Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
Data File : BE091593.D
Acq On : 1 Apr 2016 16:50
Operator : UM/SJ
Sample : PB89409BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB89409BL

Quant Time: Apr 01 23:42:41 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	7.80	152	41229	5.00	ng	-0.02
6) Naphthalene-d8	10.59	136	192805	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	123012	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	312679	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	386682	5.00	ng	-0.02
28) Perylene-d12	23.77	264	372606	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	66678	6.18	ng	-0.02
5) Phenol-d6	6.97	99	95275	6.53	ng	-0.02
7) Nitrobenzene-d5	8.96	82	40219	3.11	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	27167	4.98	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	117364	3.36	ng	-0.02
24) Terphenyl-d14	19.76	244	185166	3.77	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.78	42	7	0.00	ng	# 1
8) Naphthalene	10.63	128	67	0.00	ng	# 1
9) 2-Methylnaphthalene	12.25	142	44	0.00	ng	# 44
13) Acenaphthylene	14.14	152	1059	0.02	ng	# 36
14) Acenaphthene	14.42	154	521	0.02	ng	# 10
15) Fluorene	15.47	166	81	0.00	ng	# 62
17) Hexachlorobenzene	16.46	284	12	0.00	ng	# 41
18) Pentachlorophenol	16.81	266	75	0.01	ng	# 68
19) Phenanthrene	17.20	178	428	0.01	ng	# 74
20) Anthracene	17.29	178	334	0.00	ng	# 95
21) Fluoranthene	19.21	202	574	0.01	ng	# 89
23) Pyrene	19.57	202	621	0.01	ng	# 84
25) Benzo(a)anthracene	21.31	228	4284	0.05	ng	# 73
26) Chrysene	21.31	228	4299	0.06	ng	# 86
27) Indeno(1,2,3-cd)pyrene	26.34	276	1688	0.02	ng	97
29) Benzo(b)fluoranthene	23.01	252	1537	0.02	ng	# 53
30) Benzo(k)fluoranthene	23.07	252	1752	0.02	ng	# 60
31) Benzo(a)pyrene	23.66	252	1360	0.02	ng	# 37
32) Dibenzo(a,h)anthracene	26.36	278	1533	0.02	ng	# 70
33) Benzo(g,h,i)perylene	27.13	276	1584	0.02	ng	# 78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
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Sample : PB89409BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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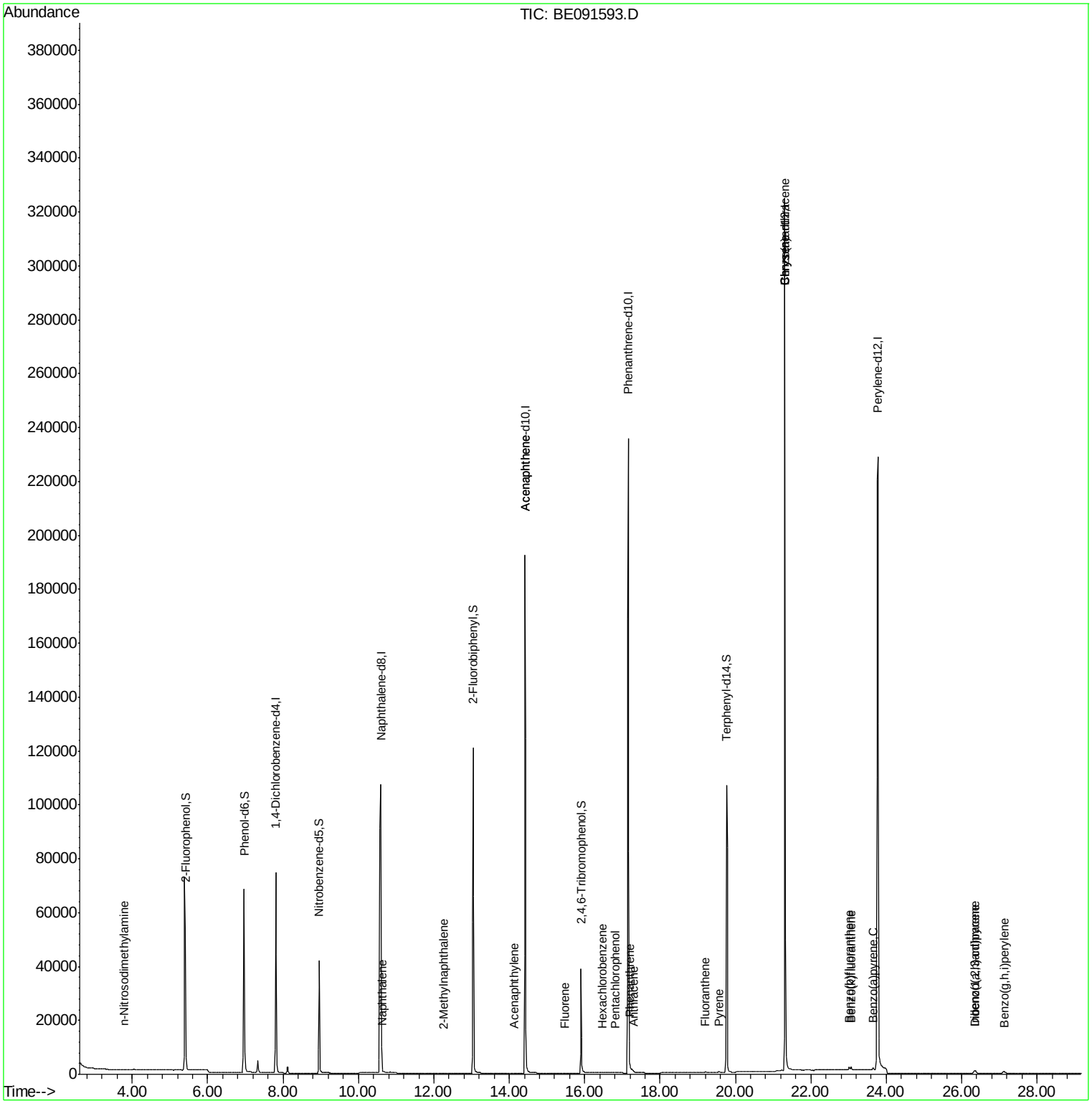
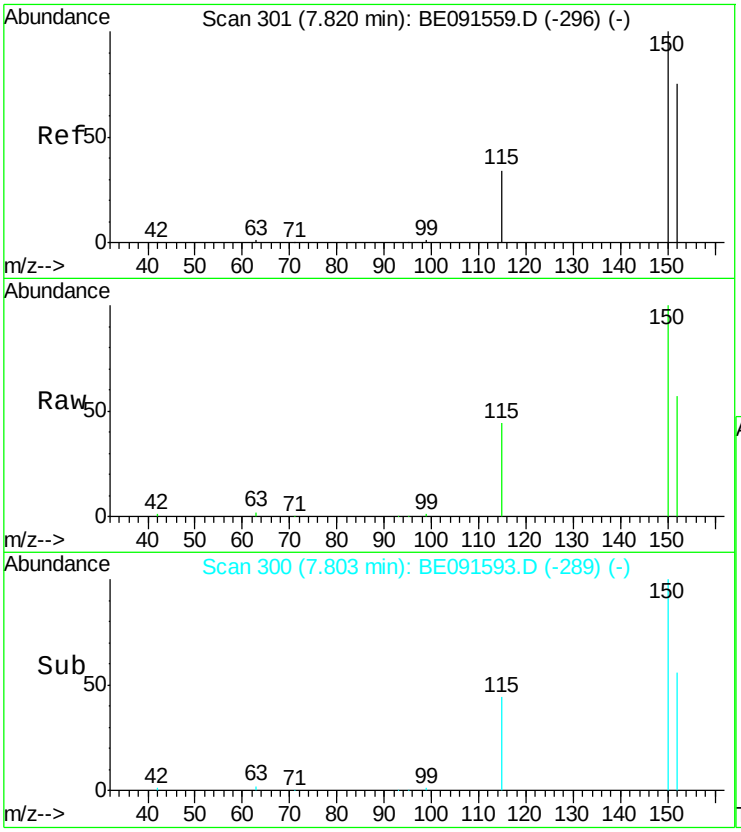


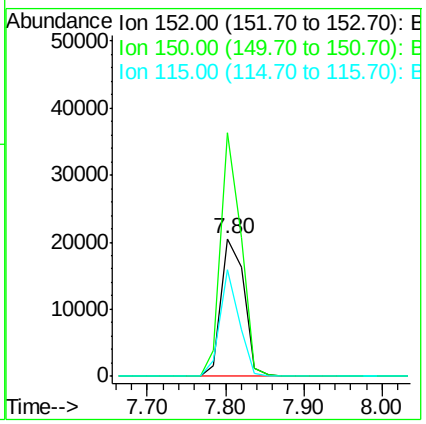


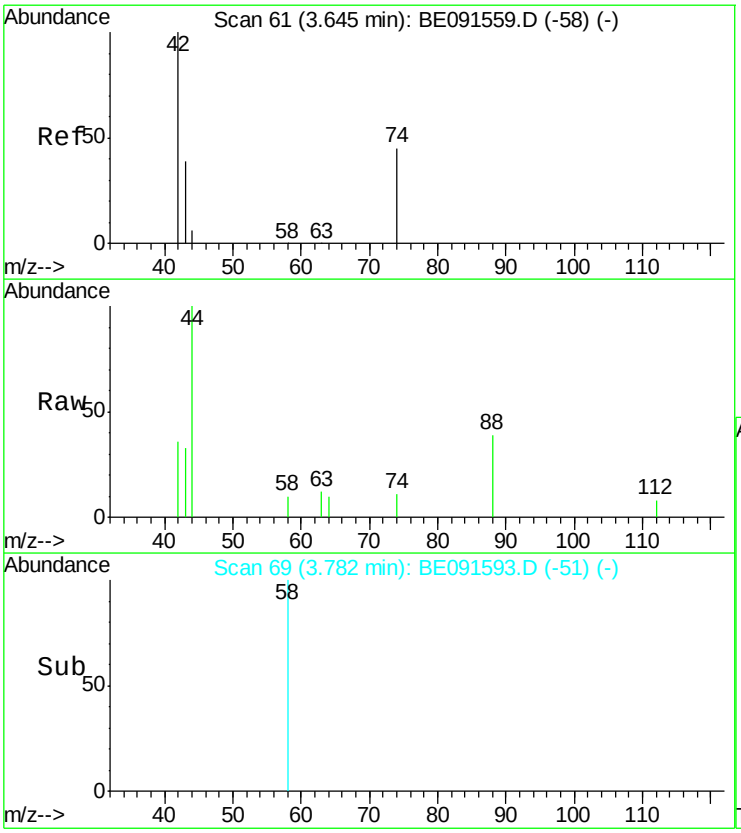
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:152 Resp: 41229

