Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091683.D
Acq On : 20 Apr 2016 13:49
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 20 15:33:13 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:30:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	34556	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	165875	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	99890	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	255045	5.00	ng		0.00
26) Chrysene-d12	21.31	240	260177	5.00	ng		0.00
35) Perylene-d12	23.75	264	240059	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1455	0.19	ng		0.00
5) Phenol-d6	6.97	99	1870	0.18	ng		0.00
8) Nitrobenzene-d5	8.96	82	1507	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	874	0.41	ng		0.01
15) 2-Fluorobiphenyl	13.05	172	5373	0.19	ng		0.00
29) Terphenyl-d14	19.76	244	8092	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	882	0.20	ng		95
3) n-Nitrosodimethylamine	3.66	42	813	0.16	ng		98
6) bis(2-Chloroethyl)ether	7.23	93	1751	0.19	ng	#	81
9) Nitrobenzene	9.00	77	1462	0.17	ng		95
10) Naphthalene	10.63	128	6754	0.20	ng		99
11) Hexachlorobutadiene	10.92	225	1465	0.30	ng	#	82
12) 2-Methylnaphthalene	12.24	142	4104	0.19	ng		96
16) Acenaphthylene	14.13	152	7372	0.20	ng	#	70
17) Acenaphthene	14.47	154	4681	0.19	ng		84
18) Fluorene	15.46	166	5758	0.19	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	1592	0.18	ng		98
21) Hexachlorobenzene	16.46	284	1871	0.20	ng		98
22) Pentachlorophenol	16.81	266	372	0.12	ng		95
23) Phenanthrene	17.19	178	11604	0.20	ng		99
24) Anthracene	17.29	178	9249	0.18	ng		99
25) Fluoranthene	19.21	202	10495	0.18	ng		97
27) Benzidine	19.40	184	1852	0.10	ng		94
28) Pyrene	19.55	202	11114	0.21	ng		100
30) Benzo(a)anthracene	21.29	228	11964	0.20	ng		97
31) 3,3'-Dichlorobenzidine	21.24	252	3729	0.16	ng	#	83
32) Chrysene	21.29	228	11964	0.20	ng		93
33) Bis(2-ethylhexyl)phthalate	21.20	149	1970	0.18	ng	#	57
34) Indeno(1,2,3-cd)pyrene	26.32	276	11610	0.21	ng		96
36) Benzo(b)fluoranthene	23.00	252	10967	0.21	ng		97
37) Benzo(k)fluoranthene	23.05	252	10775	0.19	ng		98
38) Benzo(a)pyrene	23.63	252	9016	0.18	ng	#	95
39) Dibenzo(a,h)anthracene	26.34	278	9366	0.19	ng		96
40) Benzo(g,h,i)perylene	27.10	276	9961	0.20	ng		95

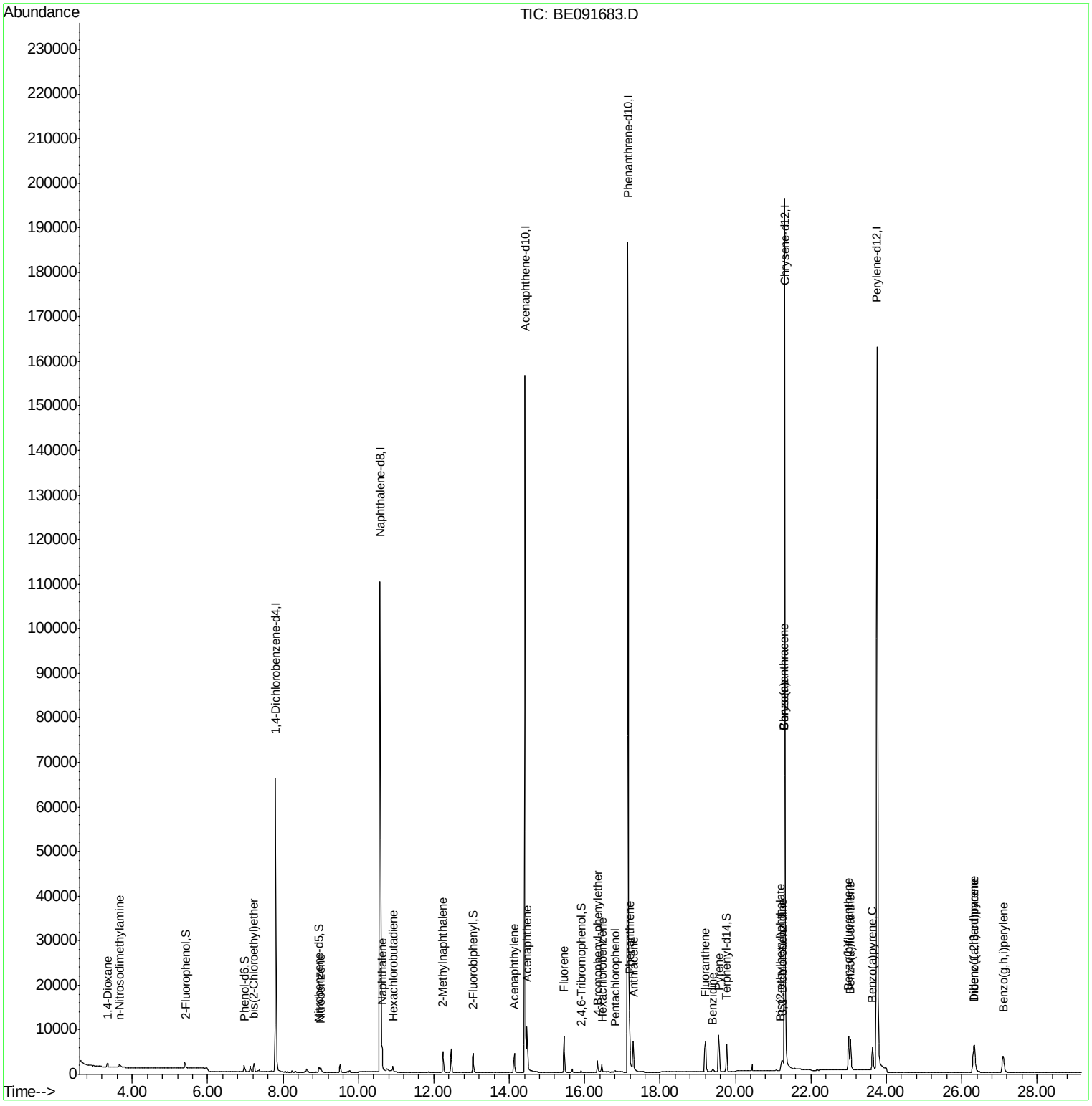
(#) = qualifier out of range (m) = manual integration (+) = signals summed

