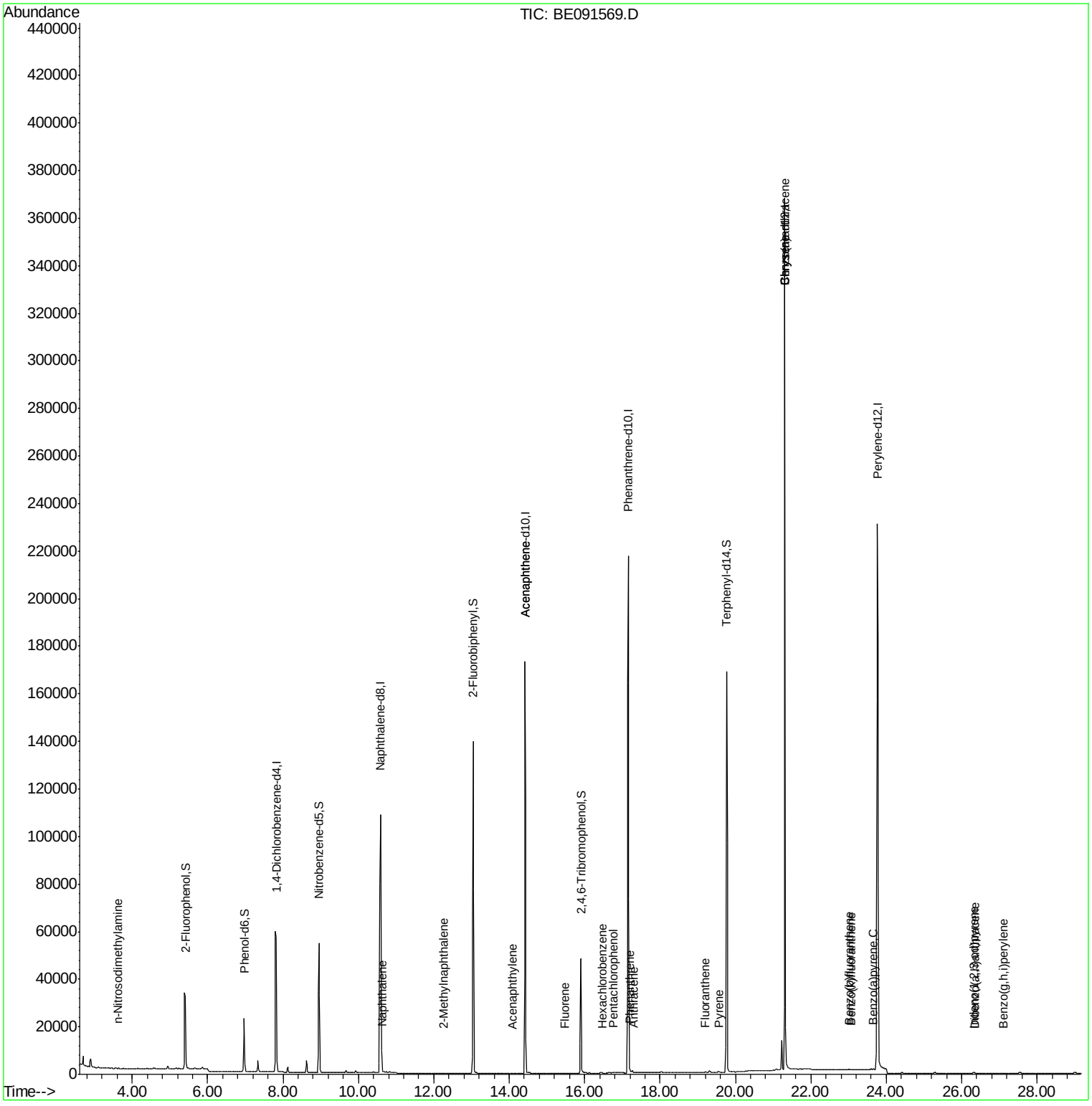
(#) = qualifier out of range (m) = manual integration (+) = signals summed

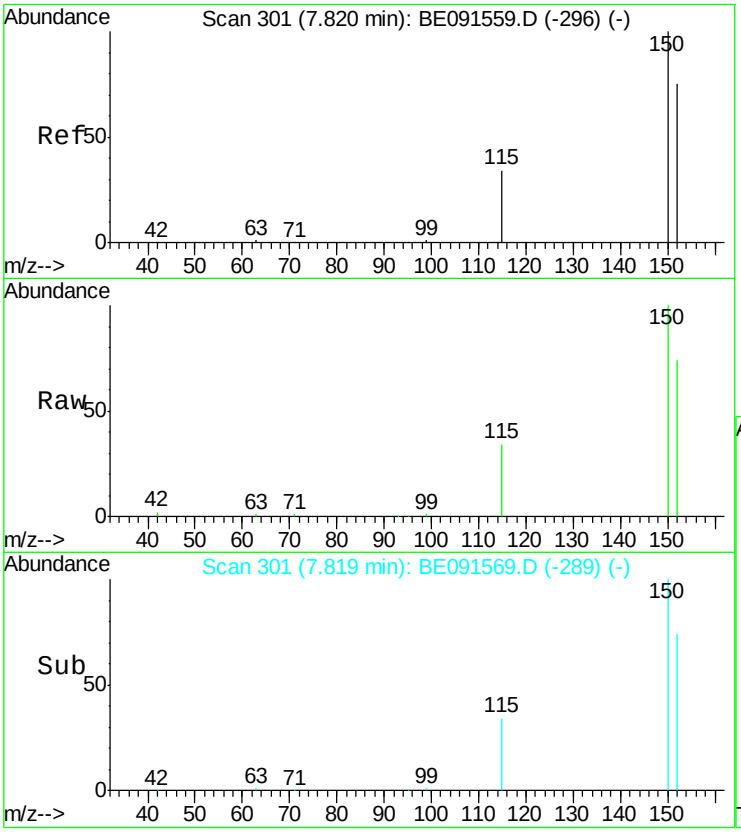
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033116\
Data File : BE091569.D
Acq On : 30 Mar 2016 23:51
Operator : UM/SJ
Sample : H1953-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 31 00:52:57 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



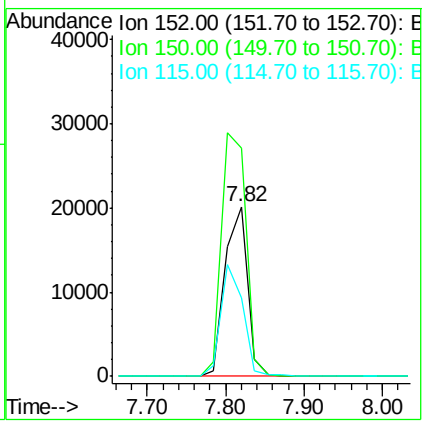


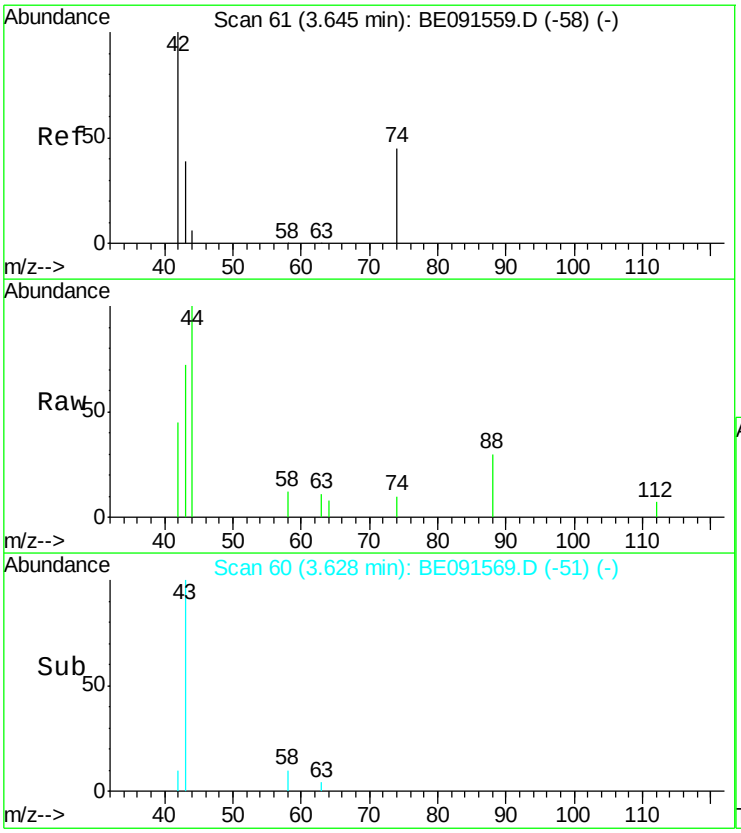
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 39588

Ion	Ratio	Lower	Upper
152	100		
150	134.7	122.2	183.2
115	46.0	45.9	68.9

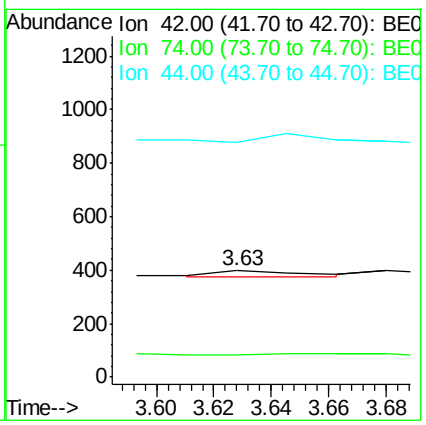


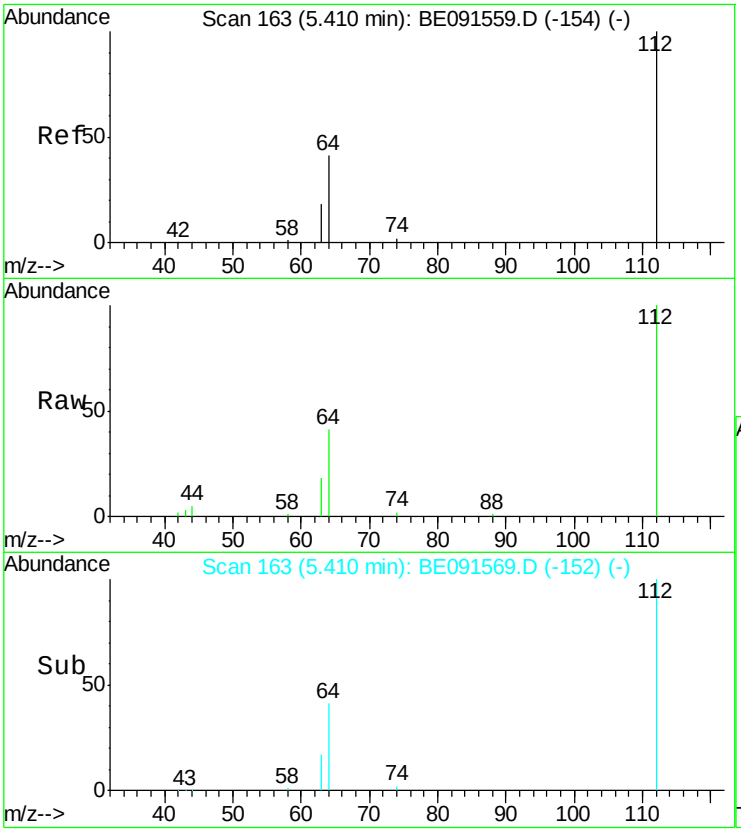


#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.05 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion: 42 Resp: 48

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.3	126.5#
44	158.3	6.7	10.1#