Ion	Ratio	Lower	Upper
152	100		
150	176.8	122.2	183.2
115	77.3	45.9	68.9#

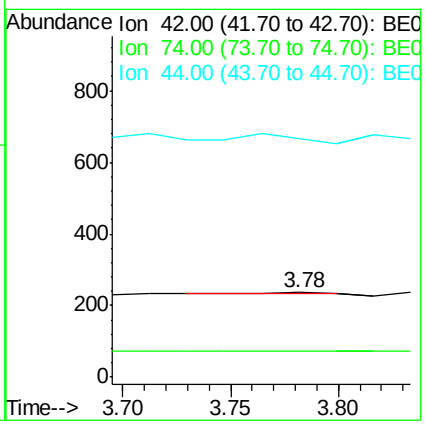


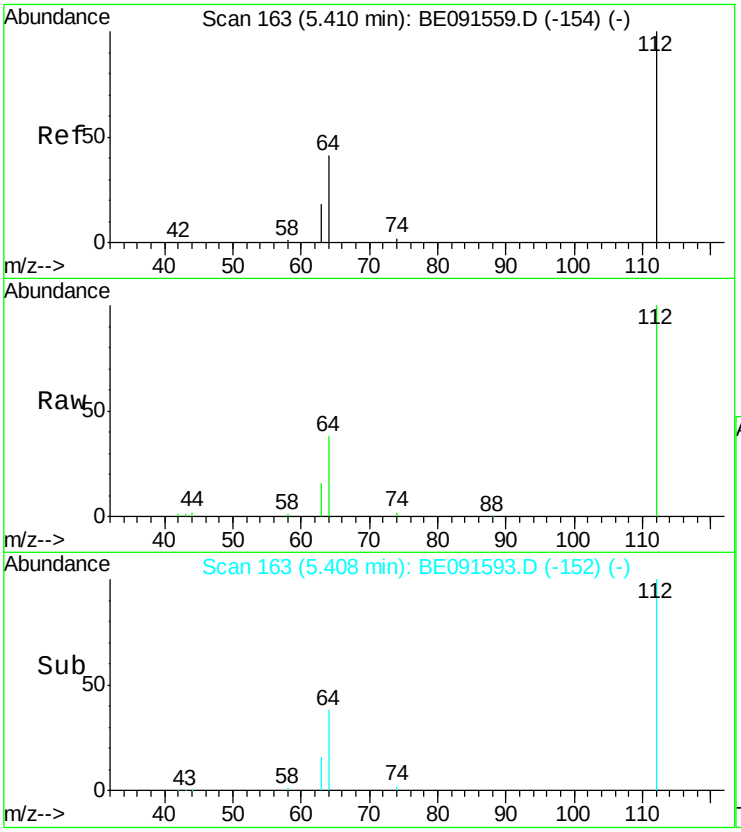


#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.78 min Scan# 69
Delta R.T. 0.11 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion: 42 Resp: 7

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.3	126.5#
44	628.6	6.7	10.1#



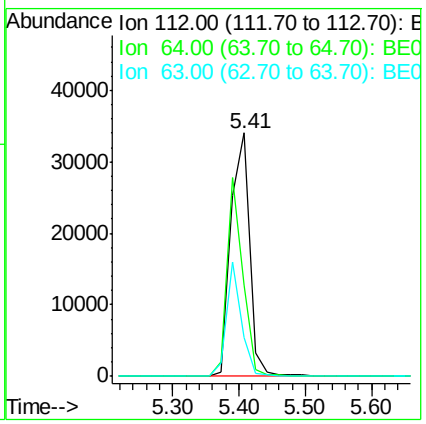


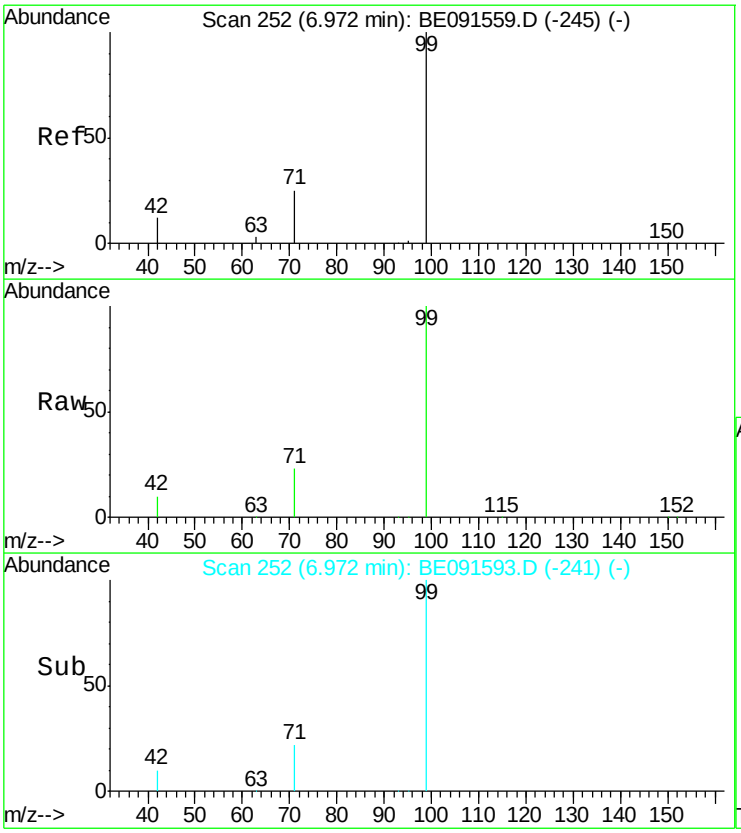
#4
2-Fluorophenol
Concen: 6.18 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:112 Resp: 66678

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.3	79.9
63	37.0	29.8	44.8

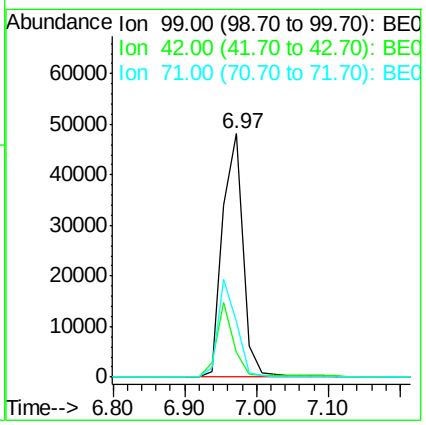


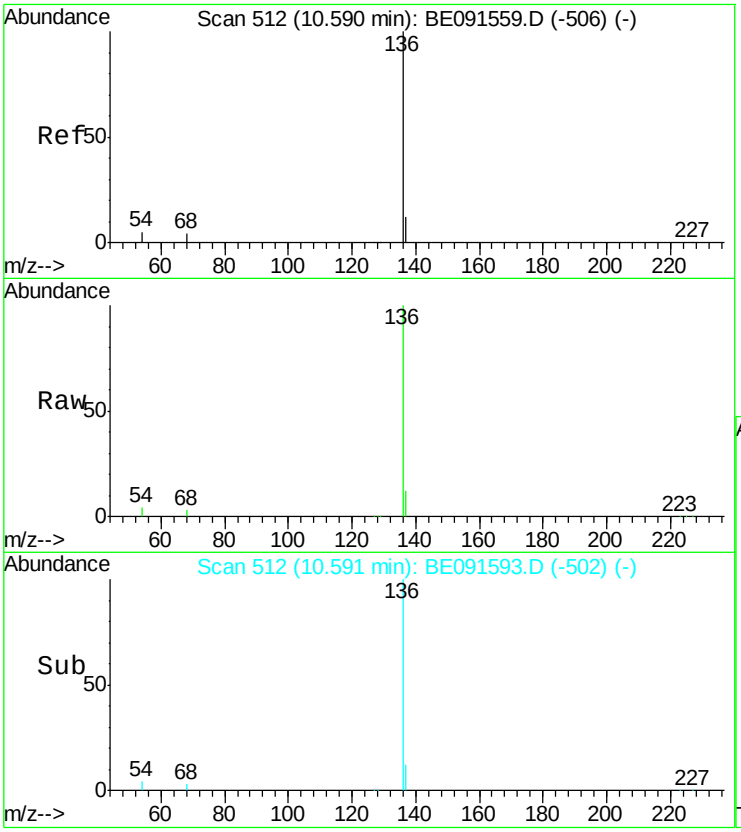


#5
Phenol-d6
Concen: 6.53 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion: 99 Resp: 95275

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.6	30.8
71	36.4	29.0	43.4



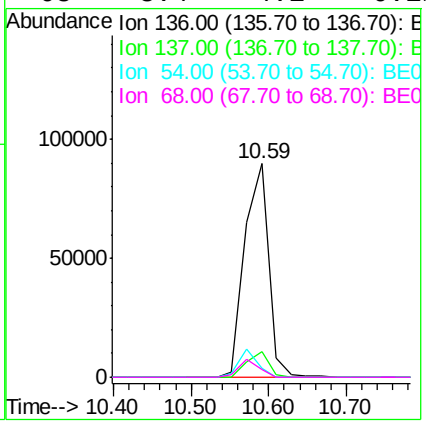


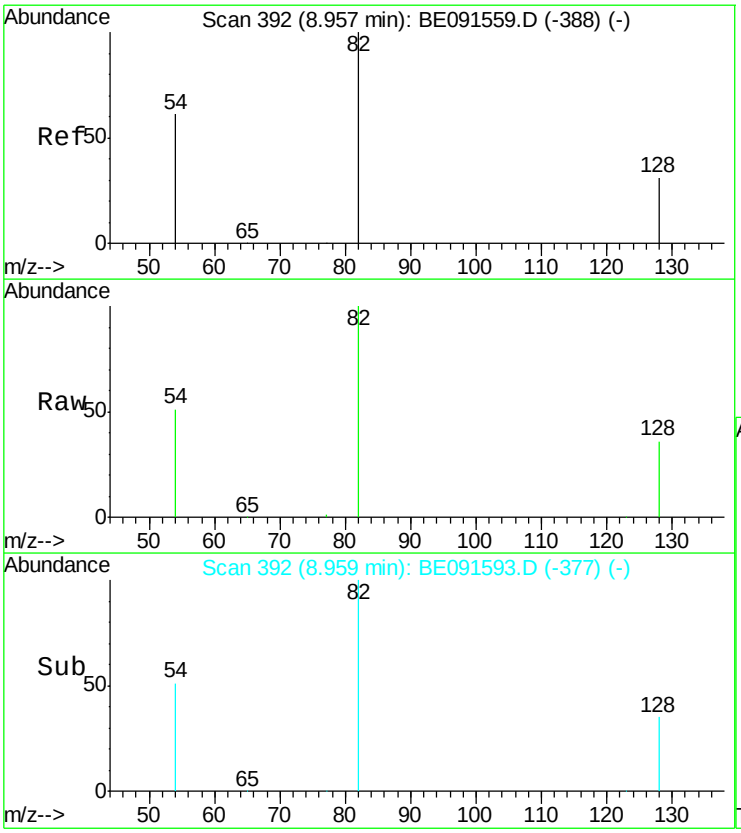
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:136 Resp: 192805

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	4.1	5.2	7.8#
68	3.4	4.1	6.1#

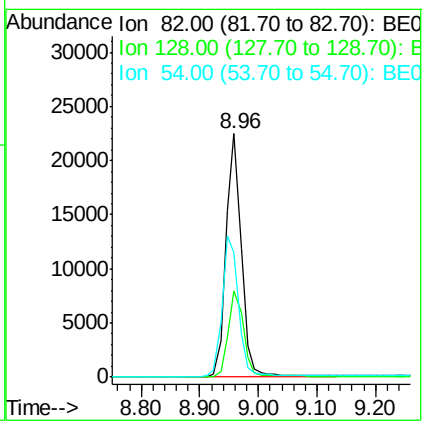


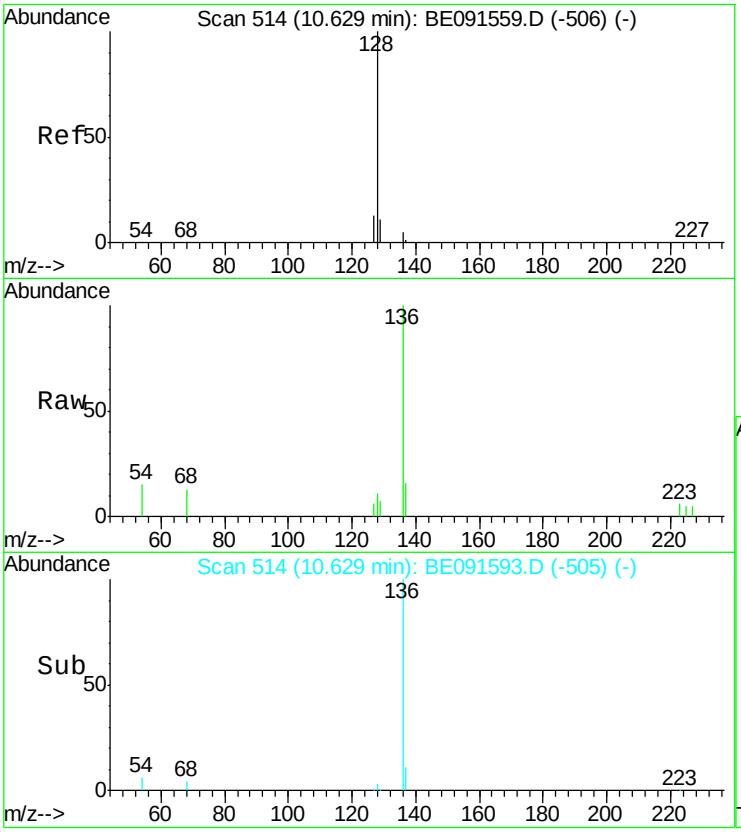


#7
Nitrobenzene-d5
Concen: 3.11 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion: 82 Resp: 40219