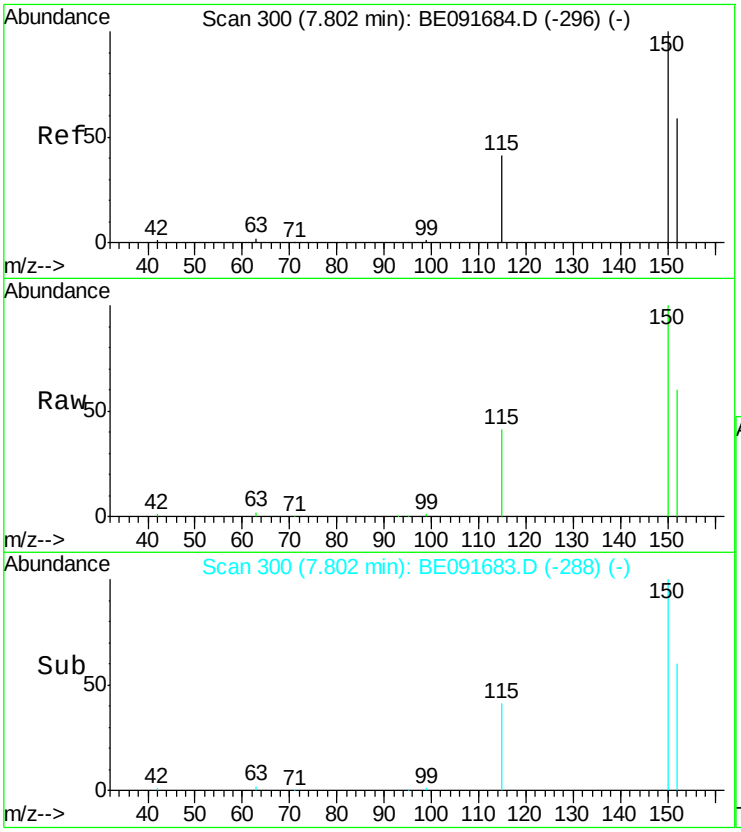
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091683.D
Acq On : 20 Apr 2016 13:49
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 20 15:33:13 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:30:28 2016
Response via : Initial Calibration



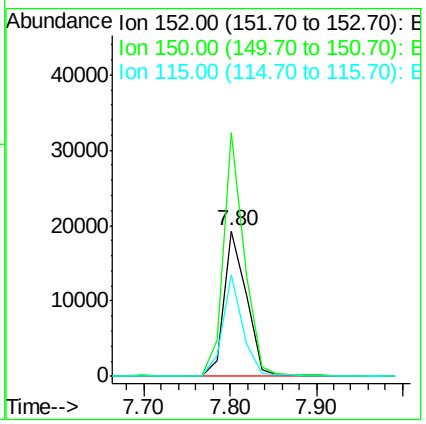


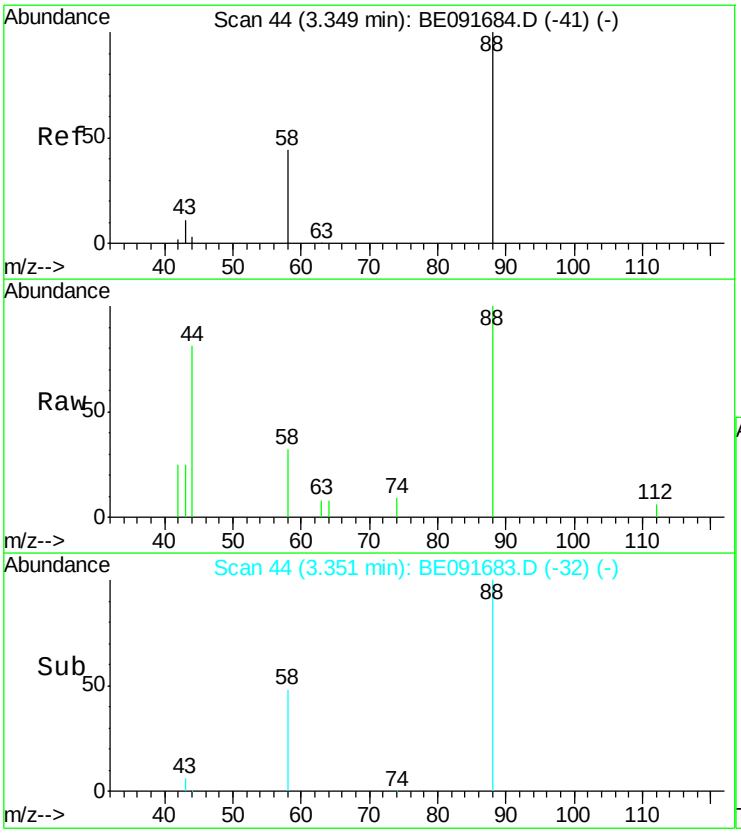
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 34556