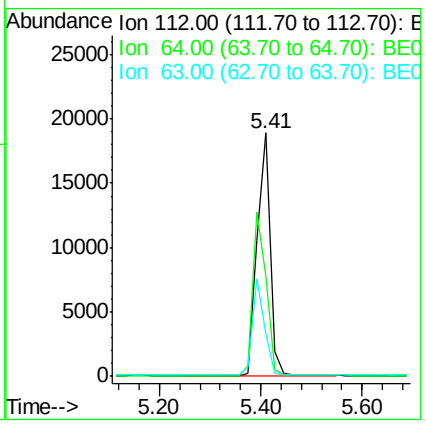


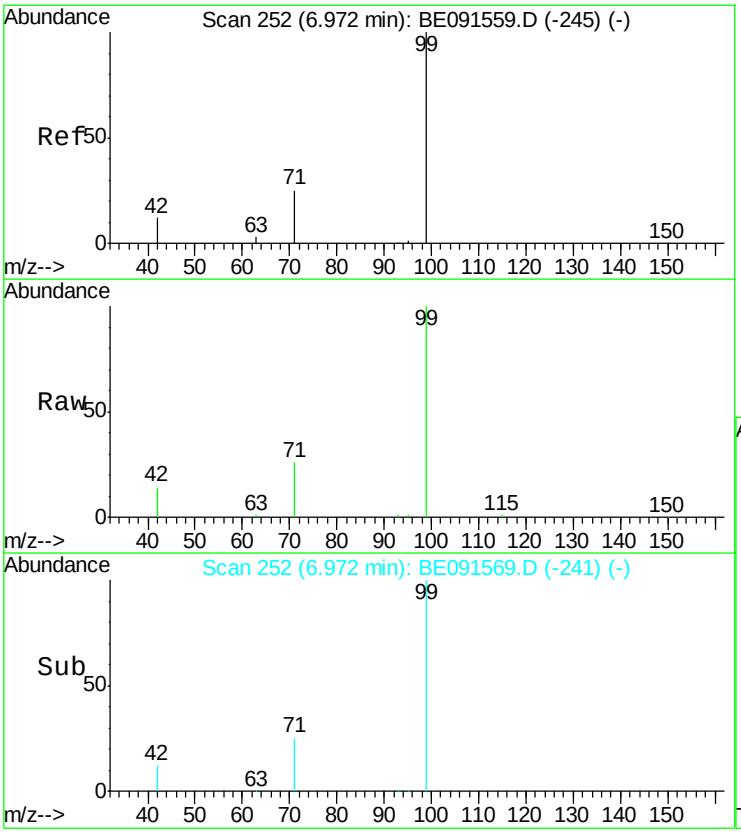
#4
2-Fluorophenol
Concen: 3.20 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 33155

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.3	79.9
63	37.0	29.8	44.8

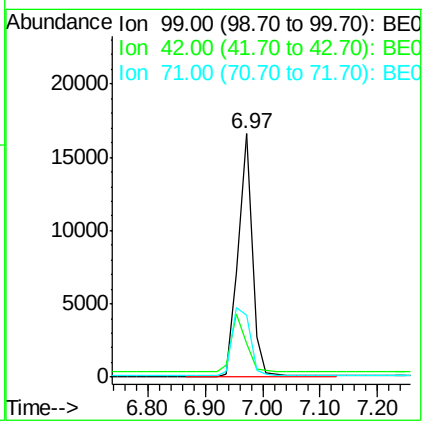


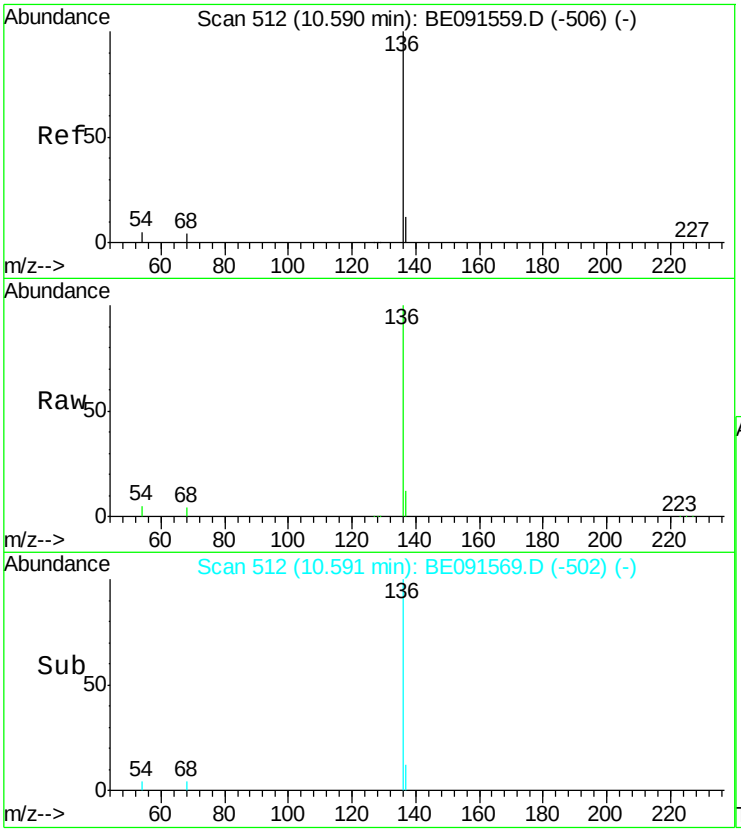


#5
Phenol-d6
Concen: 2.01 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion: 99 Resp: 28182

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.6	30.8
71	35.8	29.0	43.4



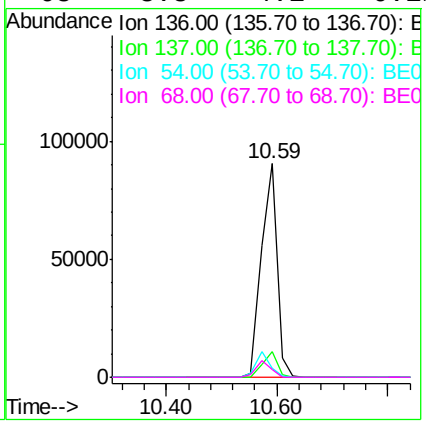


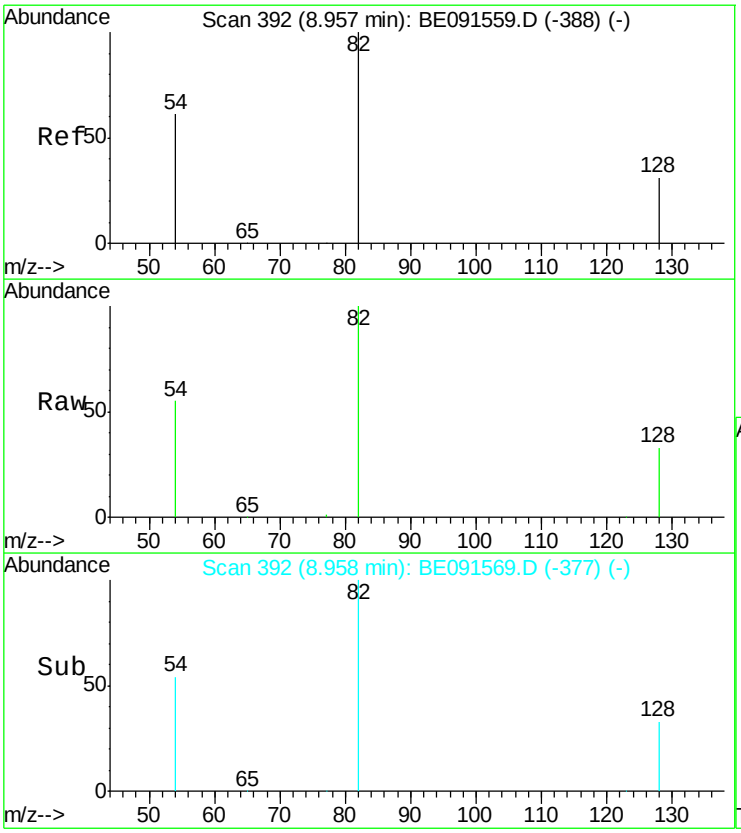
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 181095

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	4.5	5.2	7.8#
68	3.8	4.1	6.1#

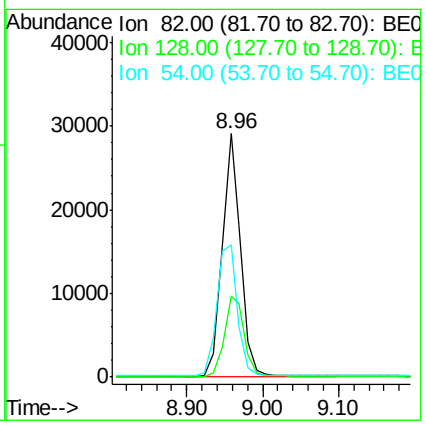


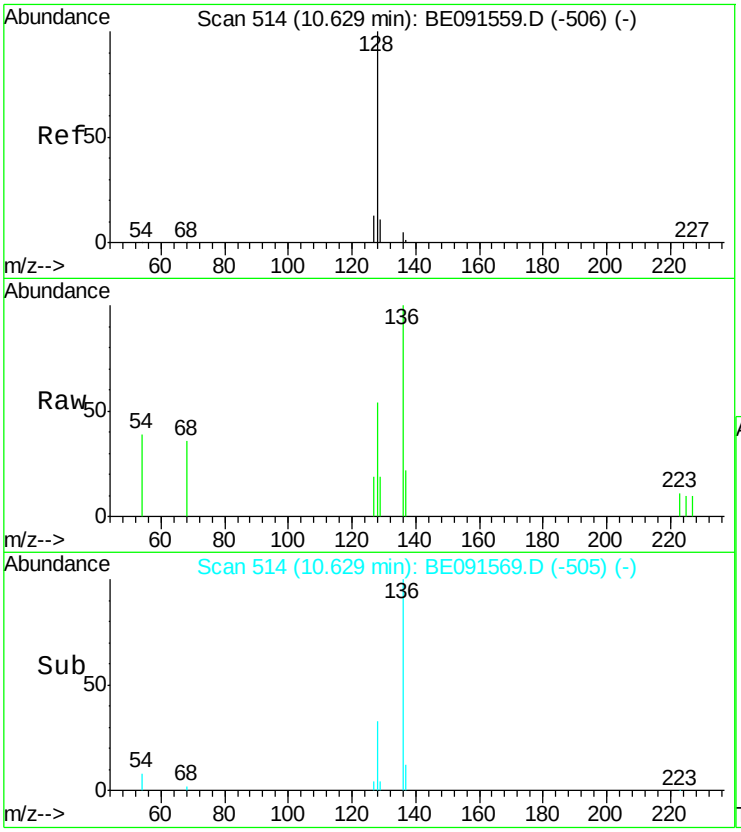


#7
Nitrobenzene-d5
Concen: 4.06 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion: 82 Resp: 49293