Ion	Ratio	Lower	Upper
82	100		
128	35.6	23.5	35.3#
54	51.0	52.4	78.6#



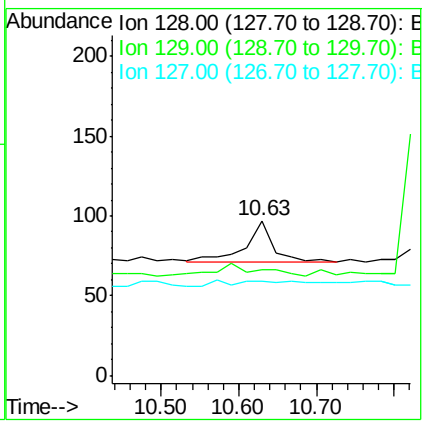


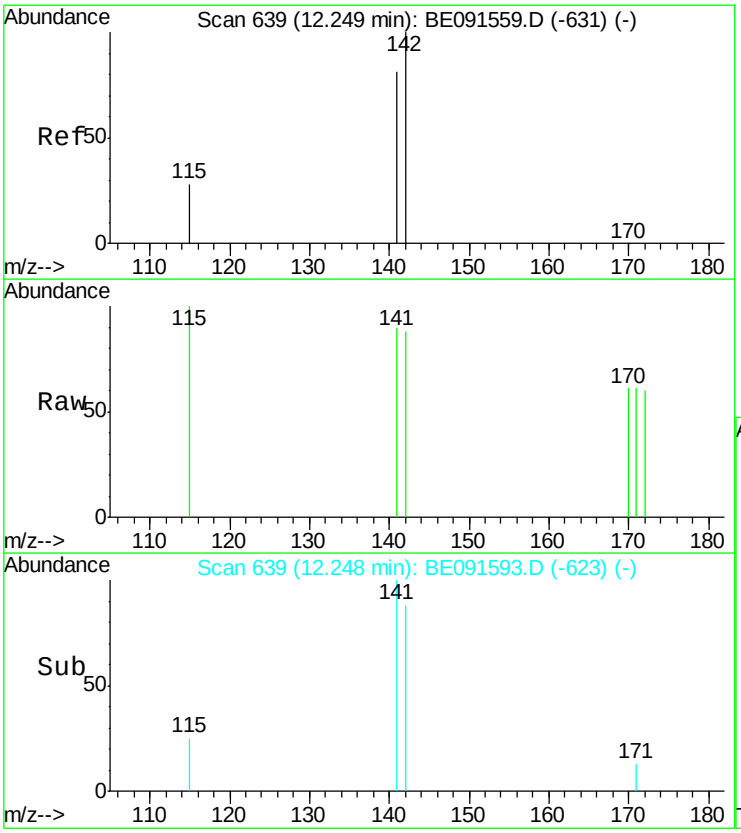
#8
Naphthalene
Concen: 0.00 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:128 Resp: 67

Ion	Ratio	Lower	Upper
128	100		
129	68.0	8.2	12.2#
127	60.8	11.8	17.8#

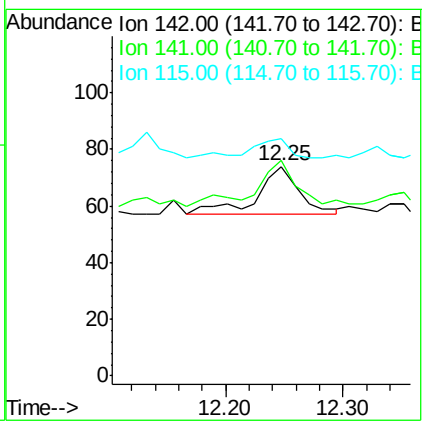


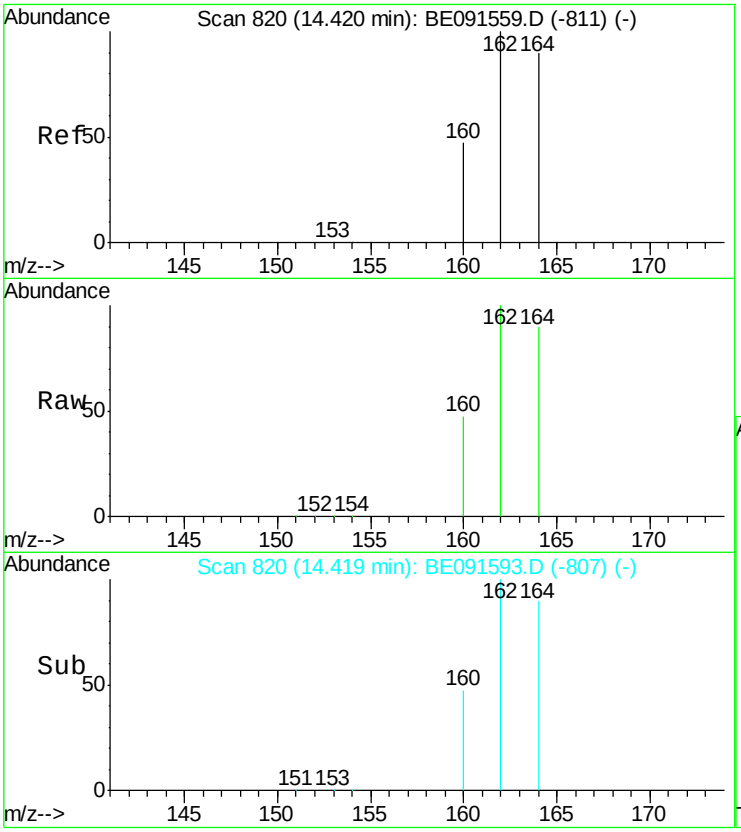


#9
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:142 Resp: 44

Ion	Ratio	Lower	Upper
142	100		
141	102.7	66.9	100.3#
115	113.5	25.1	37.7#



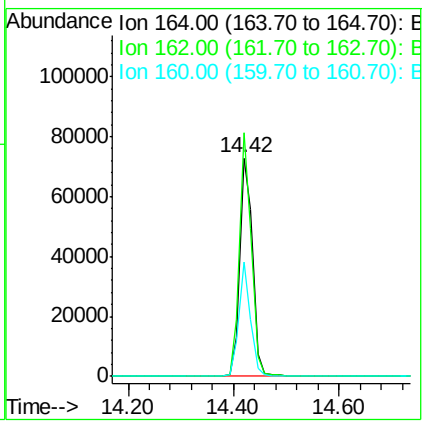


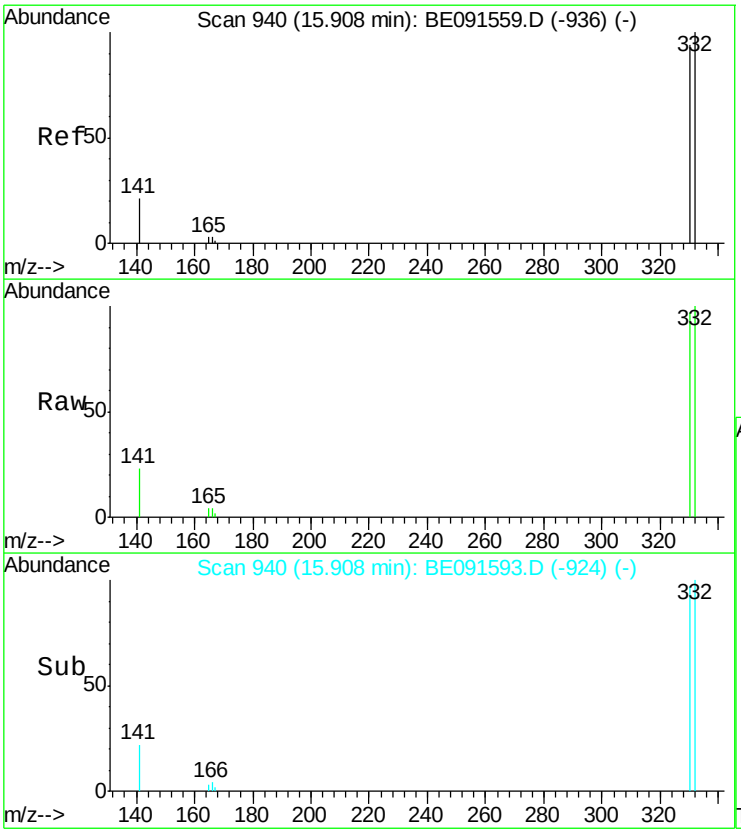
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:164 Resp: 123012

Ion	Ratio	Lower	Upper
164	100		
162	111.5	84.4	126.6
160	52.3	37.7	56.5

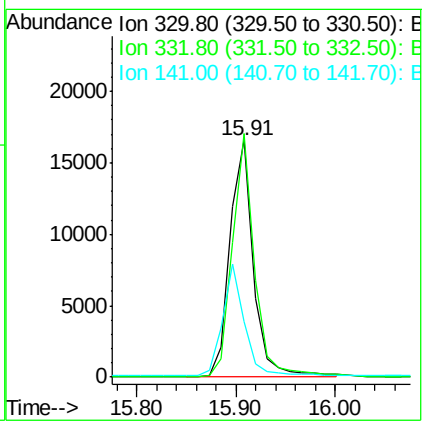


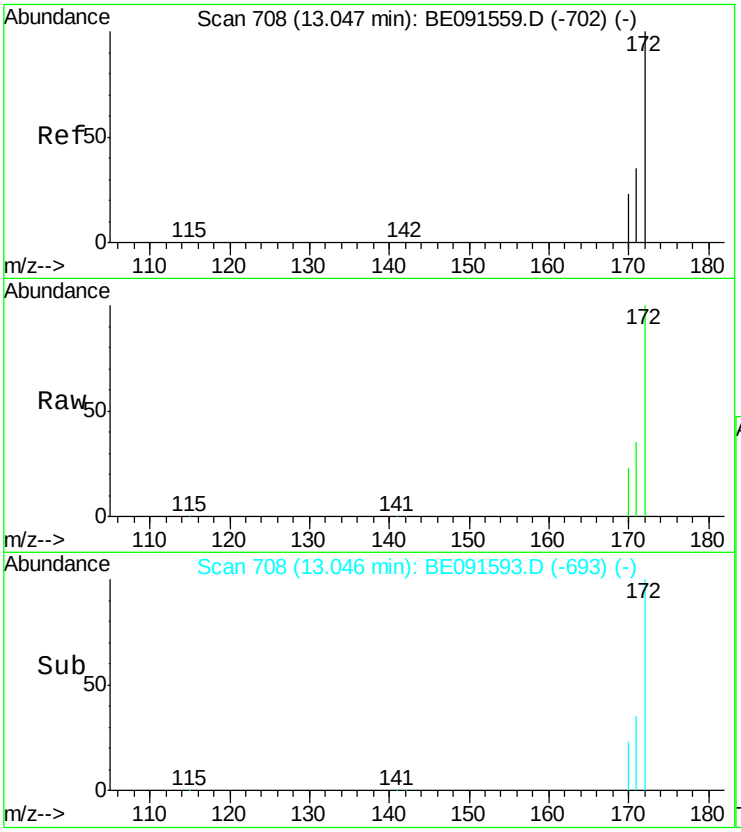


#11
2,4,6-Tribromophenol
Concen: 4.98 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:330 Resp: 27167