Ion	Ratio	Lower	Upper
152	100		
150	167.8	122.6	183.8
115	69.6	52.8	79.2

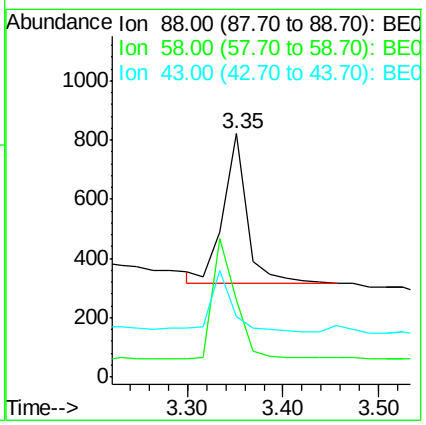


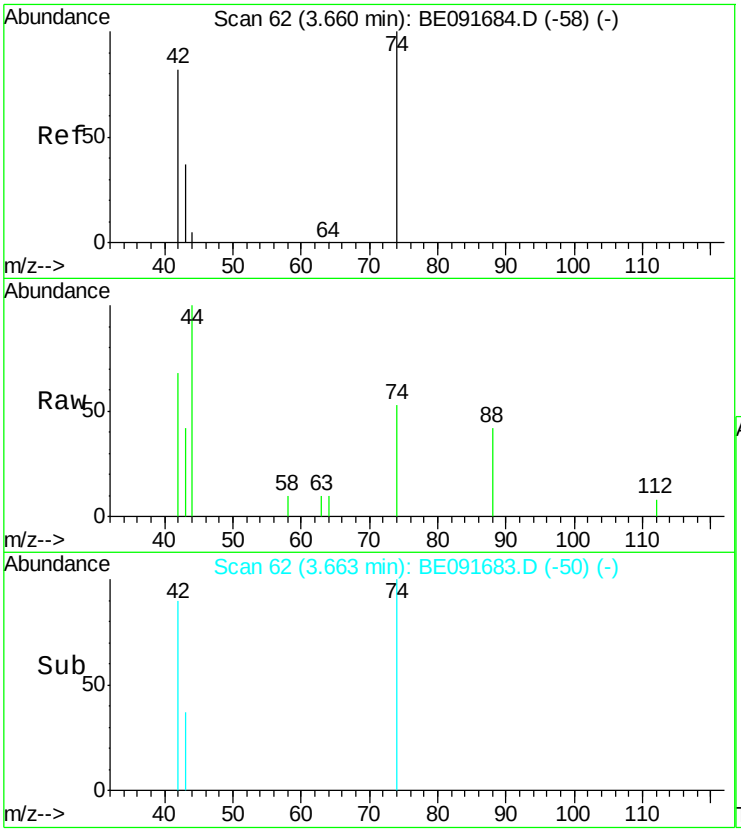


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion: 88 Resp: 882

Ion	Ratio	Lower	Upper
88	100		
58	79.3	65.8	98.6
43	36.7	25.3	37.9



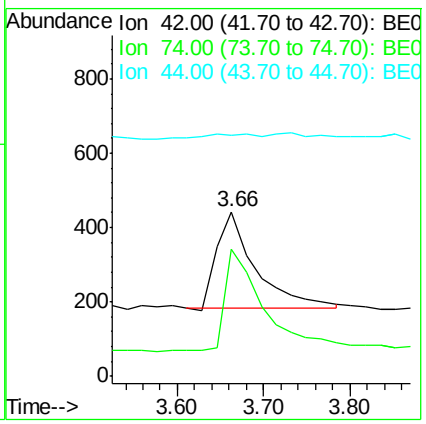


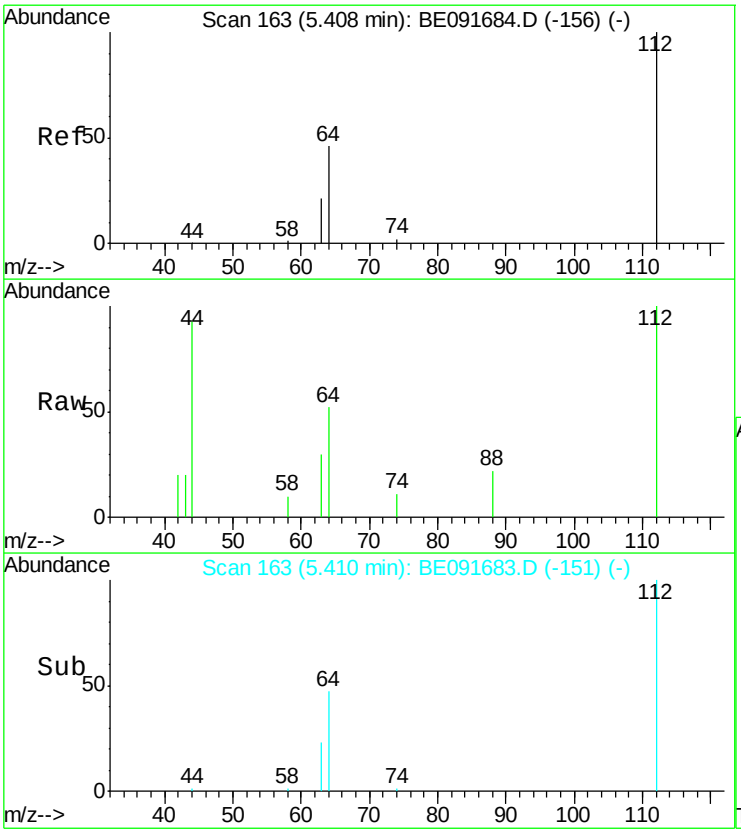
#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.66 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 813