Ion	Ratio	Lower	Upper
82	100		
128	33.4	23.5	35.3
54	54.6	52.4	78.6



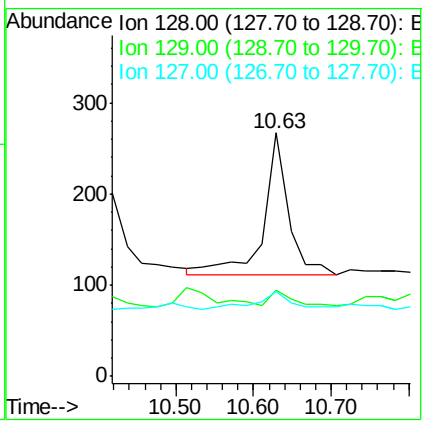


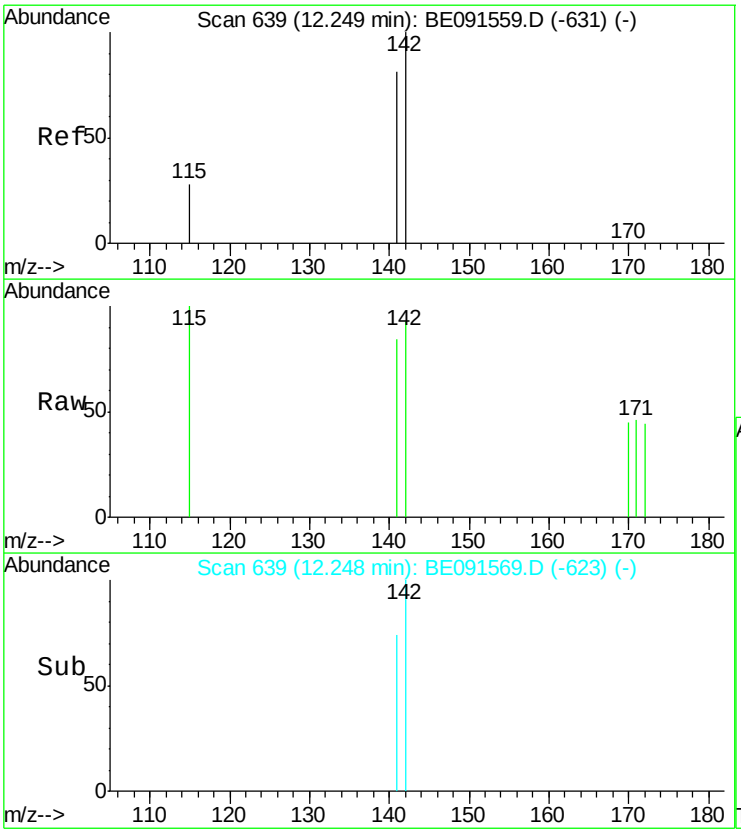
#8
Naphthalene
Concen: 0.01 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 356

Ion	Ratio	Lower	Upper
128	100		
129	35.6	8.2	12.2#
127	34.8	11.8	17.8#

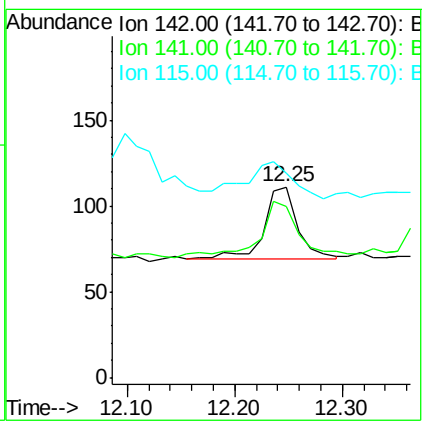


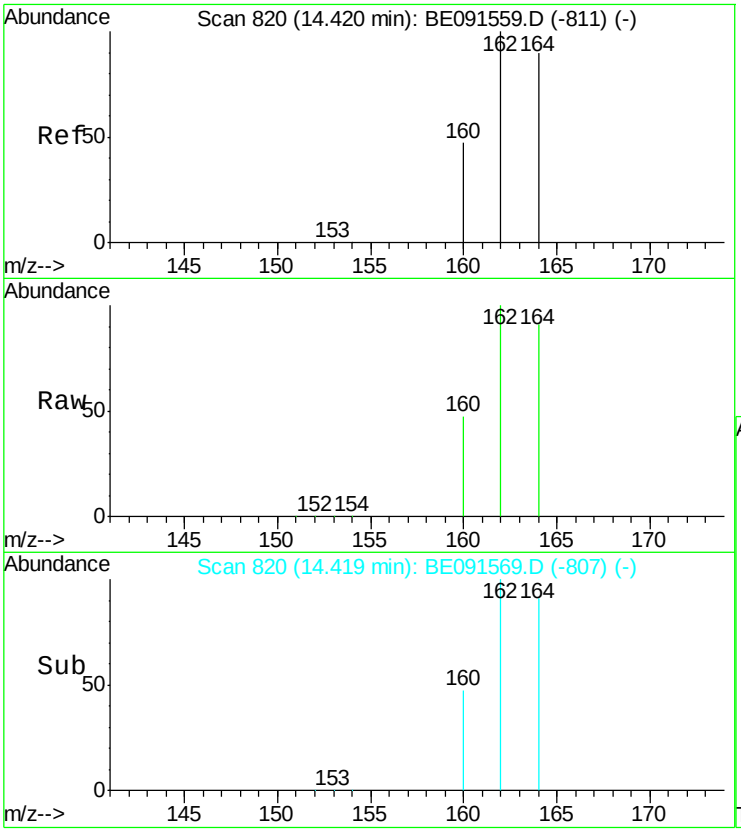


#9
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:142 Resp: 92

Ion	Ratio	Lower	Upper
142	100		
141	90.1	66.9	100.3
115	107.2	25.1	37.7#



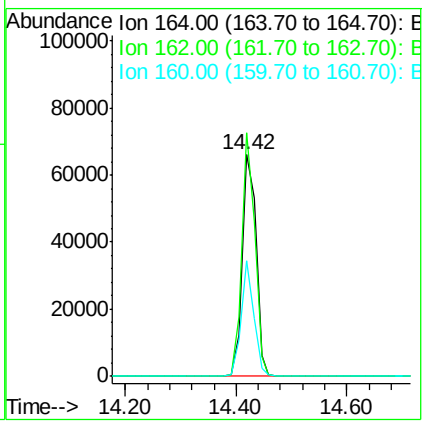


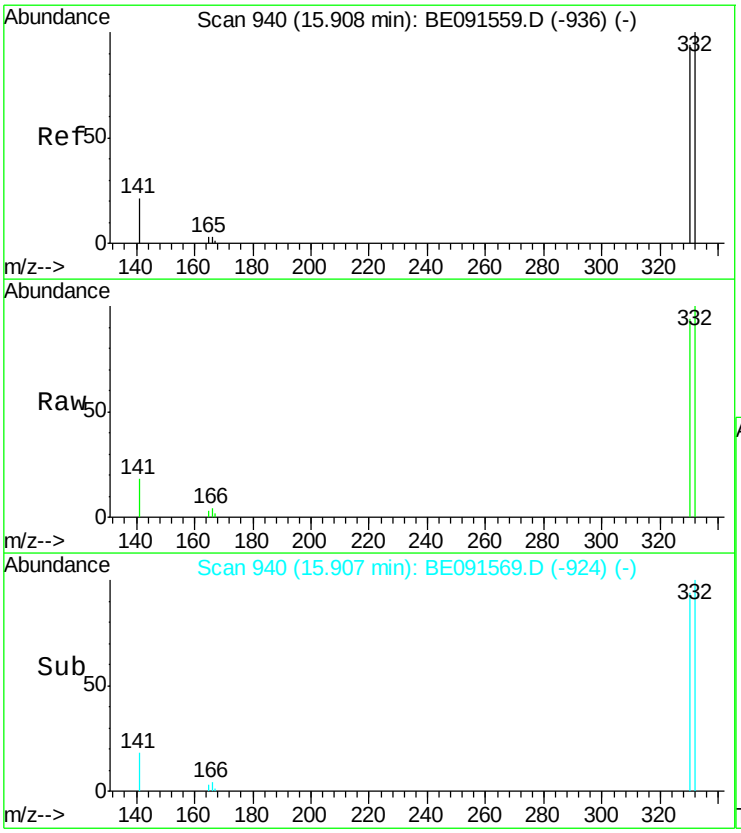
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 112176

Ion	Ratio	Lower	Upper
164	100		
162	110.0	84.4	126.6
160	52.2	37.7	56.5

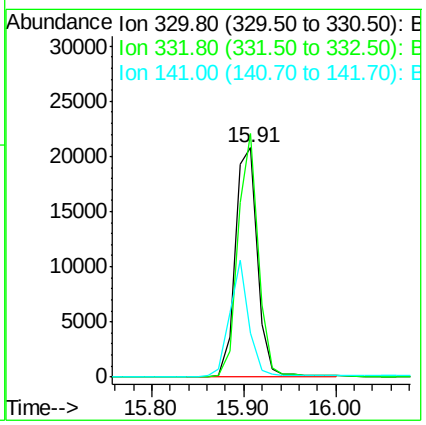


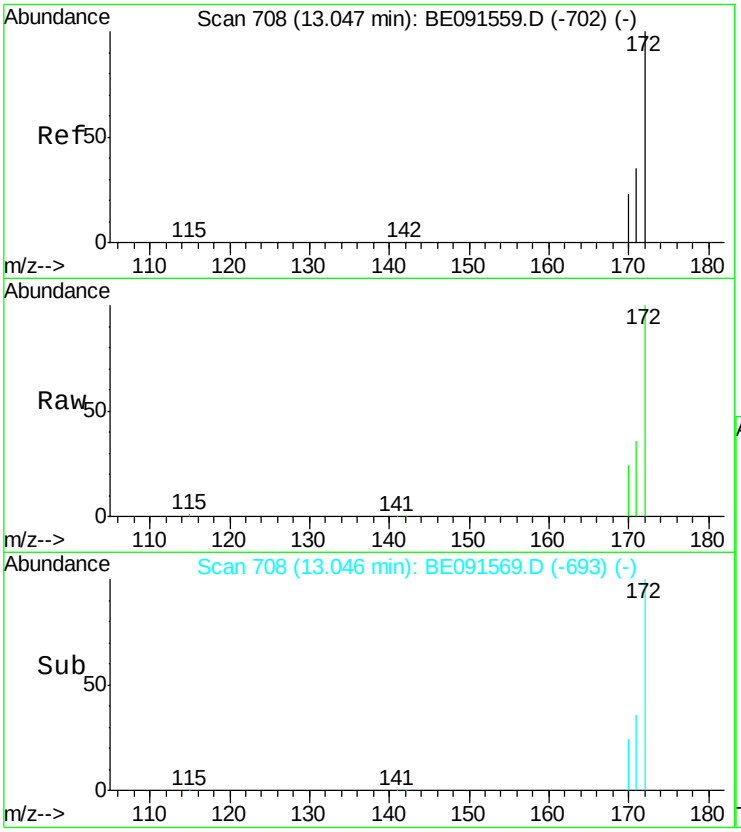


#11
2,4,6-Tribromophenol
Concen: 6.99 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:330 Resp: 34753

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.2	118.8
141	43.3	28.1	42.1#