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.2	118.8
141	44.0	28.1	42.1#



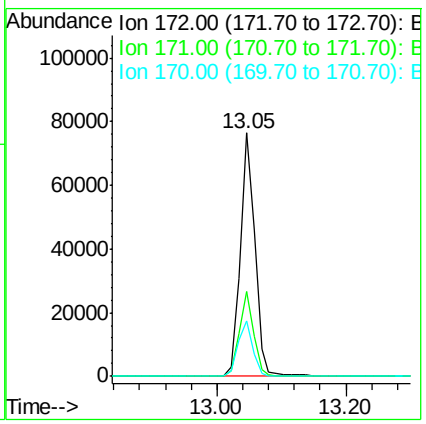


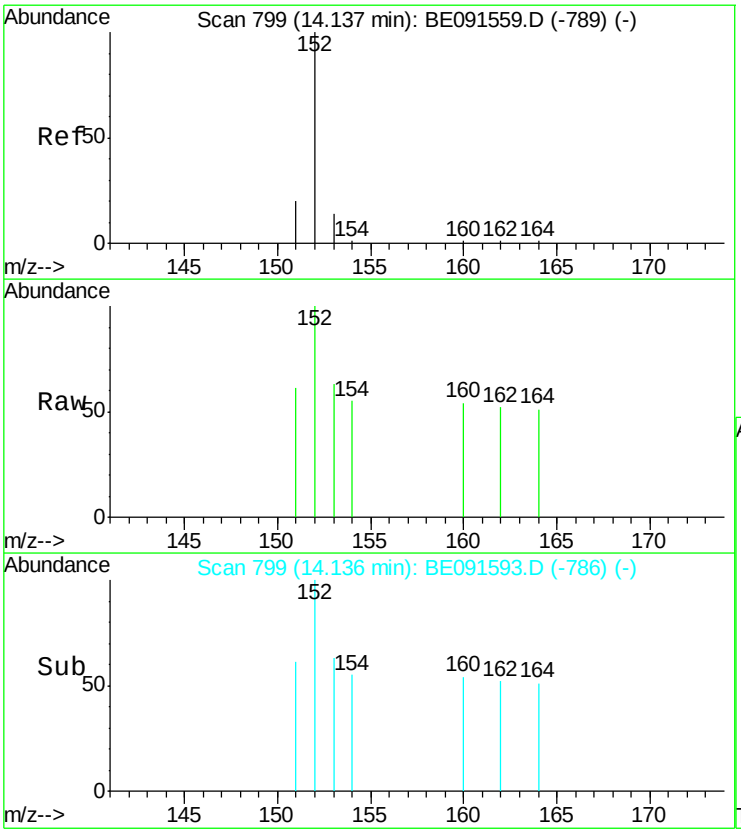
#12
2-Fluorobiphenyl
Concen: 3.36 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:172 Resp: 117364

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.8	44.8
170	23.0	21.4	32.2

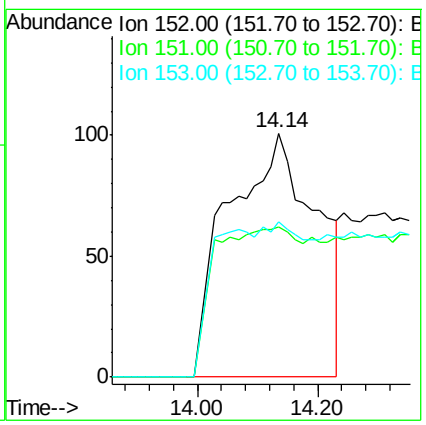


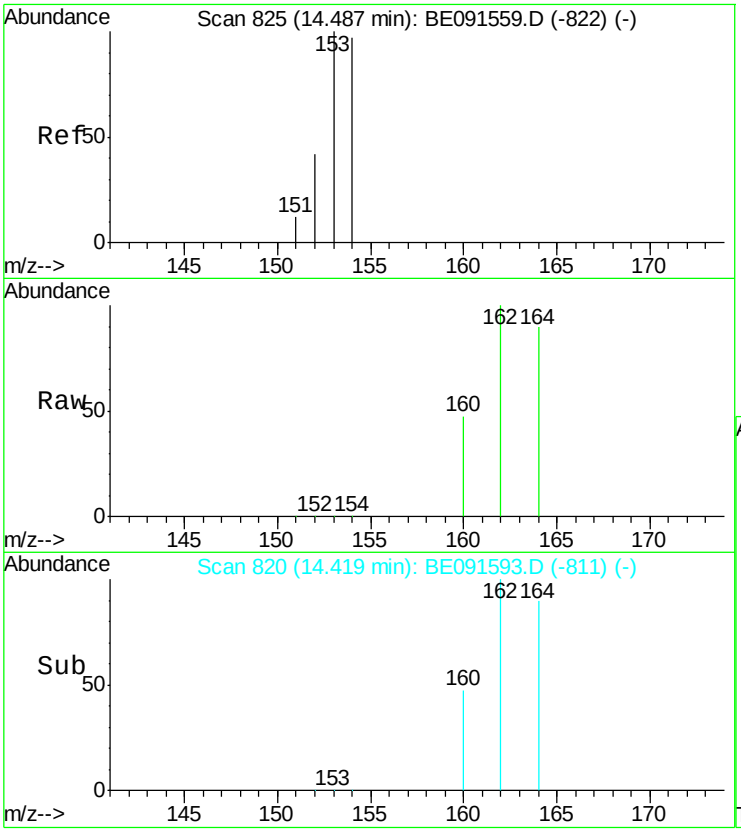


#13
Acenaphthylene
Concen: 0.02 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:152 Resp: 1059

Ion	Ratio	Lower	Upper
152	100		
151	59.4	16.3	24.5#
153	0.0	11.1	16.7#



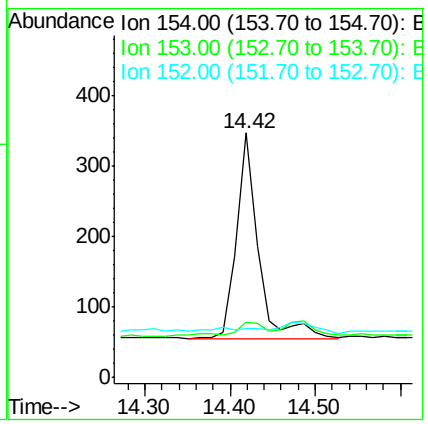


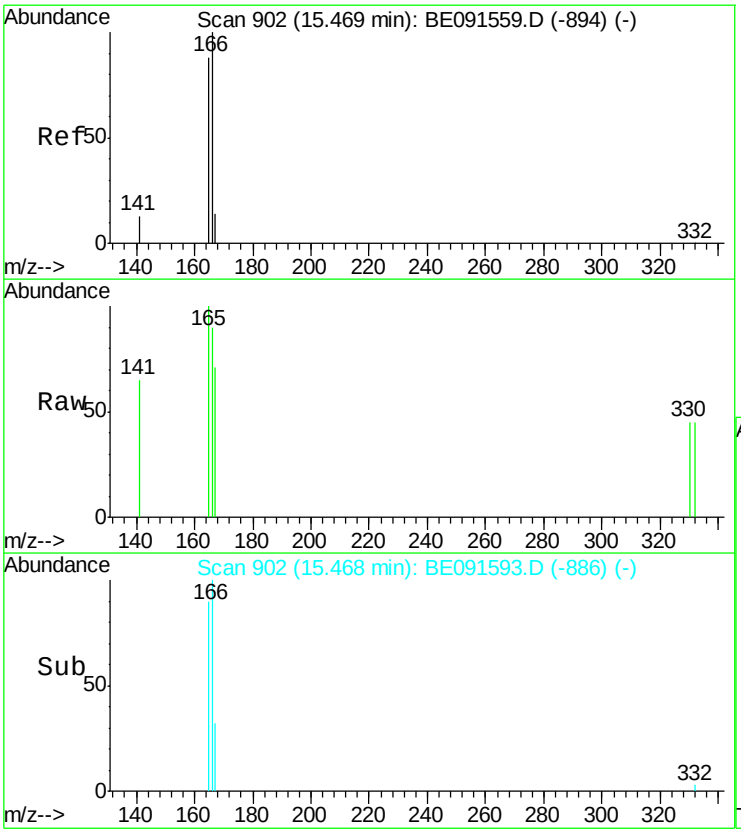
#14
Acenaphthene
Concen: 0.02 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.08 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:154 Resp: 521

Ion	Ratio	Lower	Upper
154	100		
153	6.9	87.3	130.9#
152	0.0	42.9	64.3#

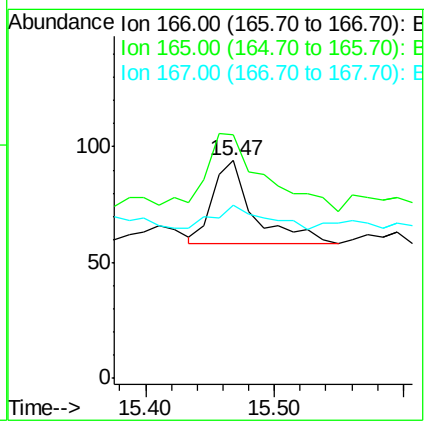


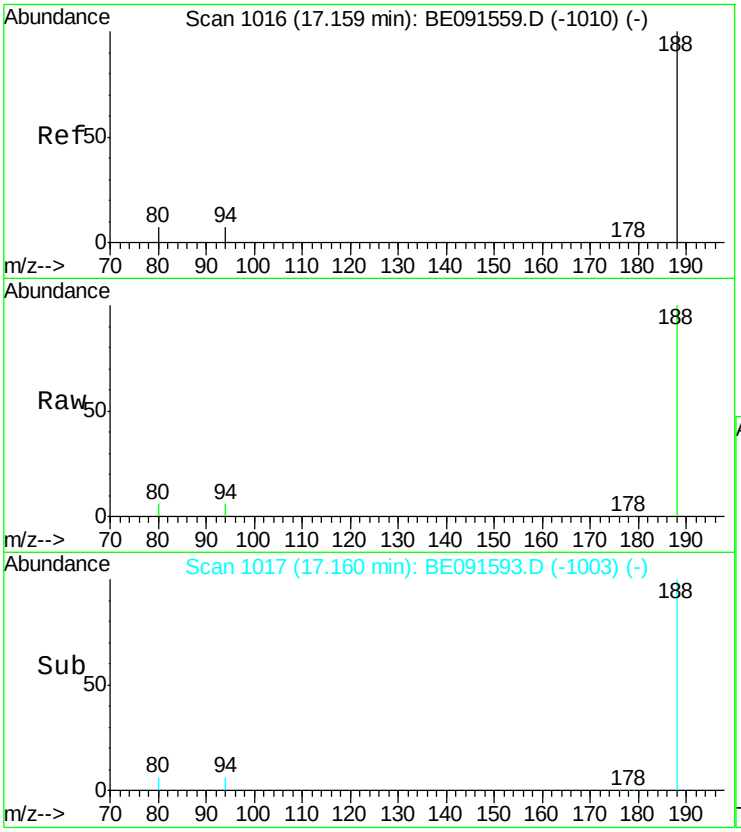


#15
Fluorene
Concen: 0.00 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:166 Resp: 81