Ion	Ratio	Lower	Upper
42	100		
74	107.9	87.9	131.9
44	7.5	6.6	9.8

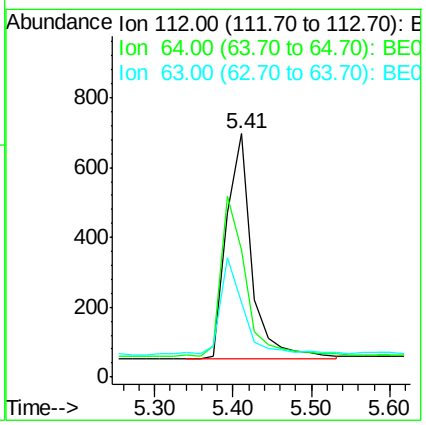


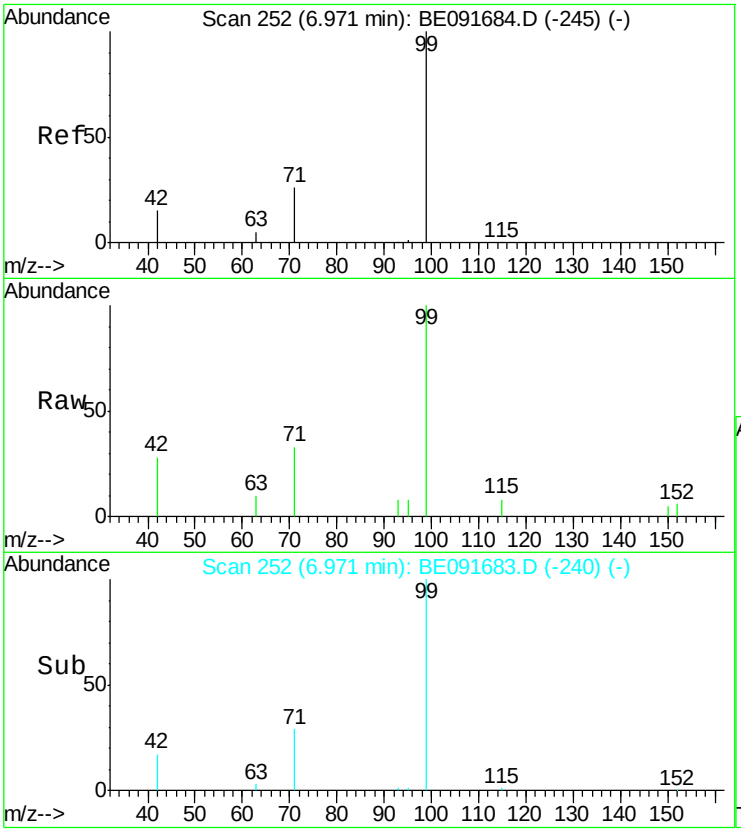


#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:112 Resp: 1455

Ion	Ratio	Lower	Upper
112	100		
64	69.0	30.9	46.3#
63	40.2	16.7	25.1#



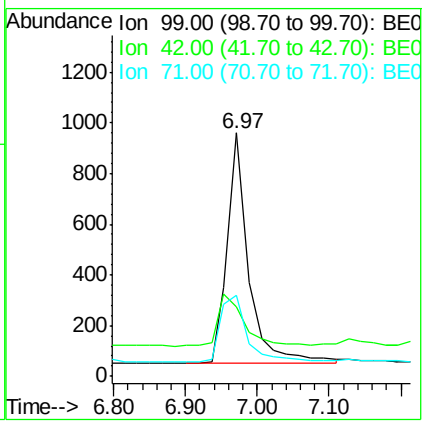


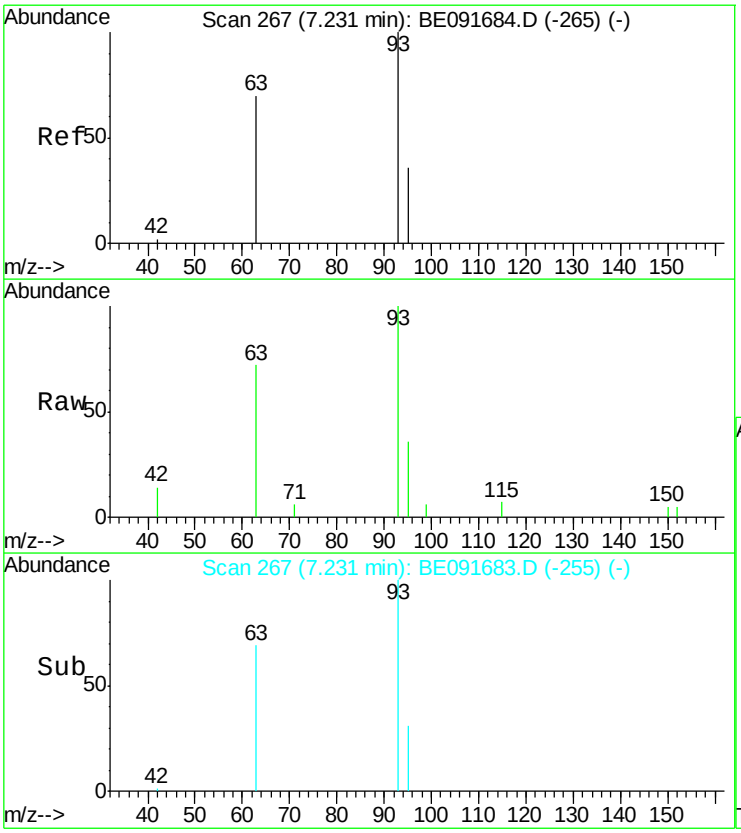
#5
Phenol-d6
Concen: 0.18 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1870

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.2#
71	36.5	29.0	43.4

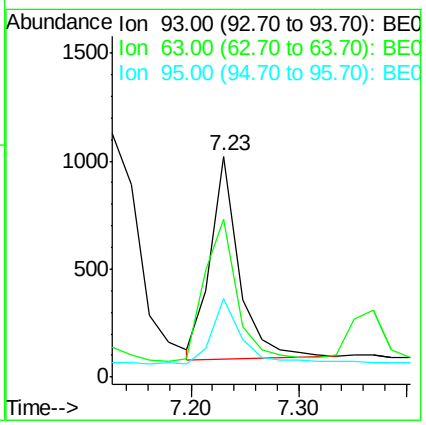


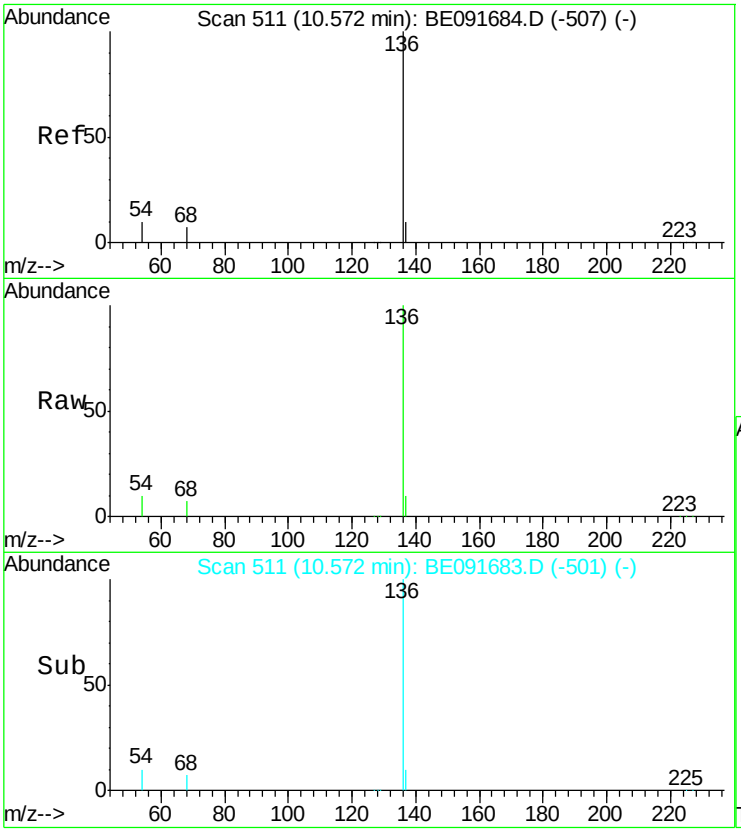


#6
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 7.23 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion: 93 Resp: 1751