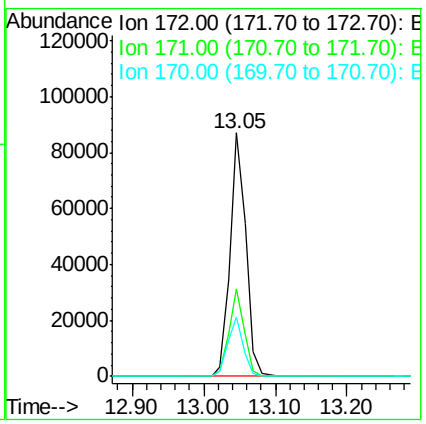


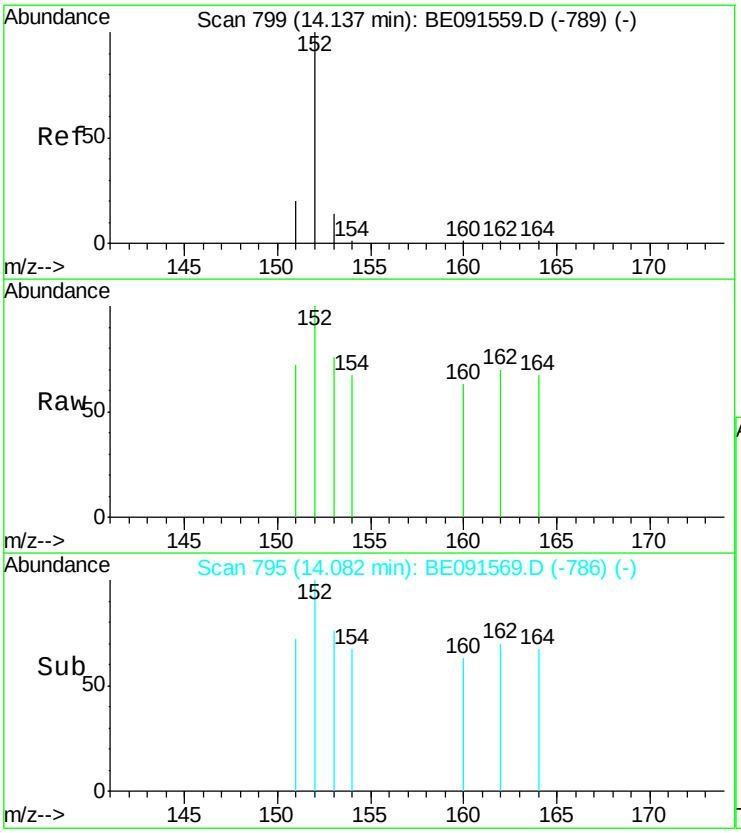
#12
2-Fluorobiphenyl
Concen: 4.14 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 131955

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.8	44.8
170	24.3	21.4	32.2

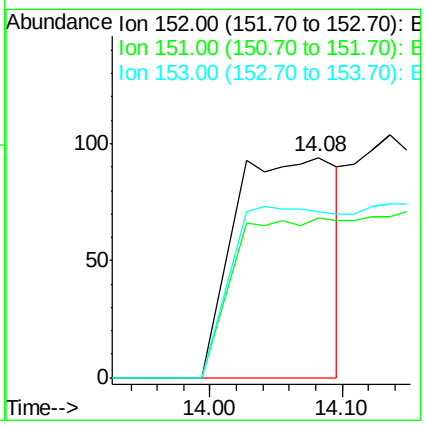


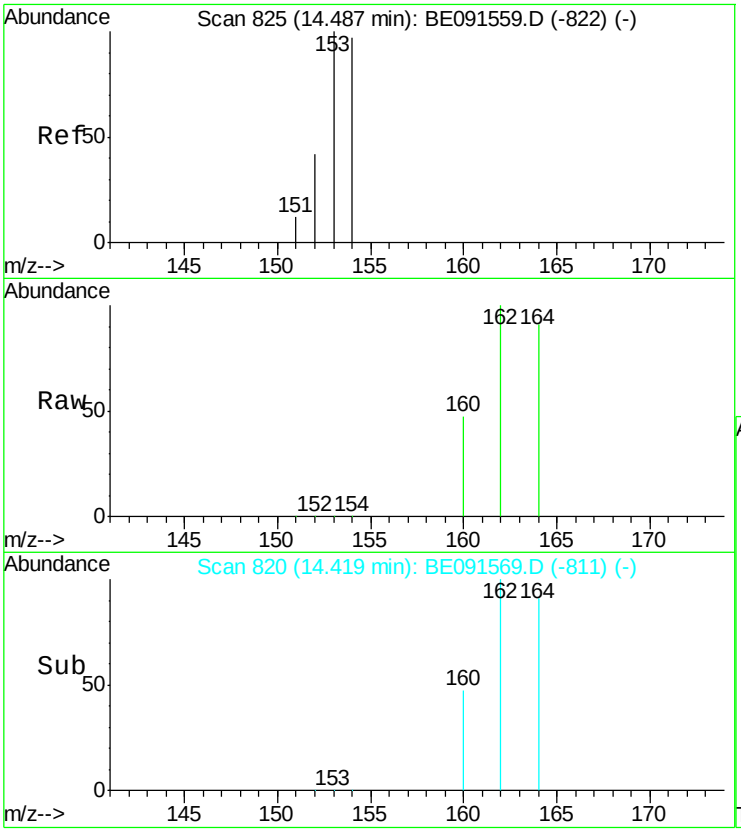


#13
Acenaphthylene
Concen: 0.01 ng
RT: 14.08 min Scan# 795
Delta R.T. -0.07 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:152 Resp: 528

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



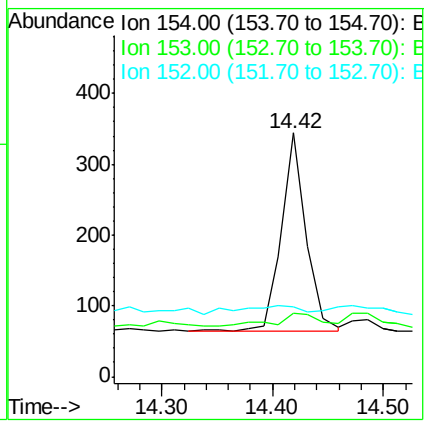


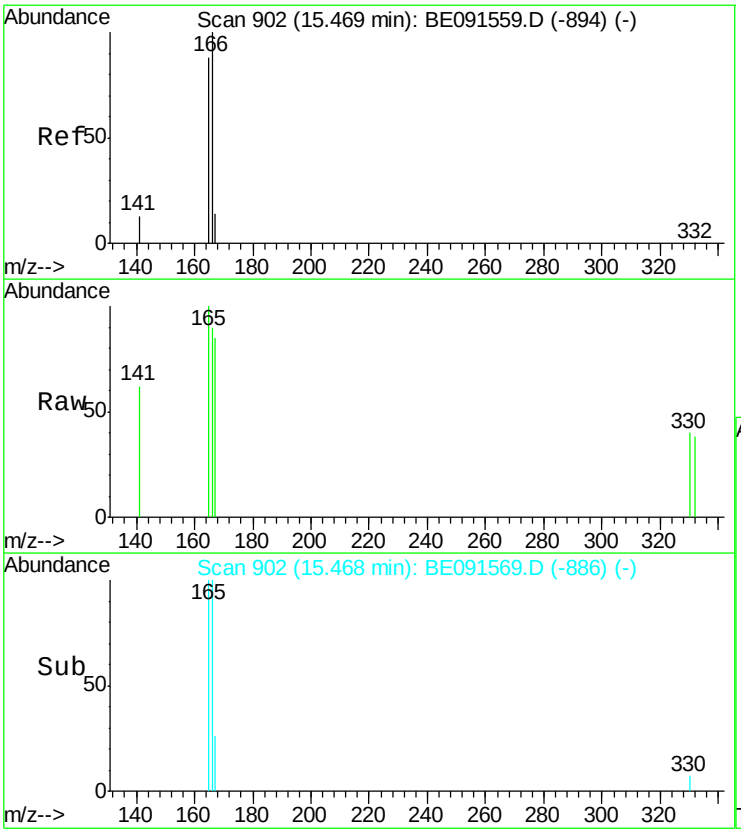
#14
Acenaphthene
Concen: 0.02 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.08 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 441

Ion	Ratio	Lower	Upper
154	100		
153	11.1	87.3	130.9#
152	11.3	42.9	64.3#

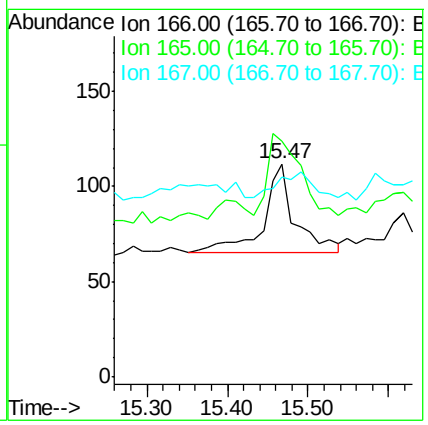


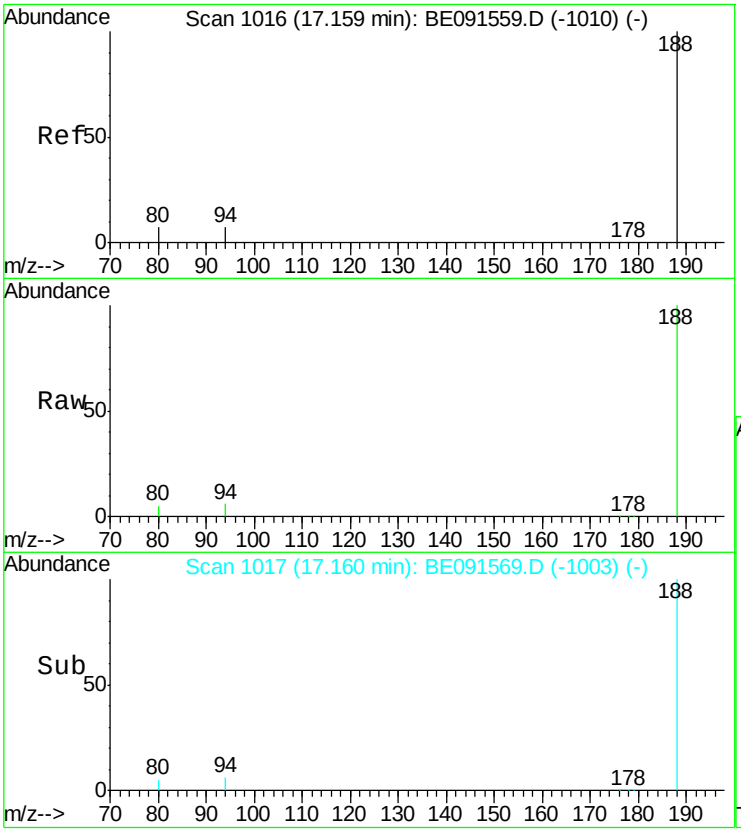


#15
Fluorene
Concen: 0.00 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:166 Resp: 133