Ion	Ratio	Lower	Upper
166	100		
165	134.6	79.2	118.8#
167	35.8	10.8	16.2#



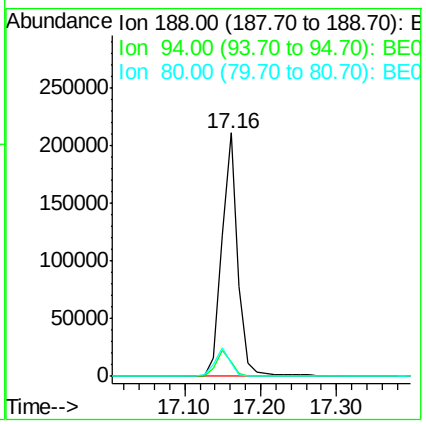


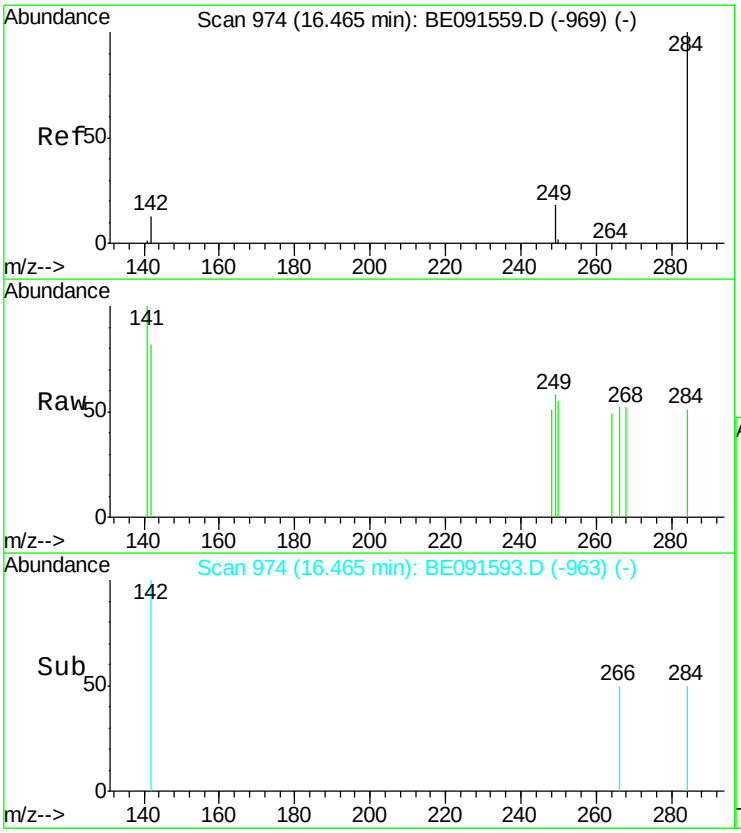
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:188 Resp: 312679

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.4	8.2
80	5.6	5.0	7.4

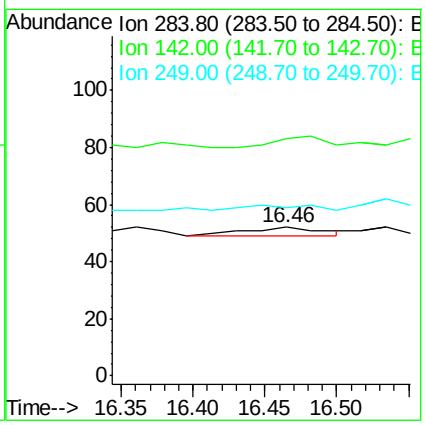


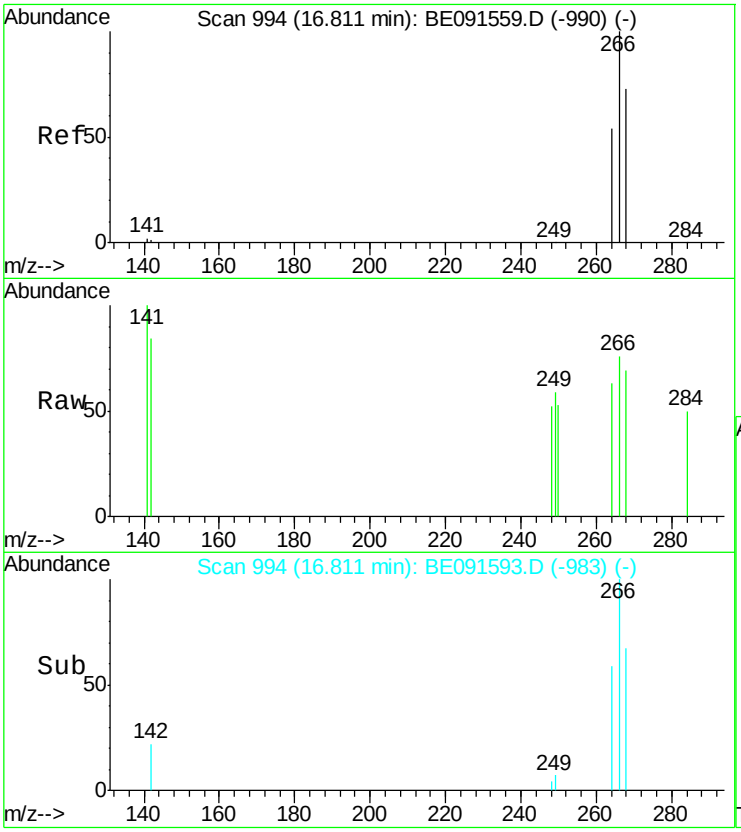


#17
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:284 Resp: 12

Ion	Ratio	Lower	Upper
284	100		
142	75.0	31.0	46.4#
249	0.0	25.8	38.8#



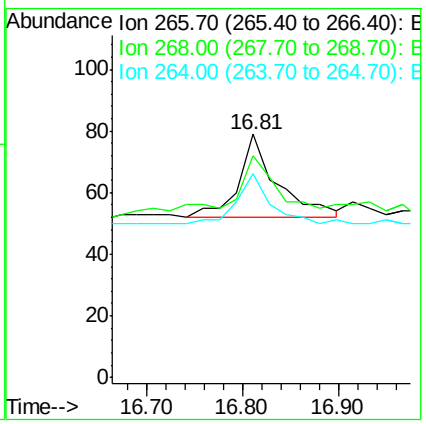


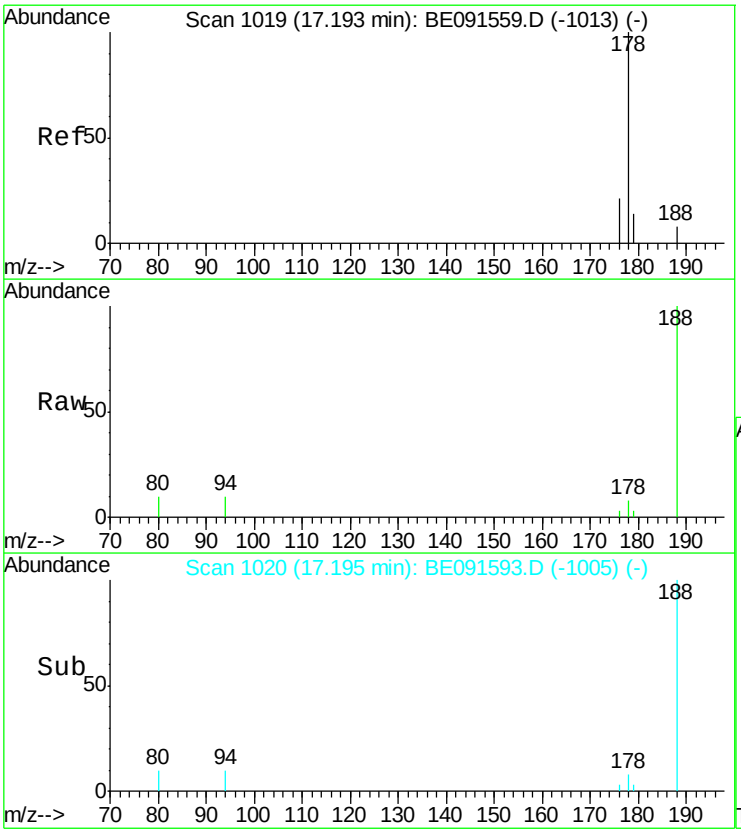
#18
Pentachlorophenol
Concen: 0.01 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:266 Resp: 75

Ion	Ratio	Lower	Upper
266	100		
268	91.1	48.2	72.2#
264	83.5	52.1	78.1#

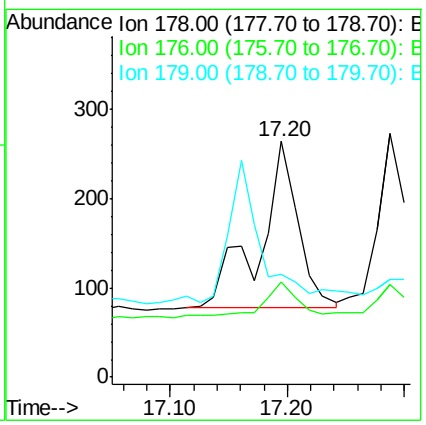


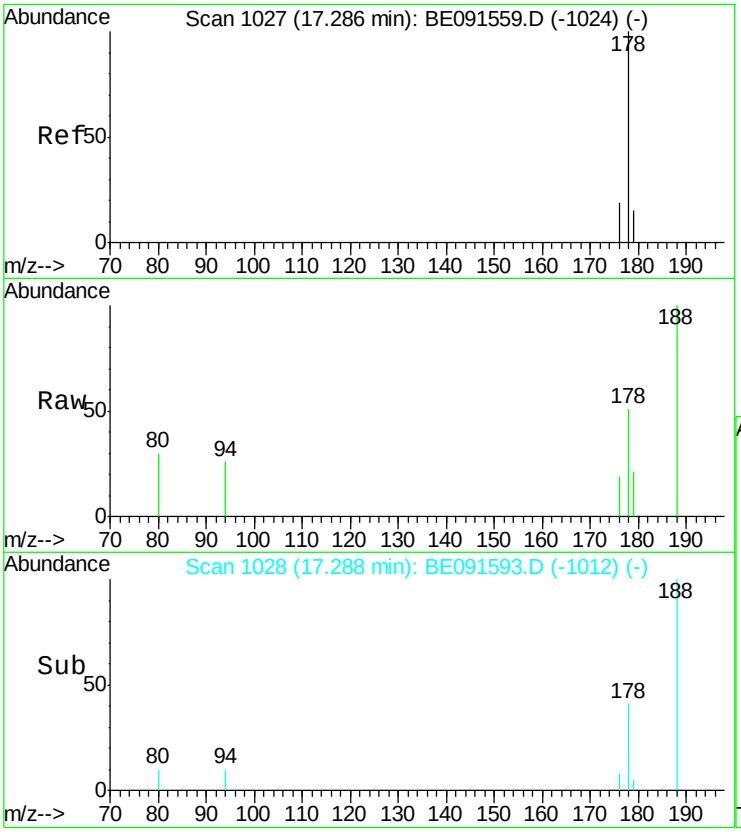


#19
Phenanthrene
Concen: 0.01 ng
RT: 17.20 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:178 Resp: 428