Ion	Ratio	Lower	Upper
93	100		
63	79.0	49.5	74.3#
95	34.3	22.2	33.4#



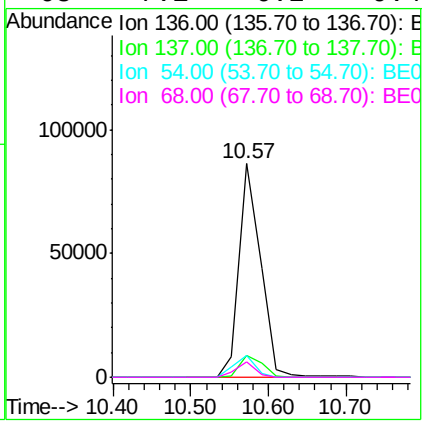


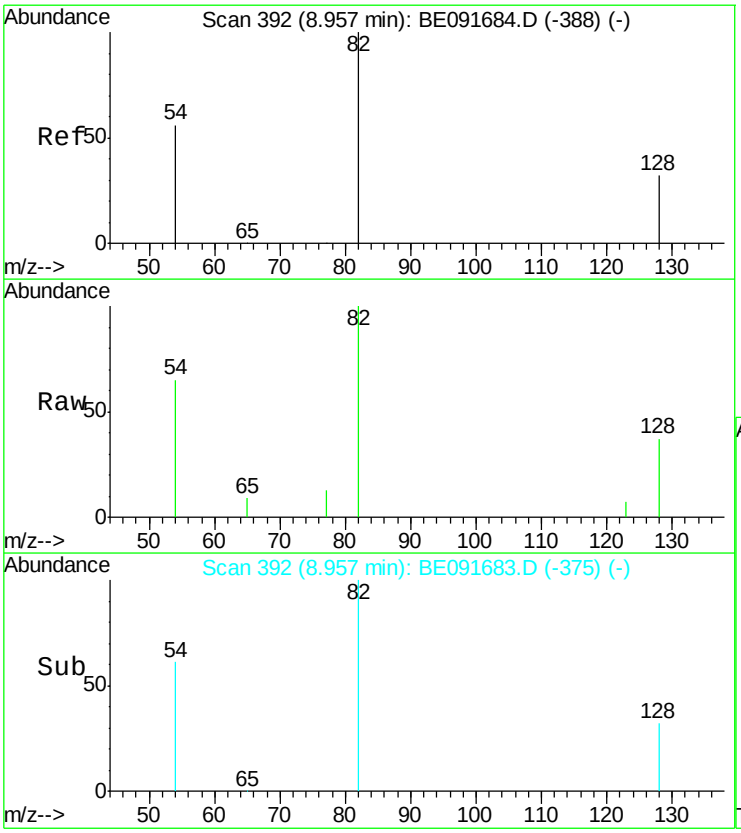
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 165875