Ion	Ratio	Lower	Upper
166	100		
165	92.5	79.2	118.8
167	0.0	10.8	16.2#



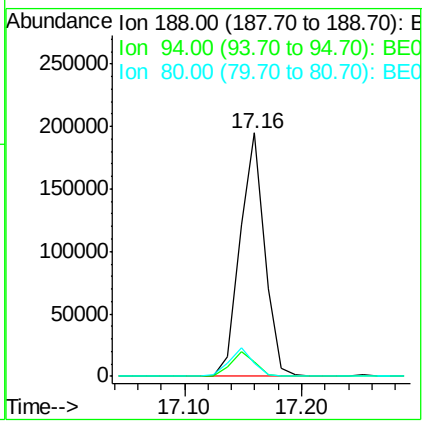


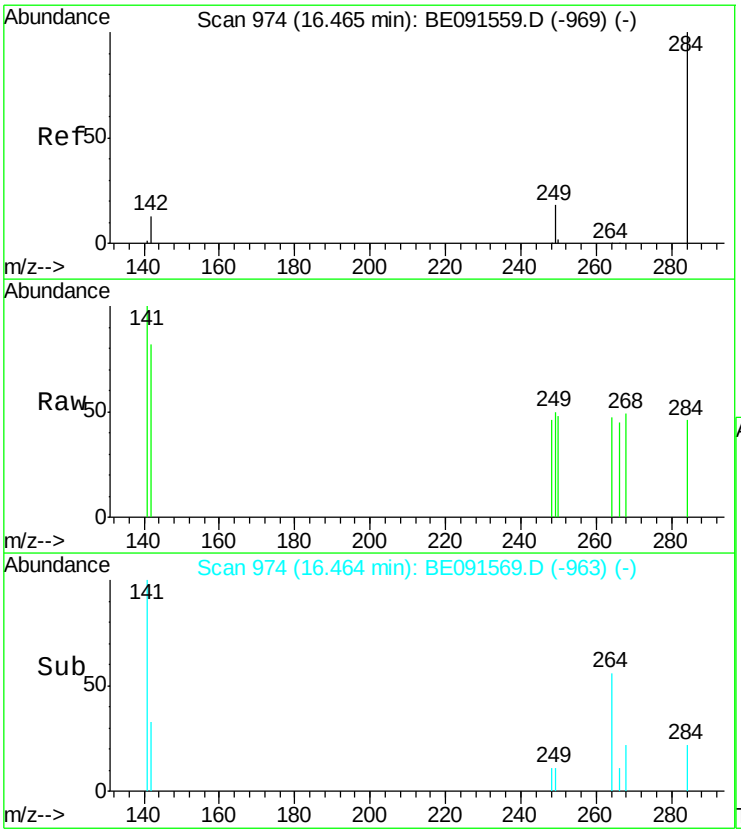
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 286367

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.4	8.2
80	5.4	5.0	7.4

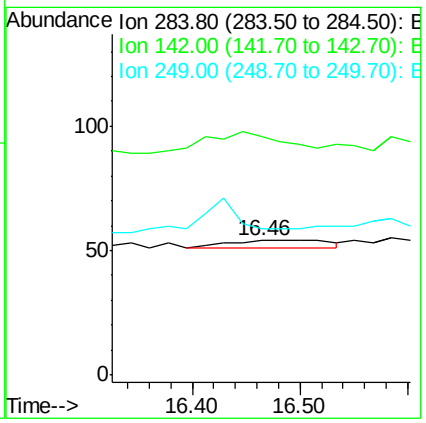


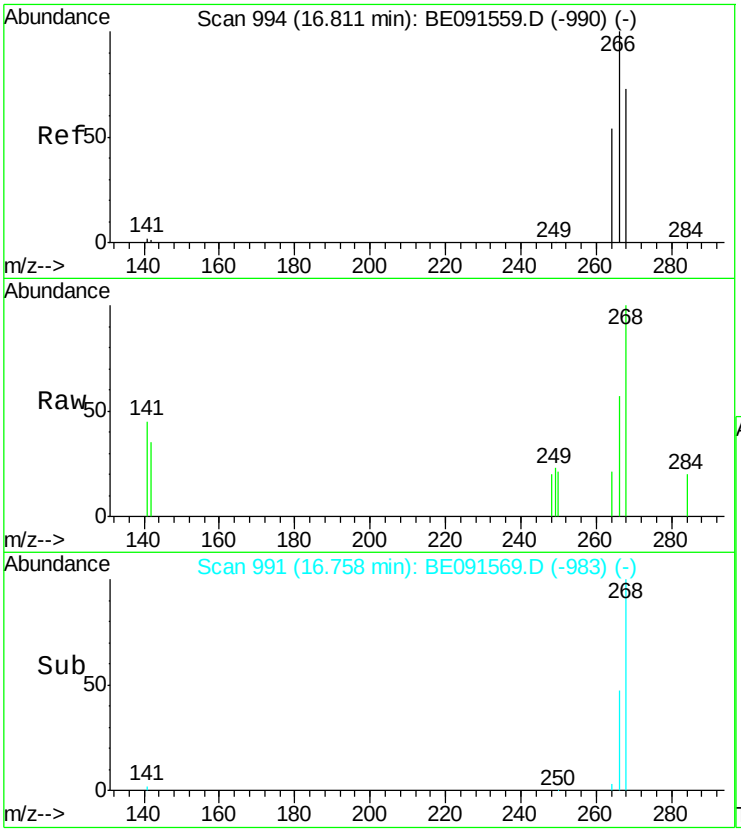


#17
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:284 Resp: 20

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



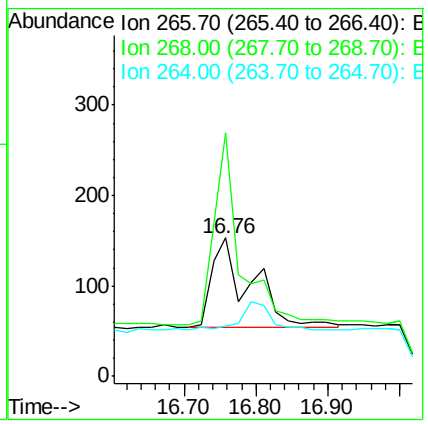


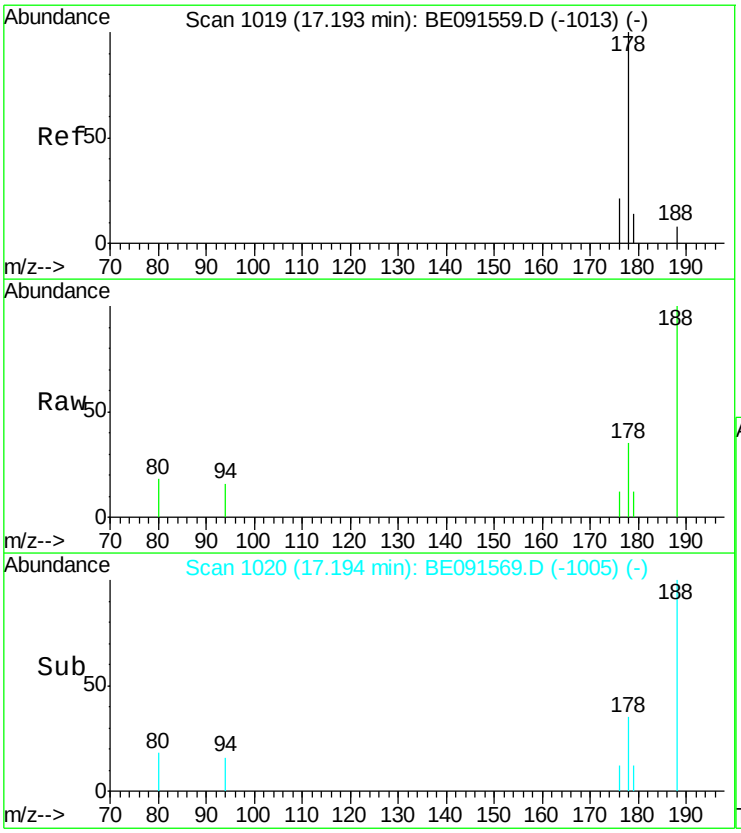
#18
Pentachlorophenol
Concen: 0.06 ng
RT: 16.76 min Scan# 991
Delta R.T. -0.07 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 377

Ion	Ratio	Lower	Upper
266	100		
268	175.8	48.2	72.2#
264	36.6	52.1	78.1#

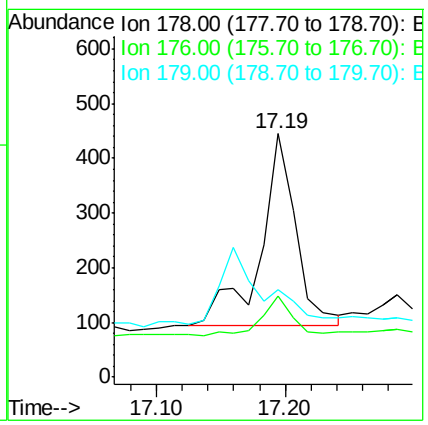


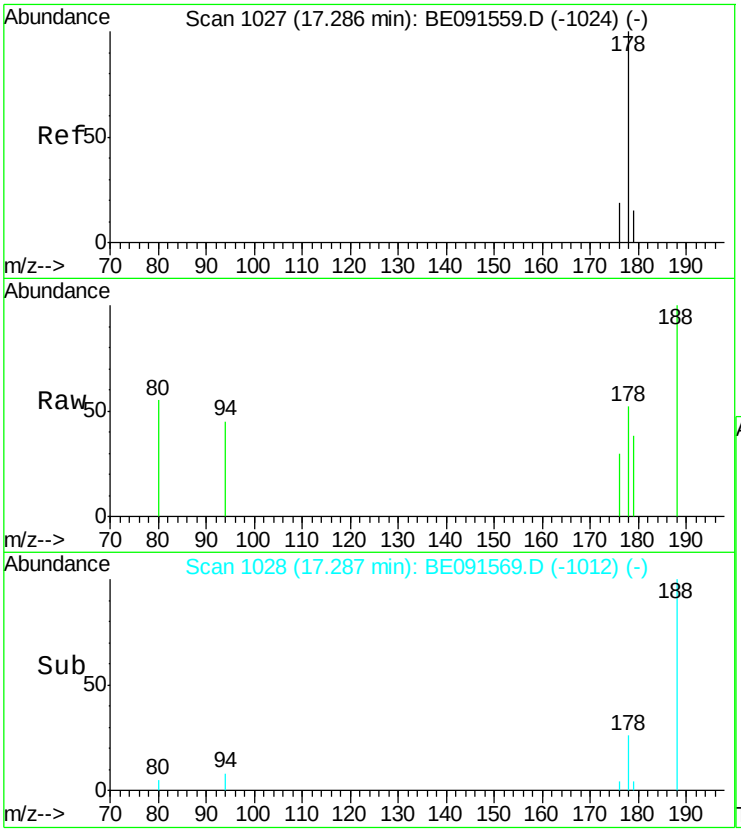


#19
Phenanthrene
Concen: 0.01 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:178 Resp: 684

Ion	Ratio	Lower	Upper
178	100		
176	14.2	15.5	23.3#
179	0.0	13.1	19.7#



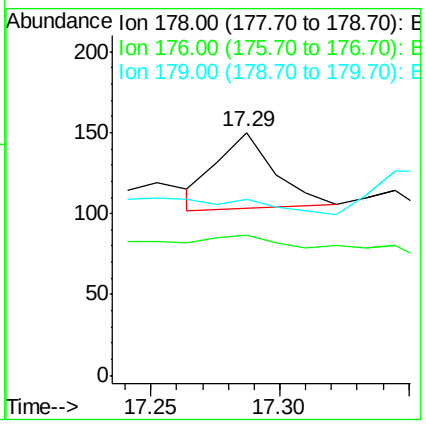


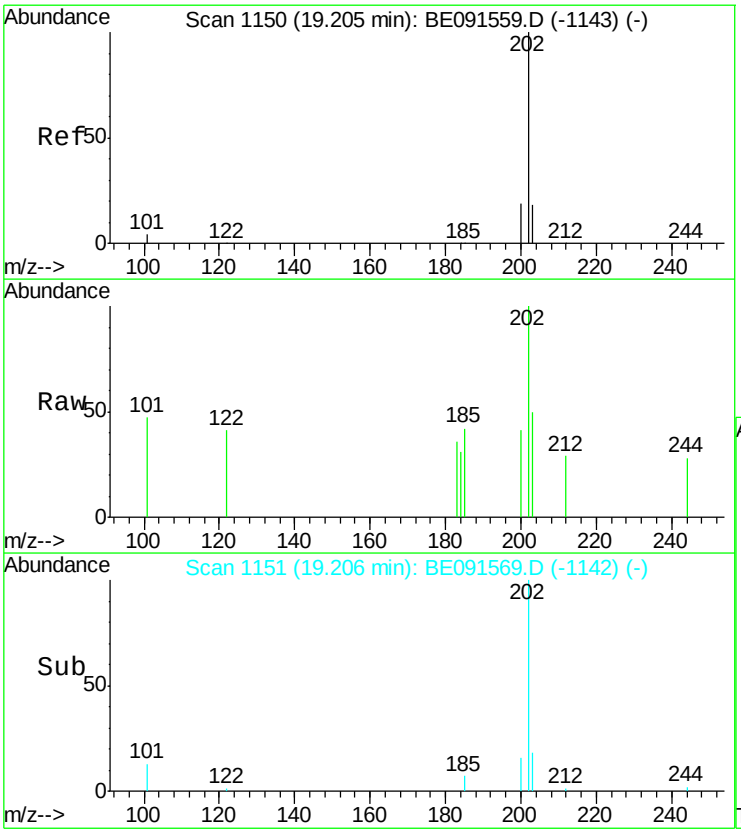
#20
Anthracene
Concen: 0.00 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 73