Ion	Ratio	Lower	Upper
178	100		
176	12.4	15.5	23.3#
179	0.0	13.1	19.7#



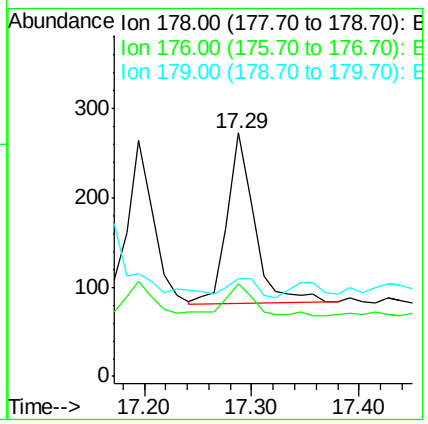


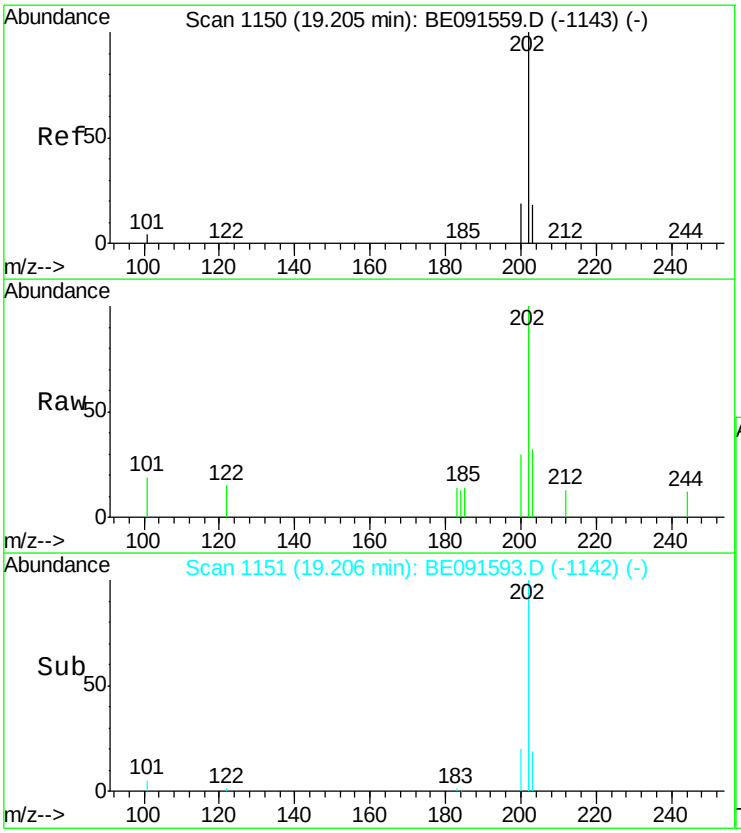
#20
Anthracene
Concen: 0.00 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:178 Resp: 334

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.9	22.3
179	12.0	12.2	18.4#

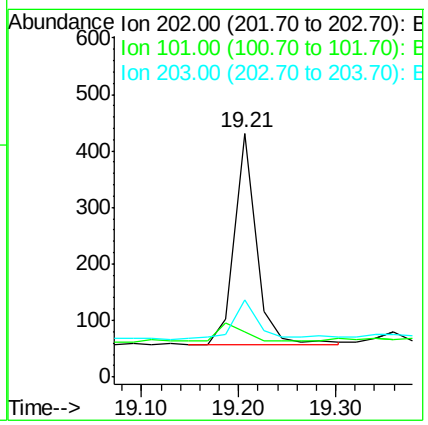


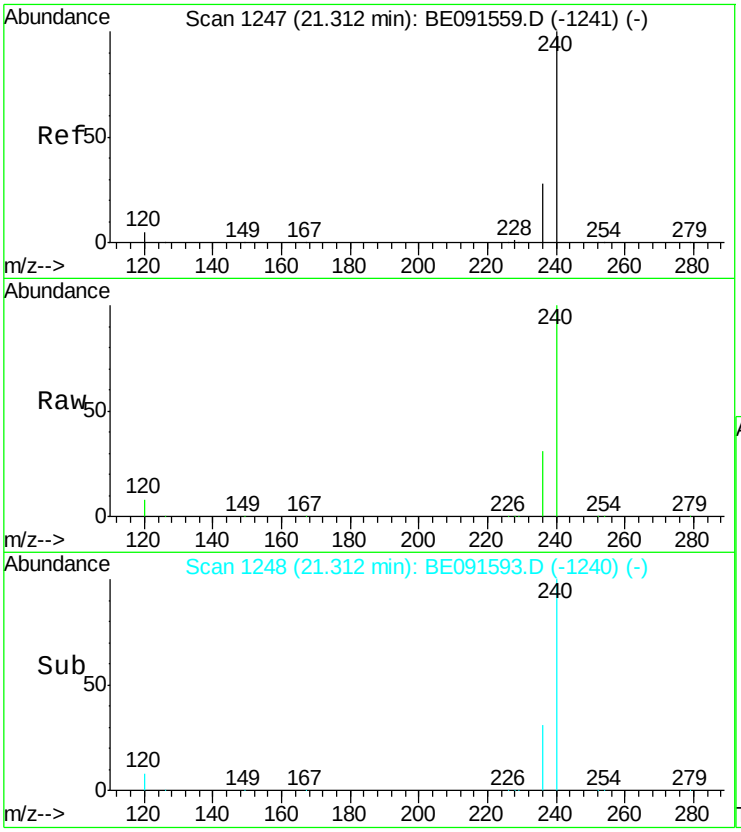


#21
Fluoranthene
Concen: 0.01 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:202 Resp: 574

Ion	Ratio	Lower	Upper
202	100		
101	15.7	8.3	12.5#
203	21.4	13.9	20.9#



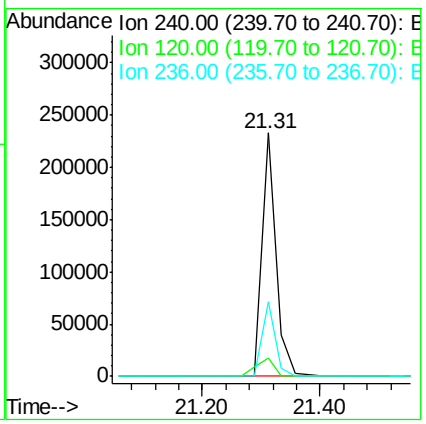


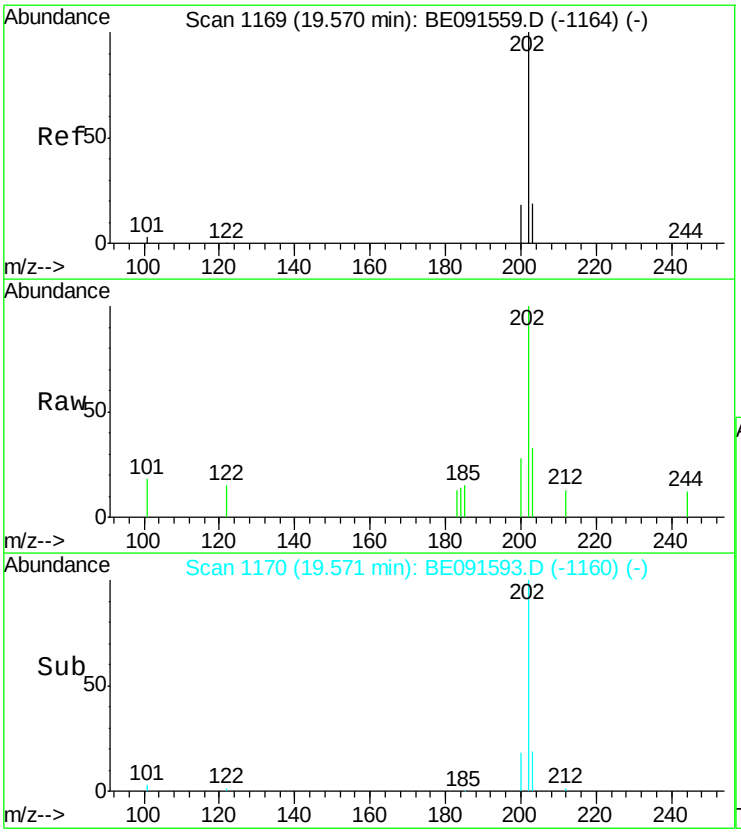
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:240 Resp: 386682

Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.0	6.0#
236	30.6	23.0	34.4

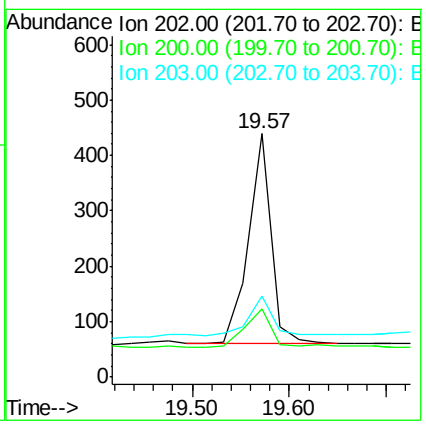


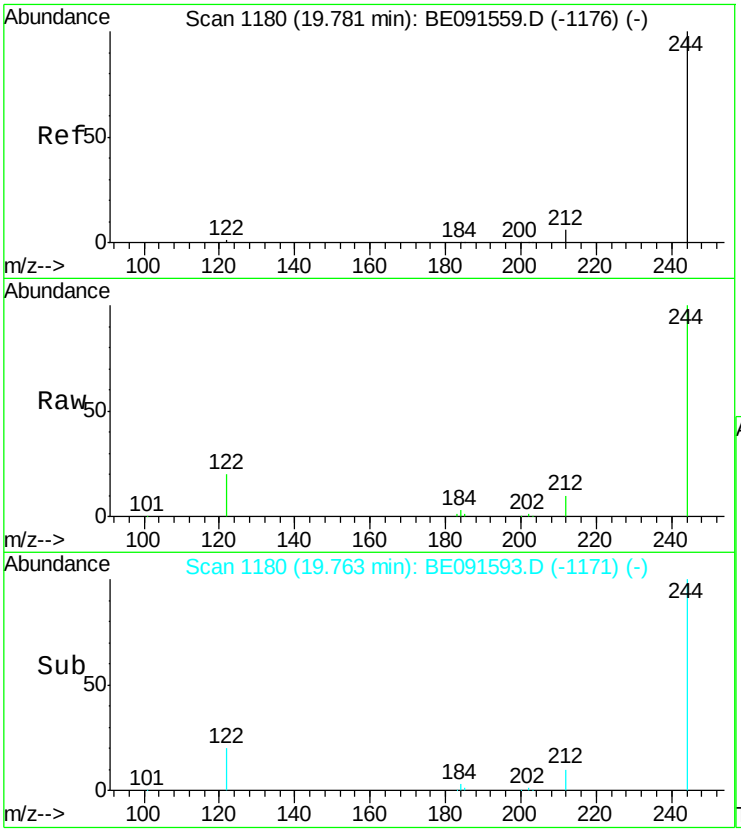


#23
Pyrene
Concen: 0.01 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:202 Resp: 621

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.4	24.6
203	32.0	14.6	21.8#



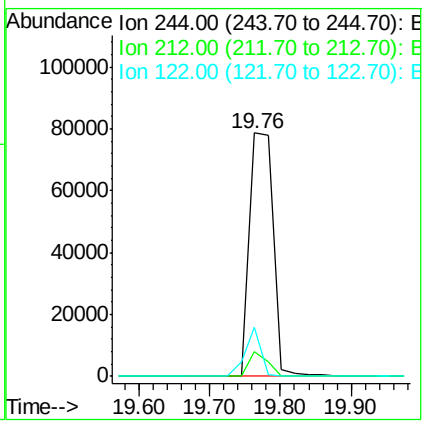


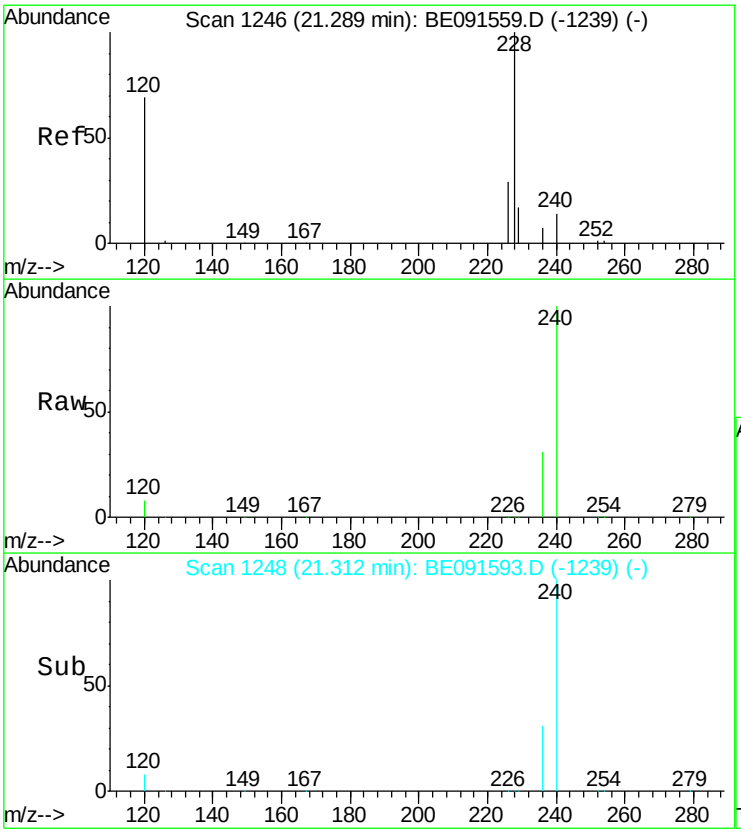
#24
Terphenyl-d14
Concen: 3.77 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:244 Resp: 185166