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.3	8.2	12.4
68	7.1	6.2	9.4

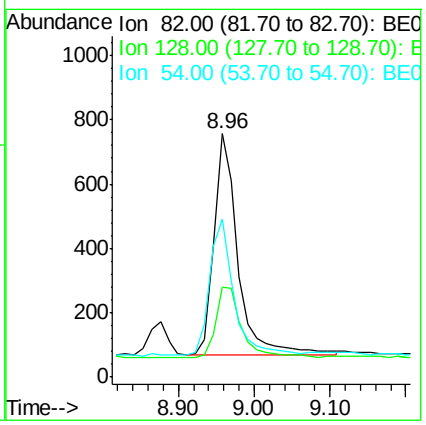


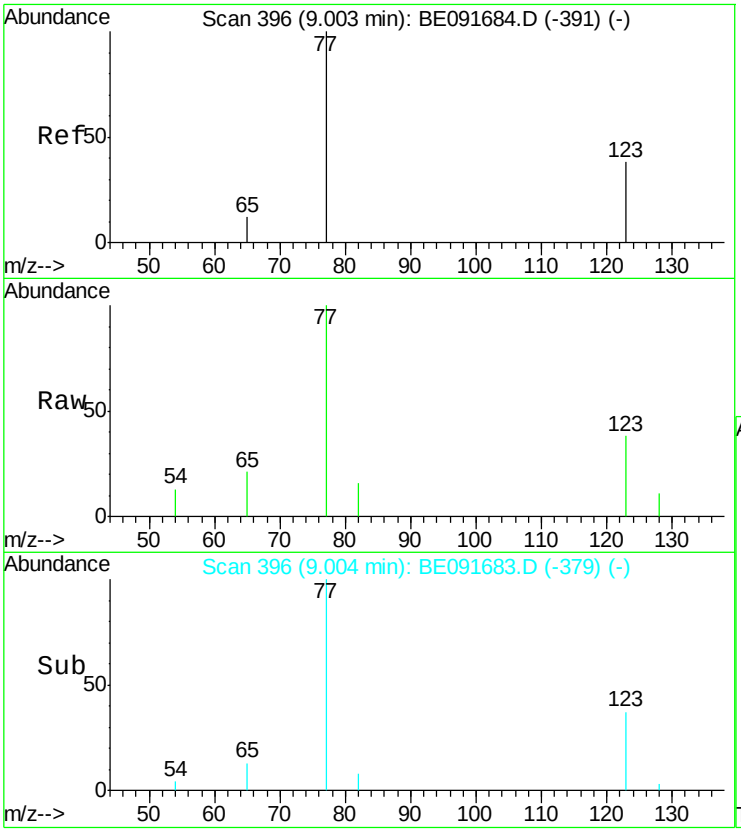


#8
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion: 82 Resp: 1507

Ion	Ratio	Lower	Upper
82	100		
128	36.7	25.4	38.0
54	65.0	48.4	72.6



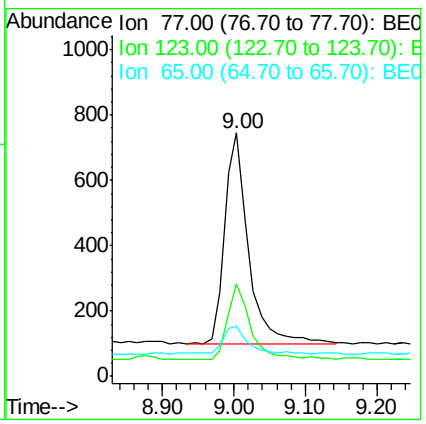


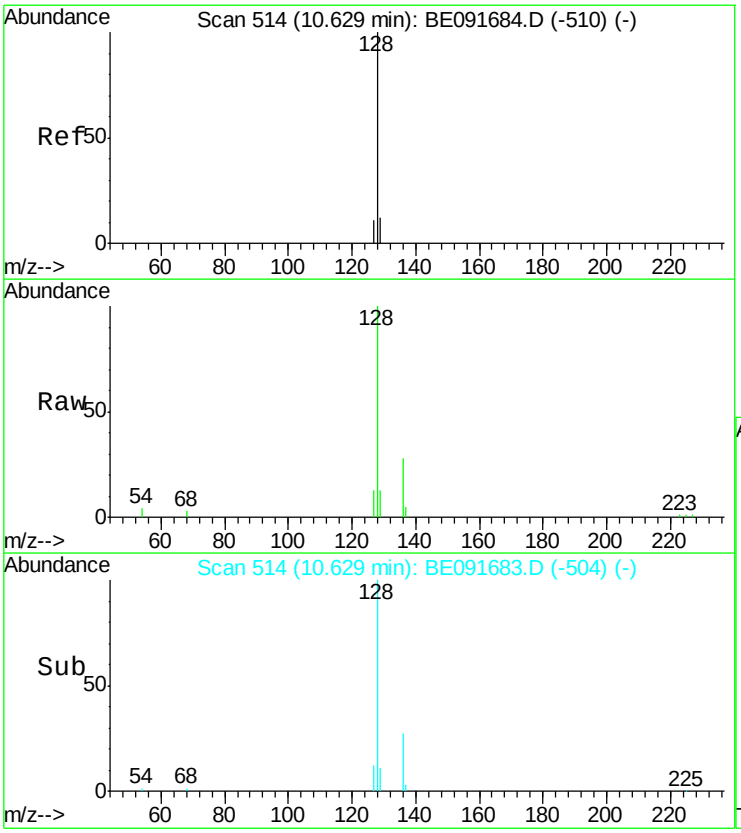