Ion	Ratio	Lower	Upper
178	100		
176	31.5	14.9	22.3#
179	0.0	12.2	18.4#

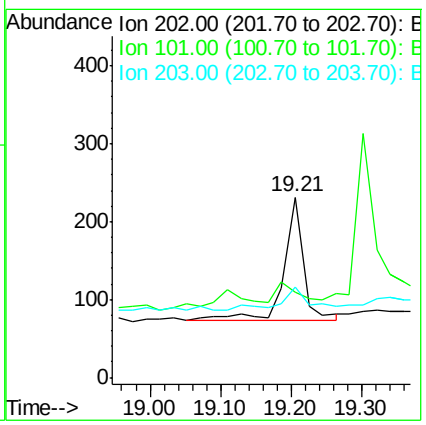


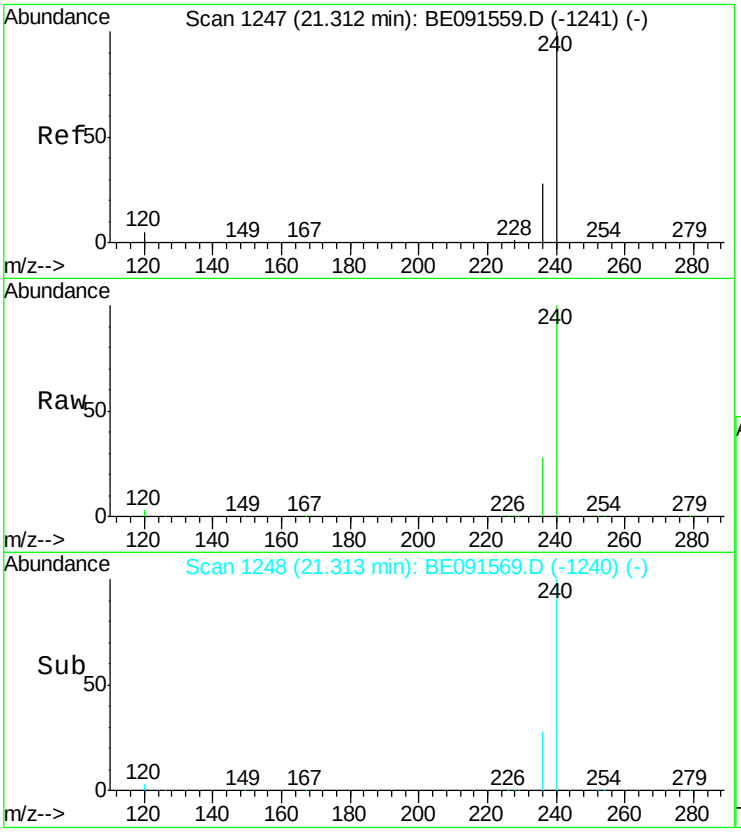


#21
Fluoranthene
Concen: 0.00 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:202 Resp: 292

Ion	Ratio	Lower	Upper
202	100		
101	19.2	8.3	12.5#
203	30.5	13.9	20.9#



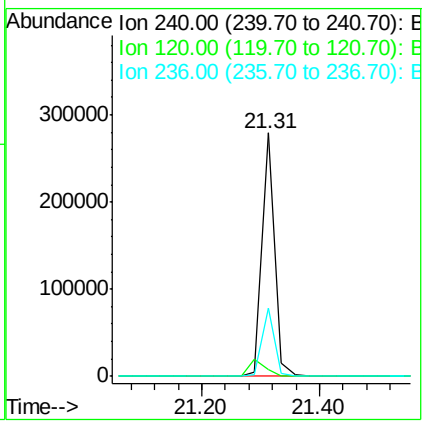


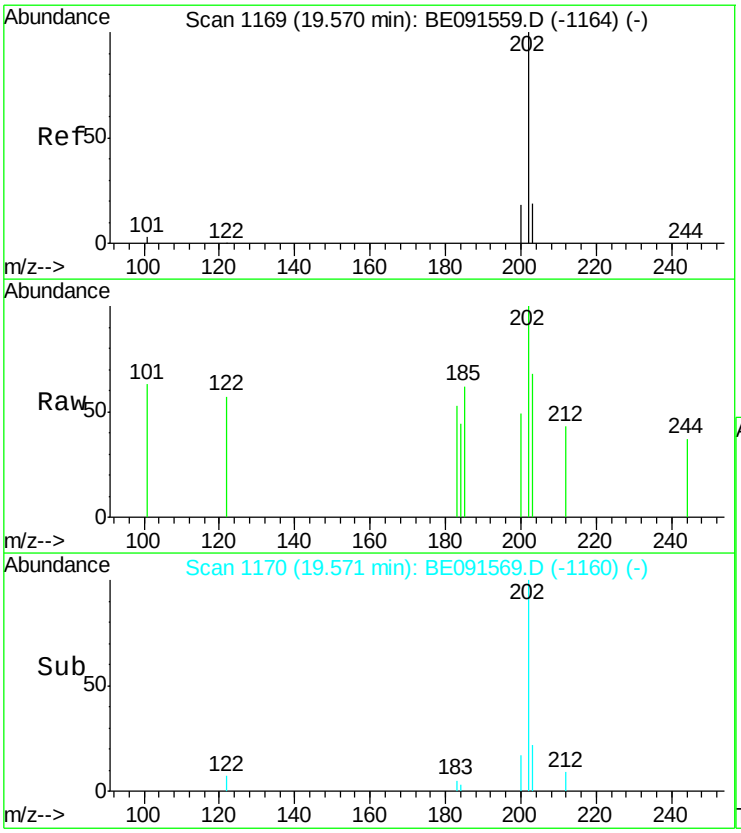
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 418543

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.0	6.0#
236	27.8	23.0	34.4

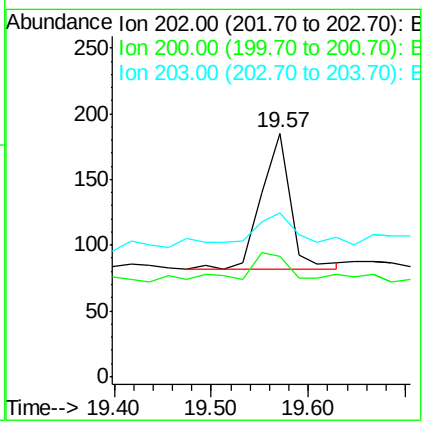


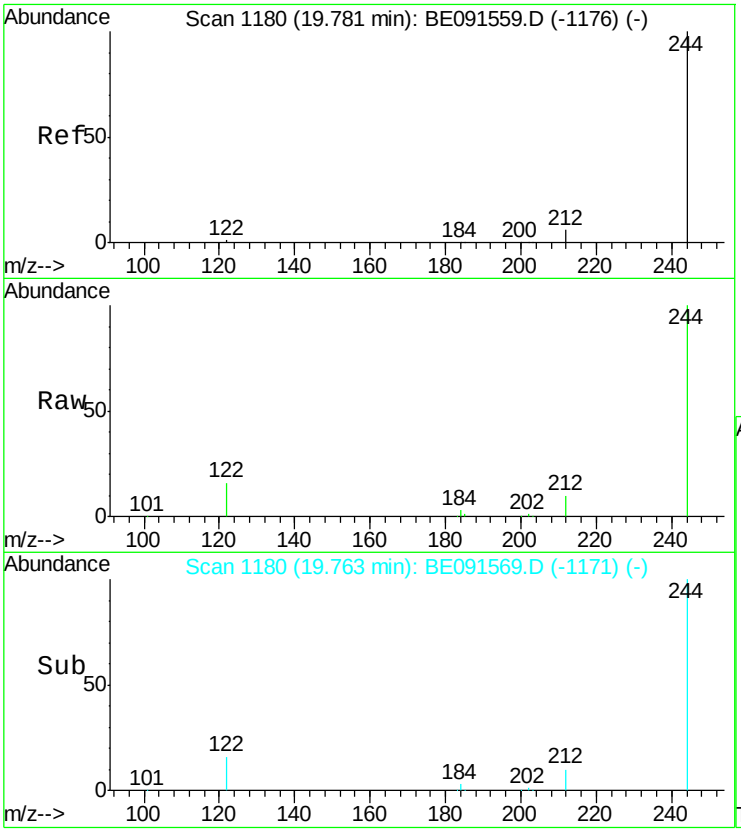


#23
Pyrene
Concen: 0.00 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:202 Resp: 217

Ion	Ratio	Lower	Upper
202	100		
200	35.5	16.4	24.6#
203	72.8	14.6	21.8#



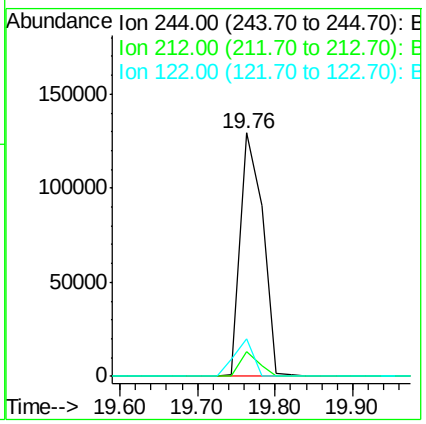


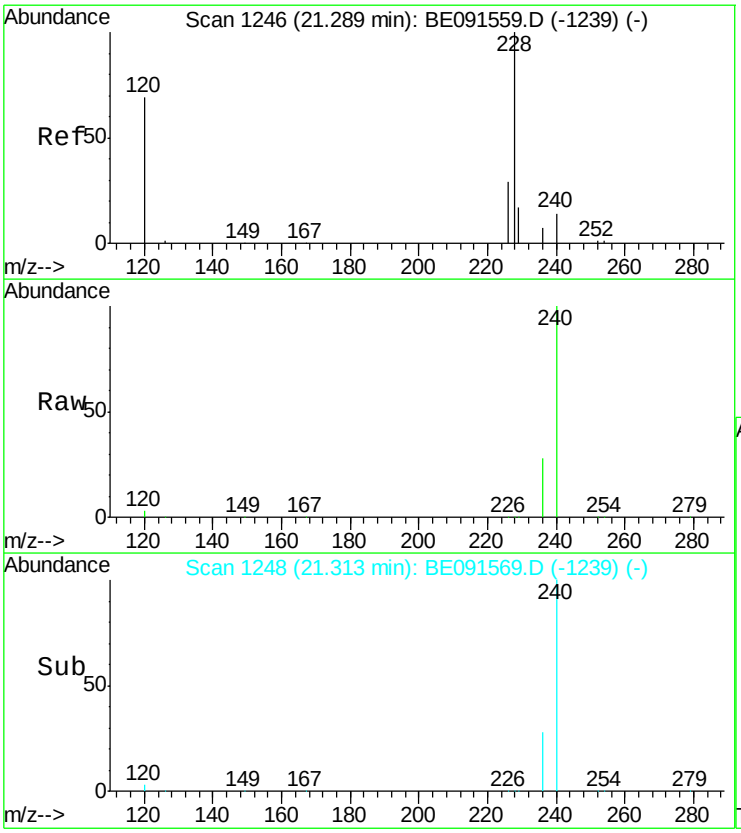
#24
Terphenyl-d14
Concen: 4.85 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 257713