Ion	Ratio	Lower	Upper
244	100		
212	10.3	5.8	8.8#
122	20.1	1.8	2.8#

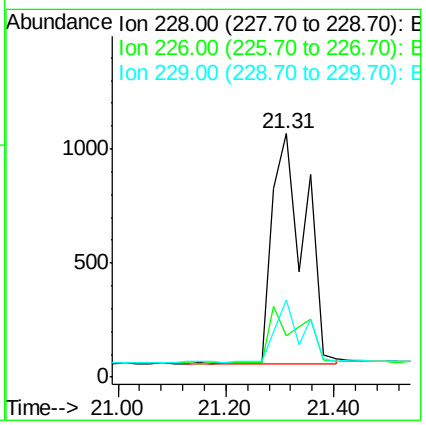


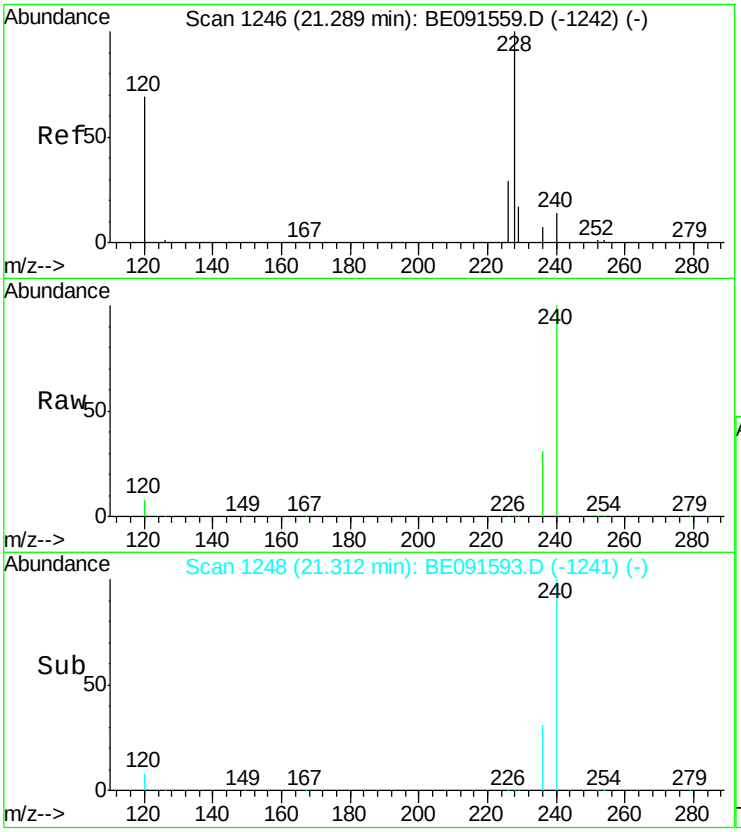


#25
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:228 Resp: 4284

Ion	Ratio	Lower	Upper
228	100		
226	17.2	24.0	36.0#
229	31.8	13.8	20.6#



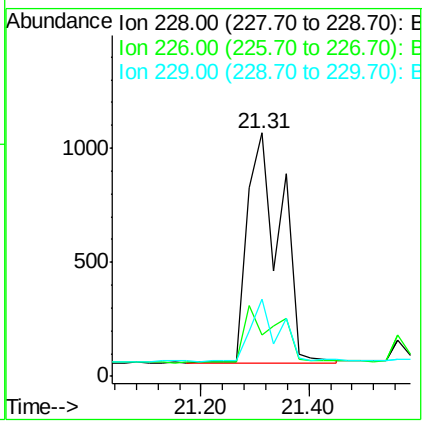


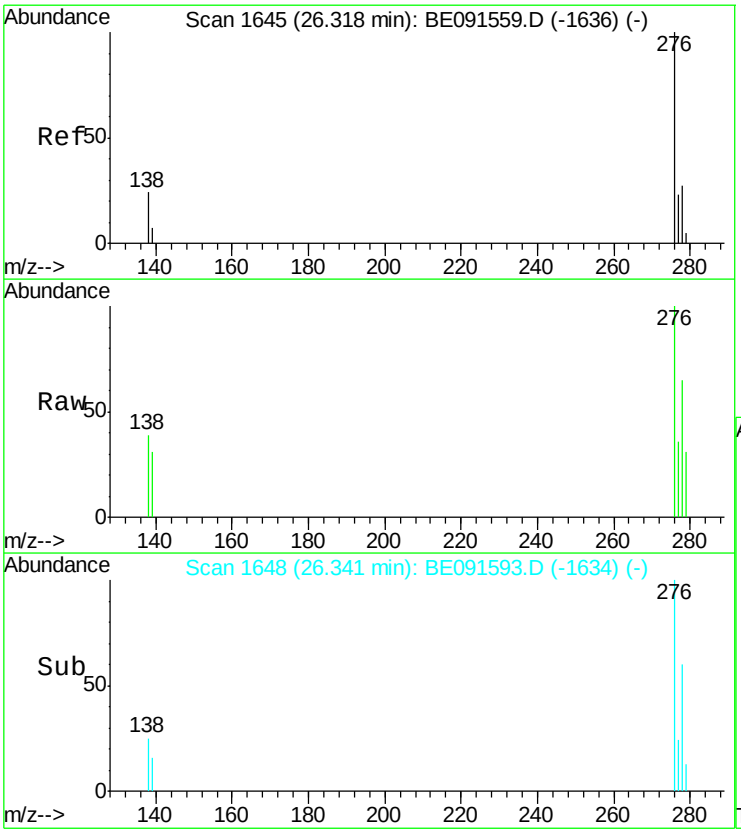
#26
Chrysene
Concen: 0.06 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:228 Resp: 4299

Ion	Ratio	Lower	Upper
228	100		
226	17.2	18.9	28.3#
229	31.8	19.1	28.7#

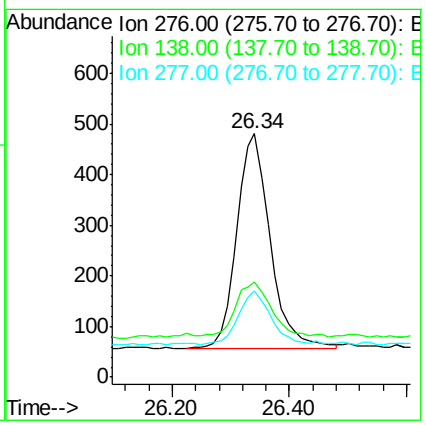


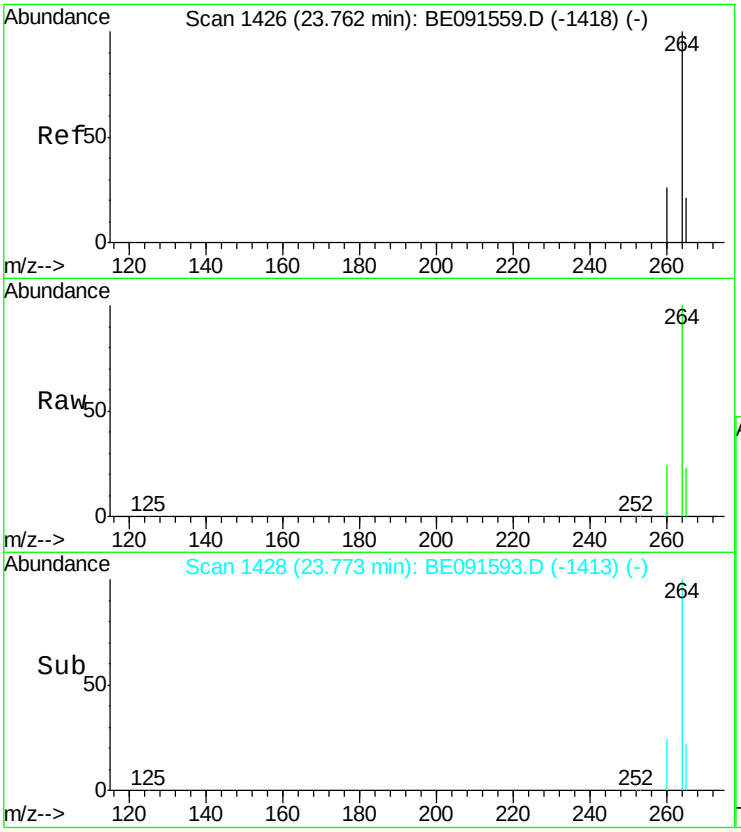


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.03 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:276 Resp: 1688

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.2	30.4
277	24.0	19.8	29.8



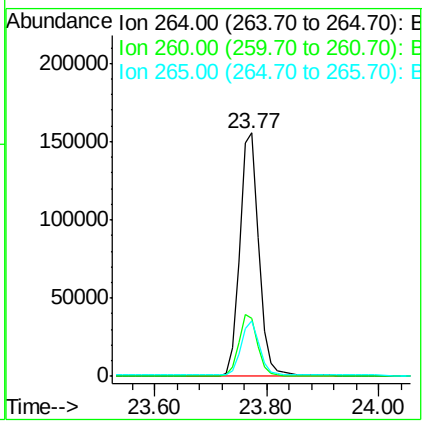


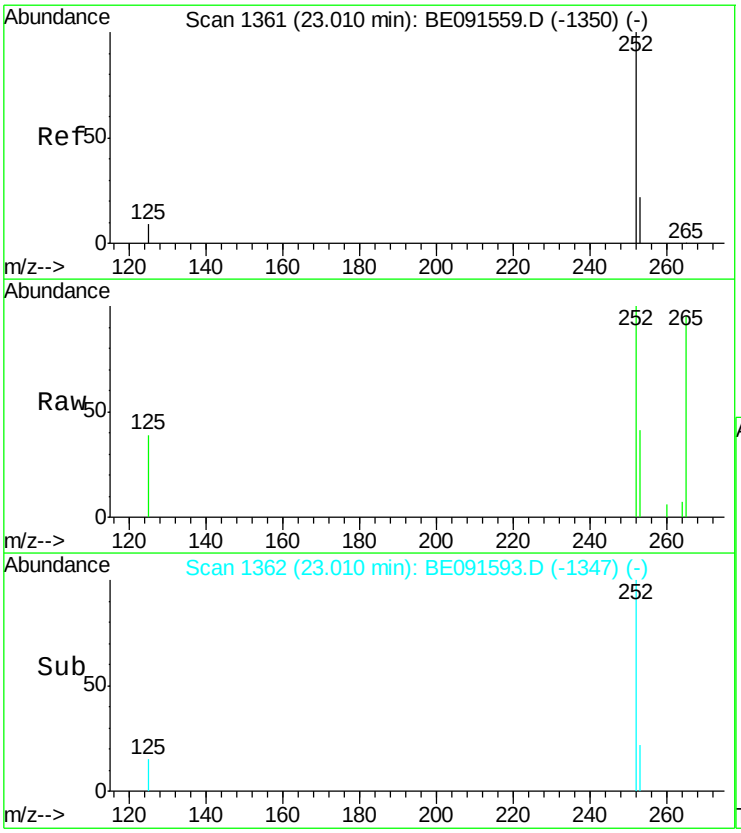
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:264 Resp: 372606