#9
Nitrobenzene
Concen: 0.17 ng
RT: 9.00 min Scan# 396
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 1462

Ion	Ratio	Lower	Upper
77	100		
123	36.1	26.9	40.3
65	13.7	9.4	14.2

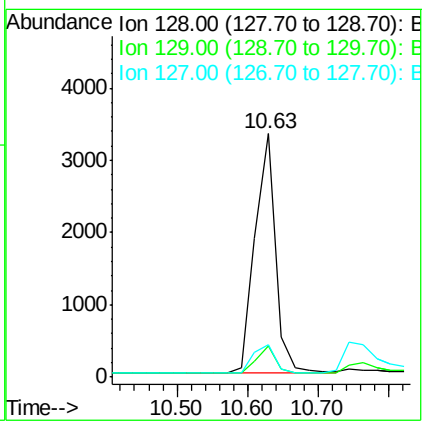


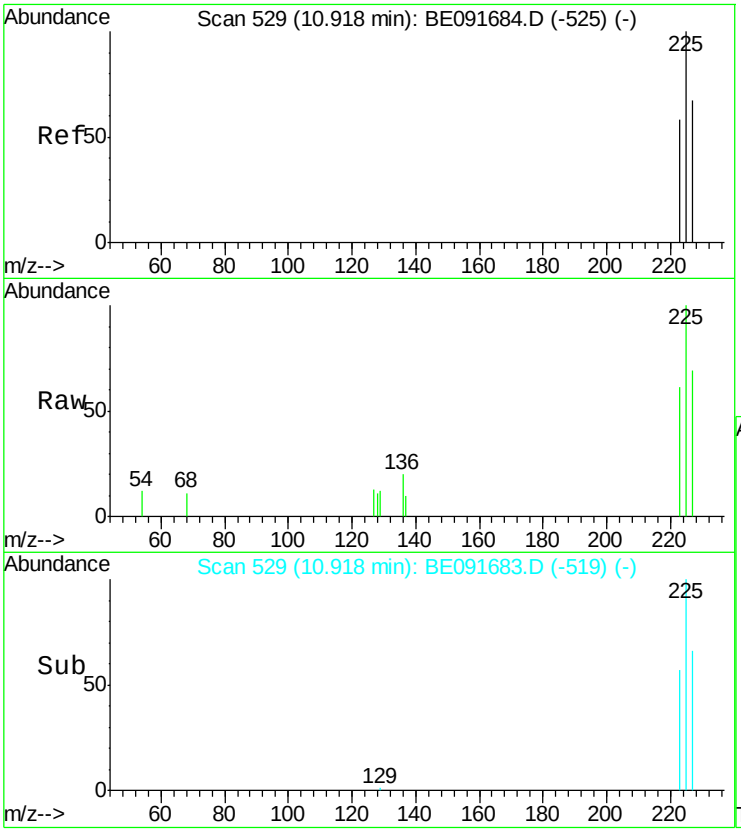


#10
Naphthalene
Concen: 0.20 ng
RT: 10.63 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:128 Resp: 6754