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	15.7	1.8	2.8#

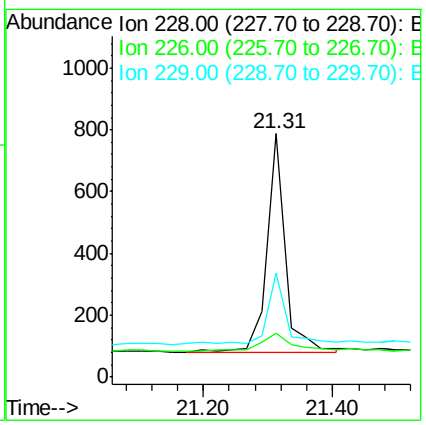


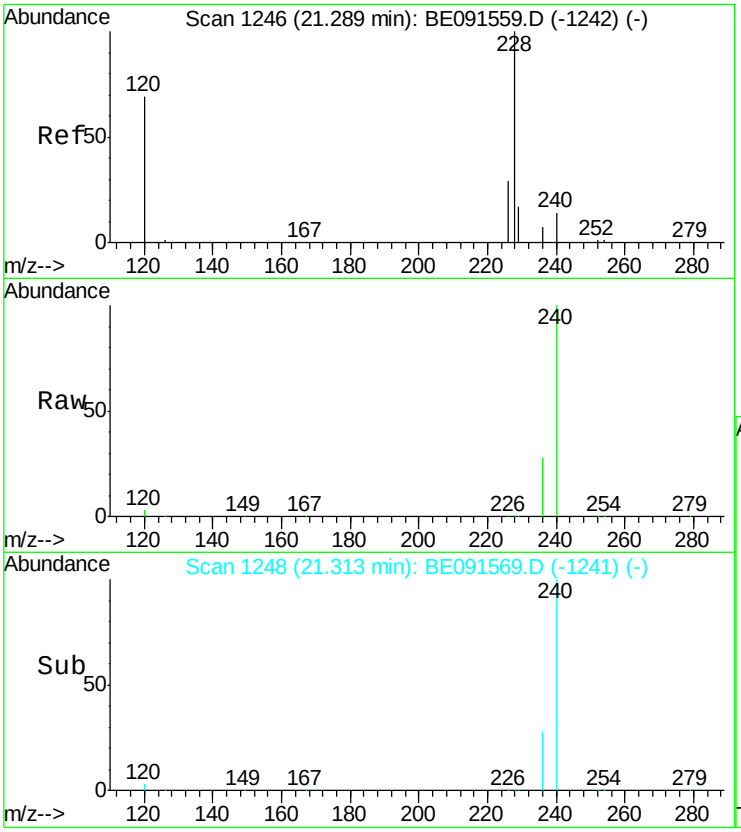


#25
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:228 Resp: 1404

Ion	Ratio	Lower	Upper
228	100		
226	17.8	24.0	36.0#
229	42.8	13.8	20.6#



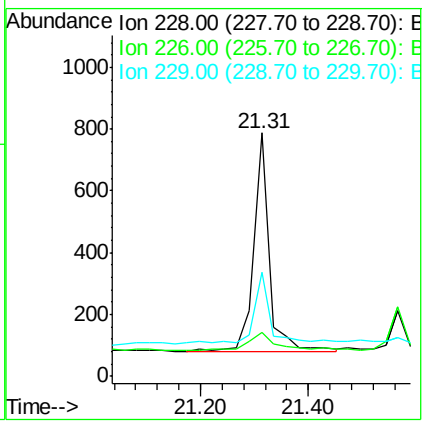


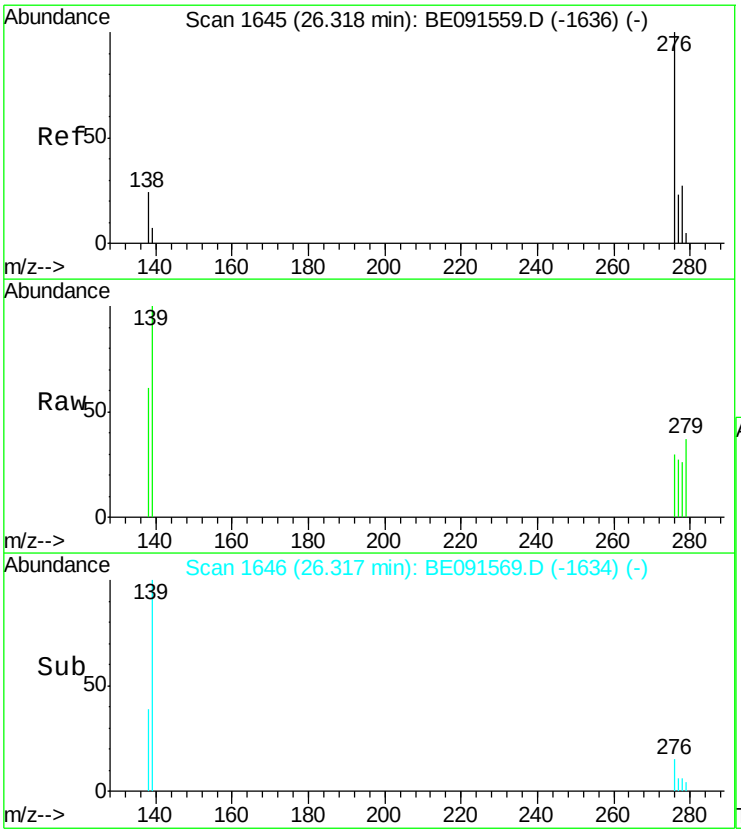
#26
Chrysene
Concen: 0.02 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1431

Ion	Ratio	Lower	Upper
228	100		
226	17.8	18.9	28.3#
229	42.8	19.1	28.7#

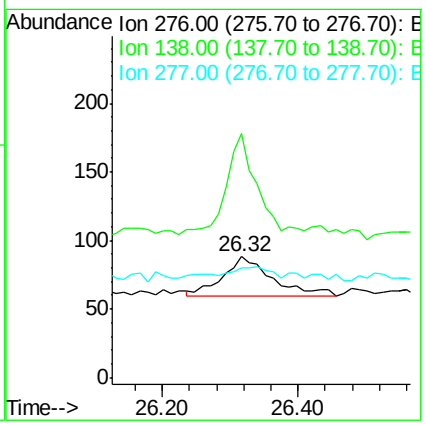


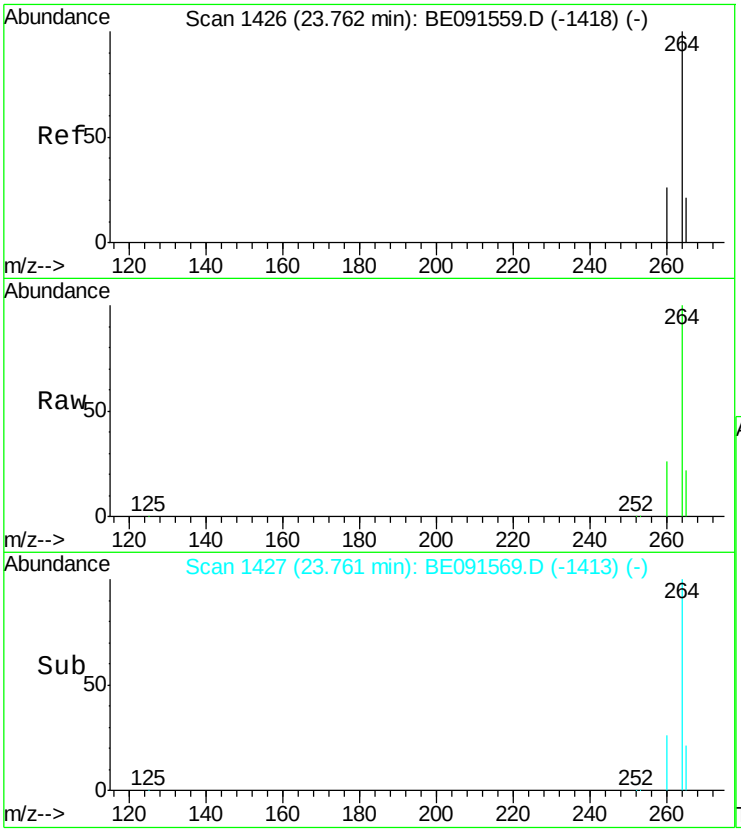


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.06 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:276 Resp: 150

Ion	Ratio	Lower	Upper
276	100		
138	164.7	20.2	30.4#
277	0.0	19.8	29.8#



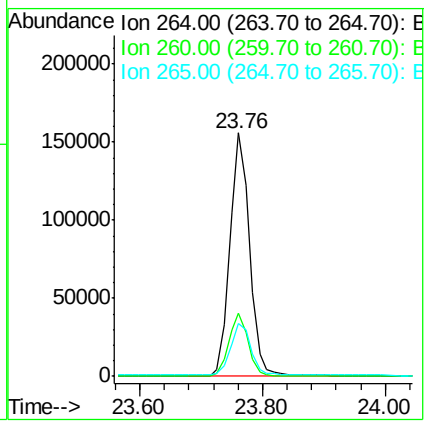


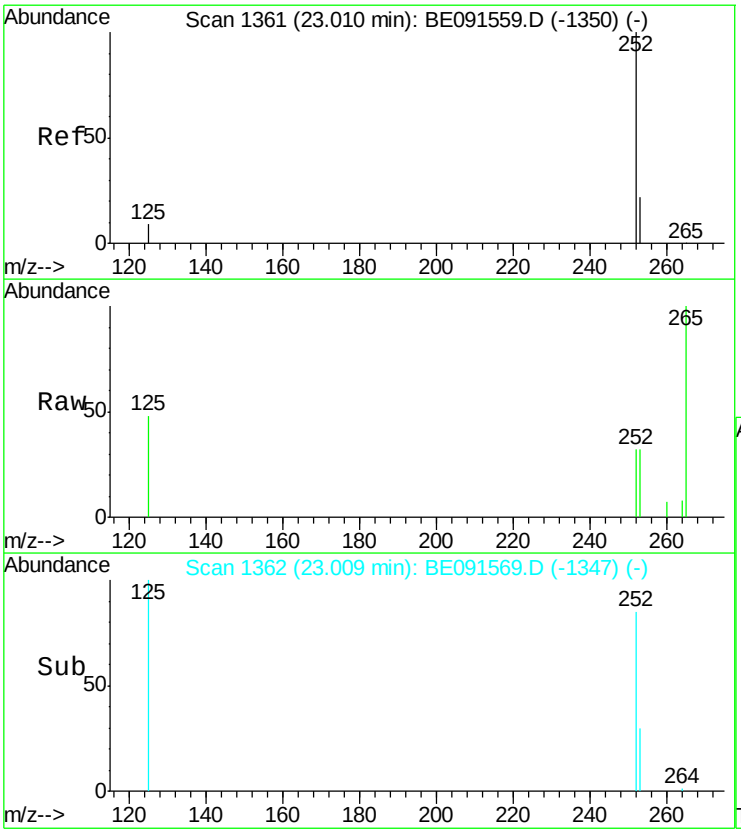
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 348567