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	22.7	18.3	27.5

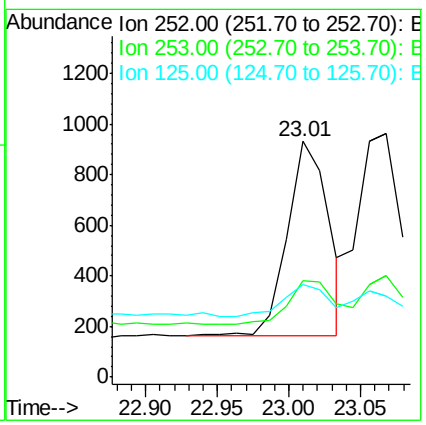


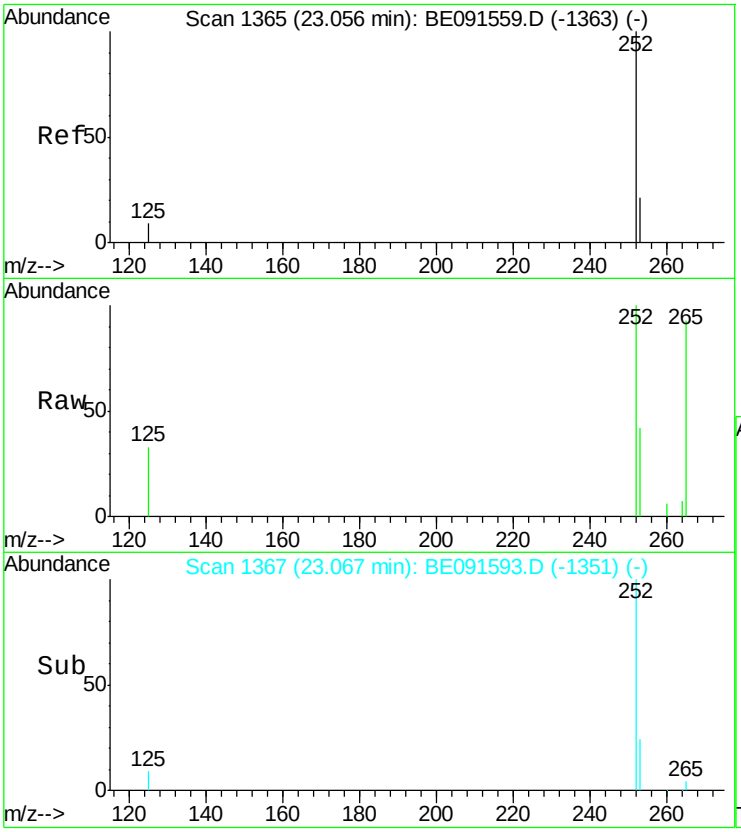


#29
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.01 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:252 Resp: 1537

Ion	Ratio	Lower	Upper
252	100		
253	41.0	18.7	28.1#
125	39.4	9.8	14.6#



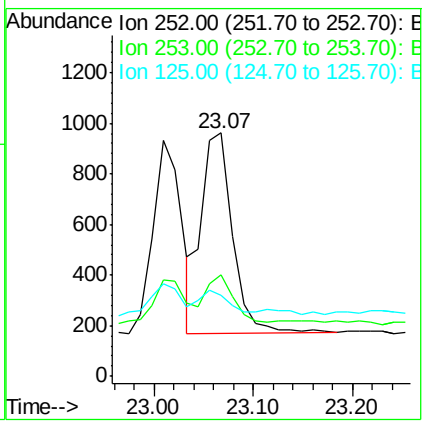


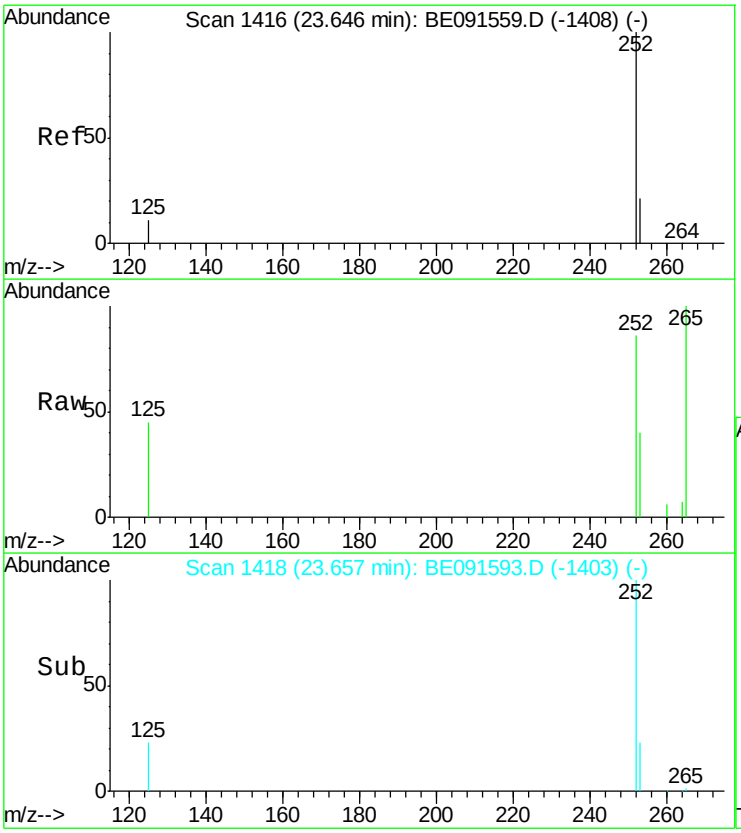
#30
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 23.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:252 Resp: 1752

Ion	Ratio	Lower	Upper
252	100		
253	41.7	20.2	30.4#
125	33.4	9.4	14.2#

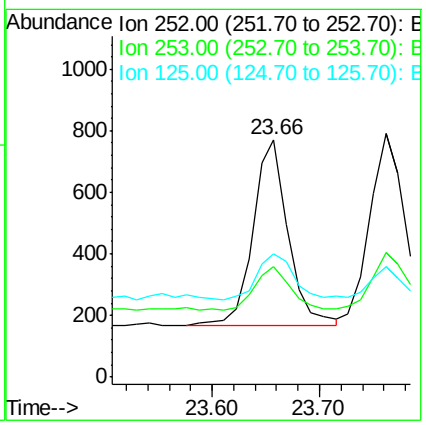


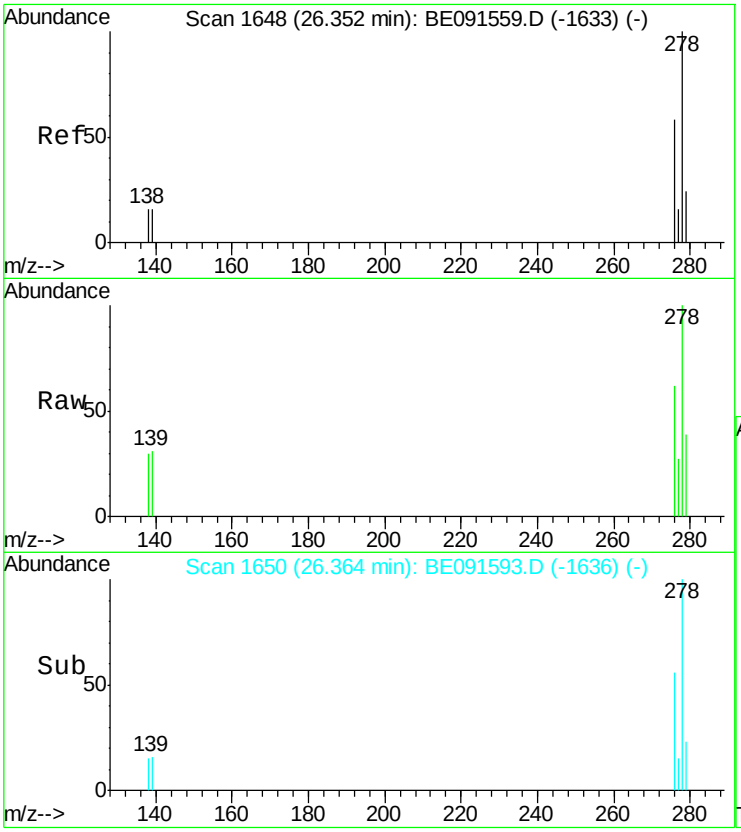


#31
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.66 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:252 Resp: 1360

Ion	Ratio	Lower	Upper
252	100		
253	46.6	19.4	29.0#
125	51.9	11.4	17.2#



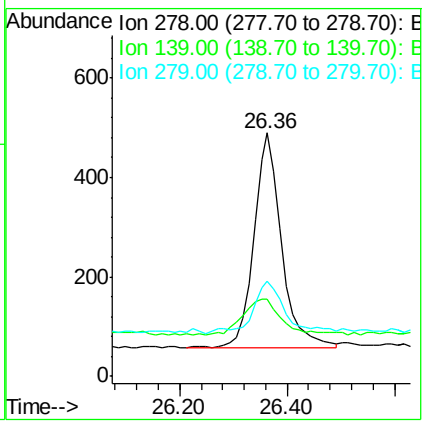


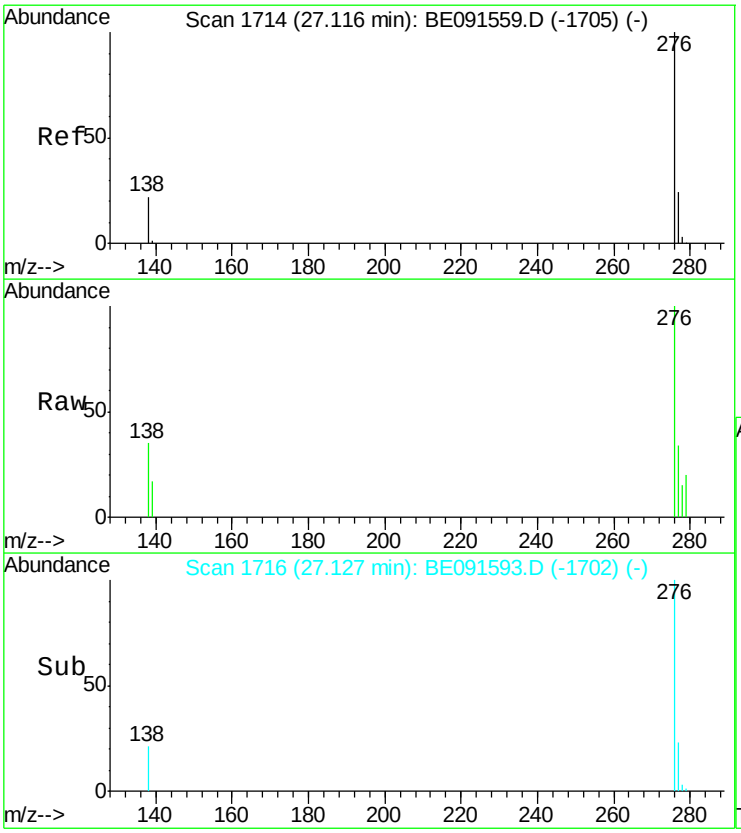
#32
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.36 min Scan# 1650
Delta R.T. -0.03 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Instrument :
BNA_E
ClientSampleId :
PB89409BL

Tgt Ion:278 Resp: 1533

Ion	Ratio	Lower	Upper
278	100		
139	31.4	14.2	21.4#
279	38.8	19.6	29.4#





#33
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.13 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:276 Resp: 1584

Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.4	29.2#
138	34.9	18.2	27.4#