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.6	18.3	27.5

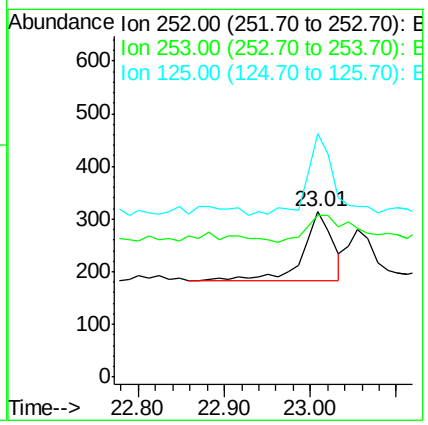


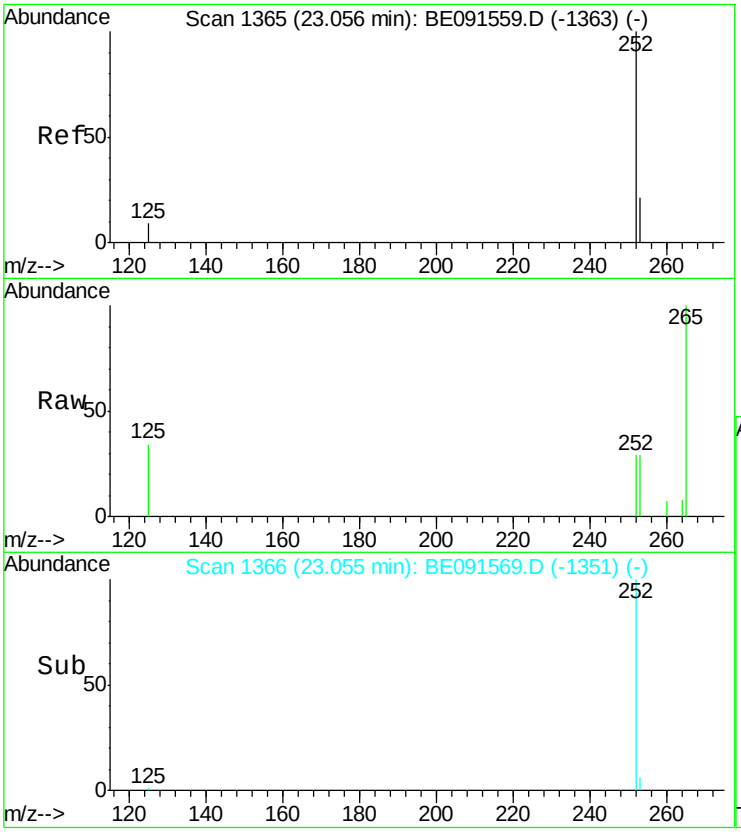


#29
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.01 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:252 Resp: 317

Ion	Ratio	Lower	Upper
252	100		
253	98.1	18.7	28.1#
125	147.6	9.8	14.6#



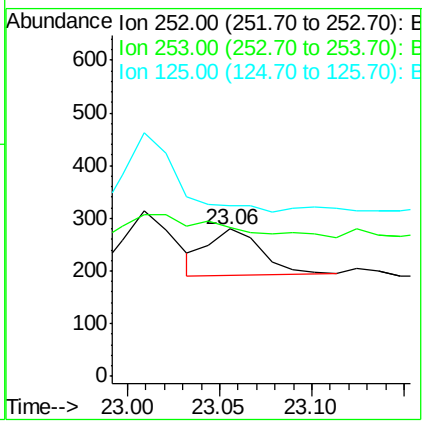


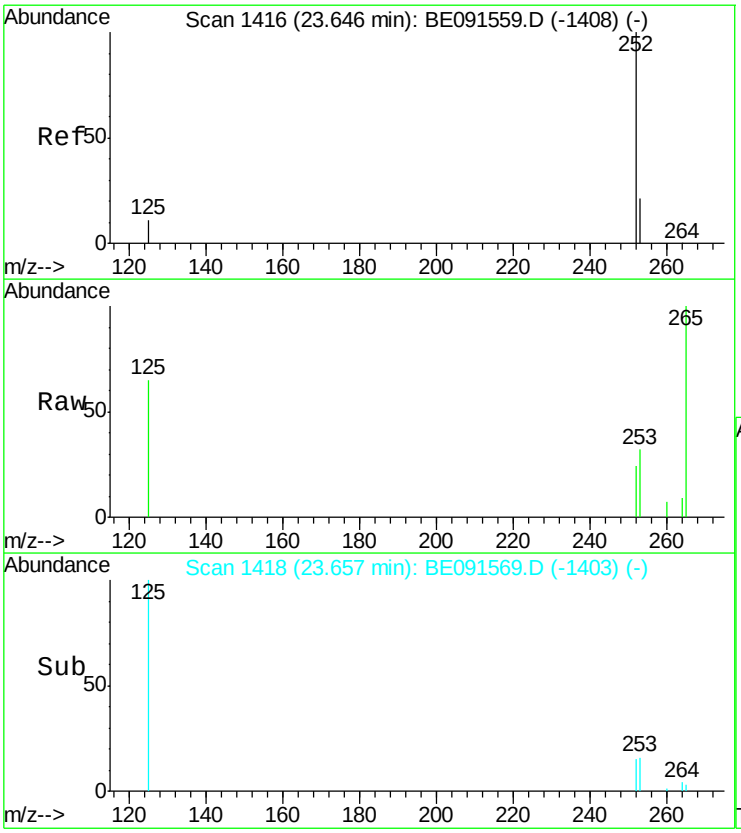
#30
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.06 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 174

Ion	Ratio	Lower	Upper
252	100		
253	100.7	20.2	30.4#
125	115.7	9.4	14.2#

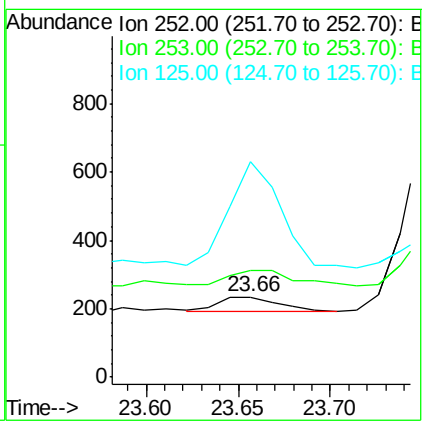


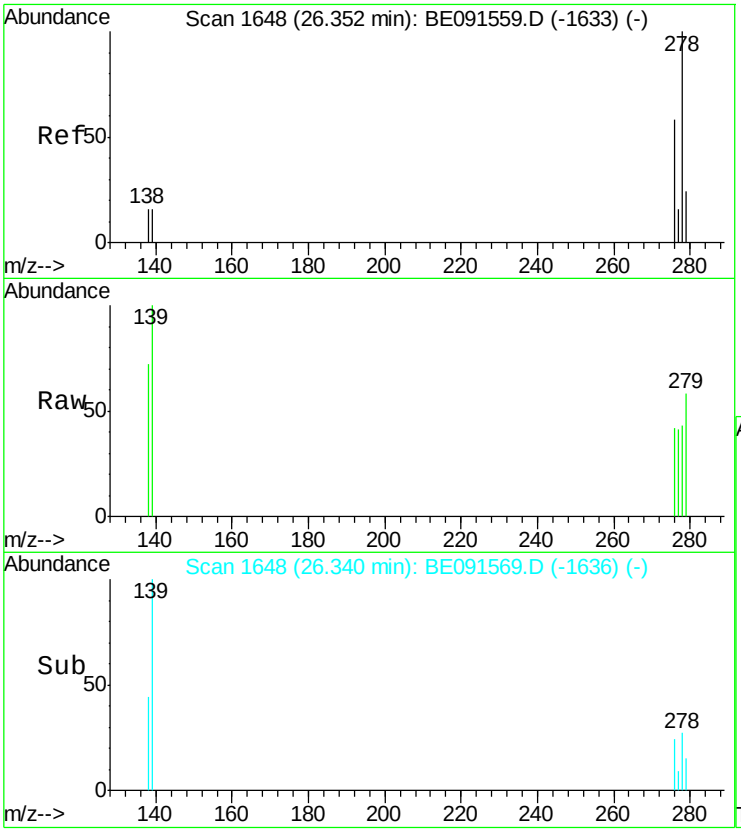


#31
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.66 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:252 Resp: 88

Ion	Ratio	Lower	Upper
252	100		
253	134.2	19.4	29.0#
125	268.8	11.4	17.2#



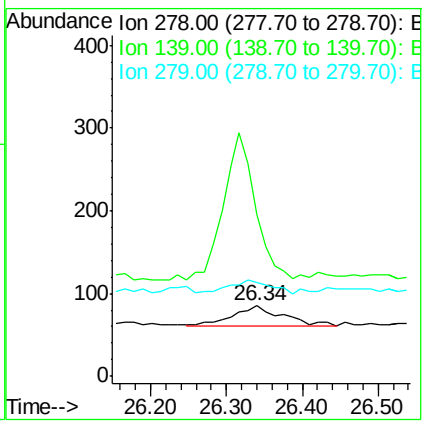


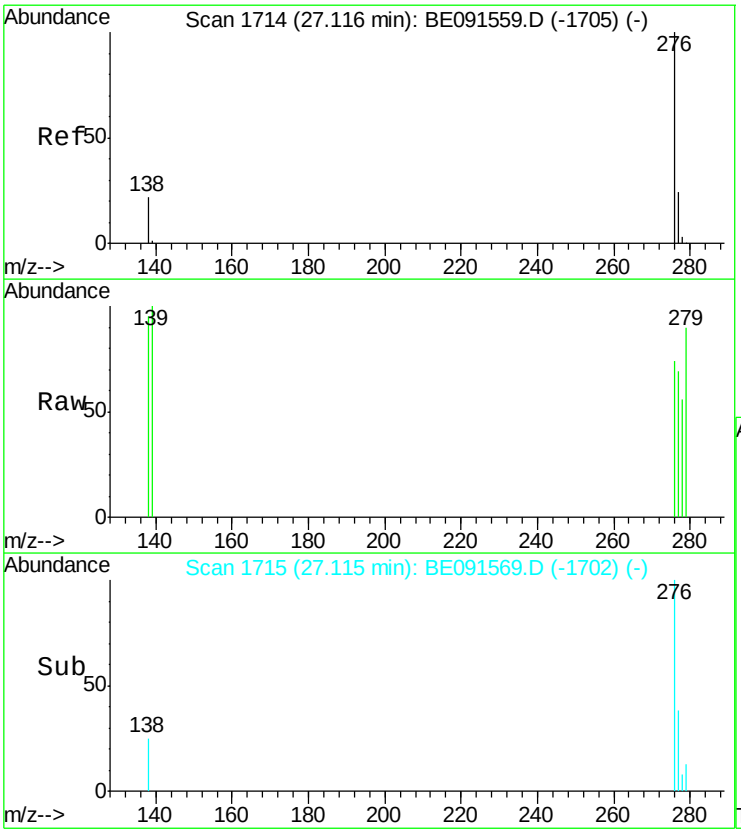
#32
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.06 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 110

Ion	Ratio	Lower	Upper
278	100		
139	230.6	14.2	21.4#
279	132.9	19.6	29.4#





#33
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.12 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BE091569.D
Acq: 30 Mar 2016 23:51

Tgt Ion:276 Resp: 146

Ion	Ratio	Lower	Upper
276	100		
277	93.0	19.4	29.2#
138	127.9	18.2	27.4#