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	13.4	10.7	16.1



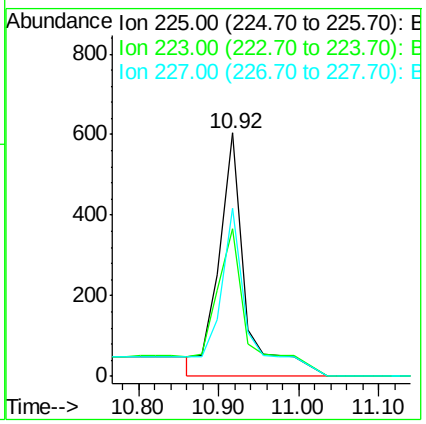


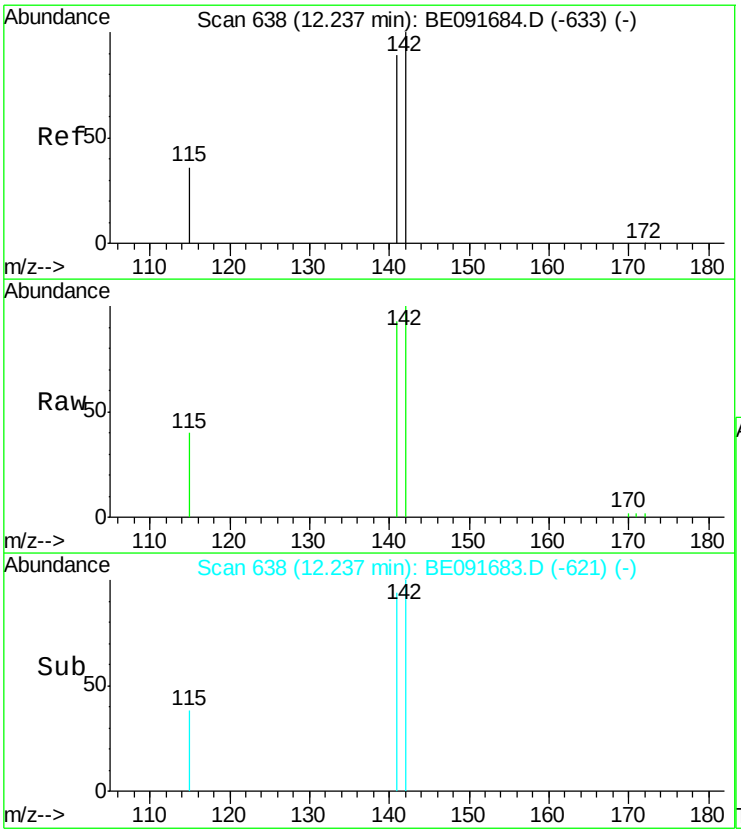
#11
Hexachlorobutadiene
Concen: 0.30 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 1465

Ion	Ratio	Lower	Upper
225	100		
223	73.9	49.0	73.6#
227	77.3	50.3	75.5#

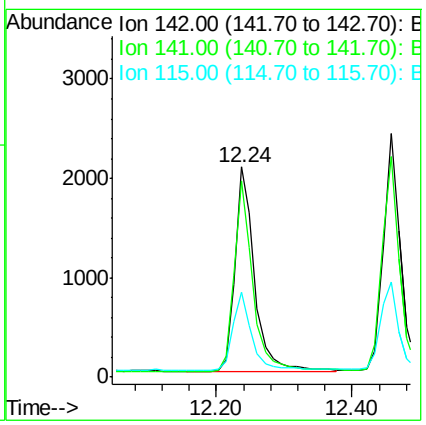


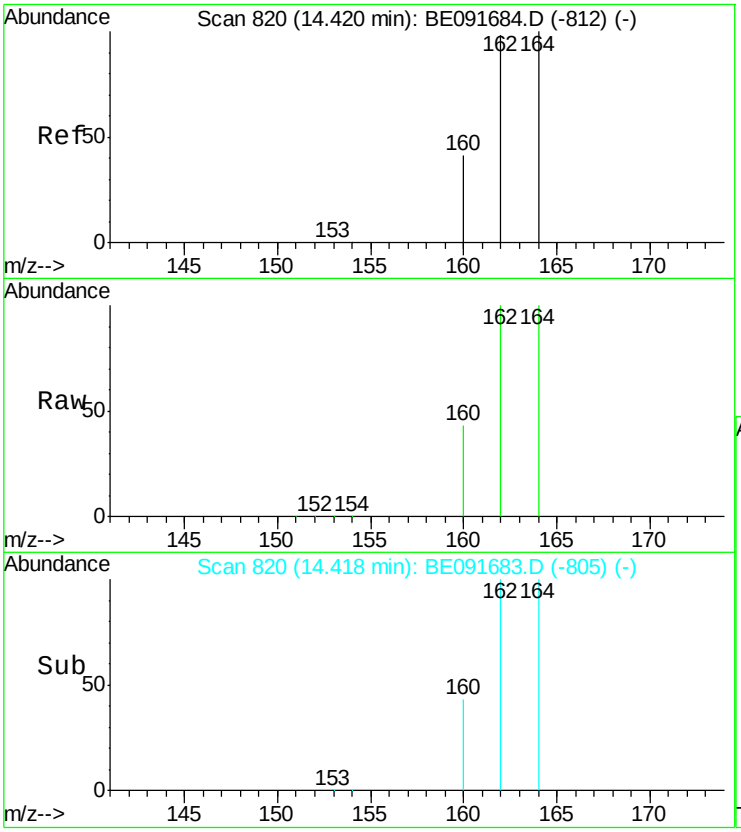


#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:142 Resp: 4104

Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.4	107.0
115	40.2	30.3	45.5



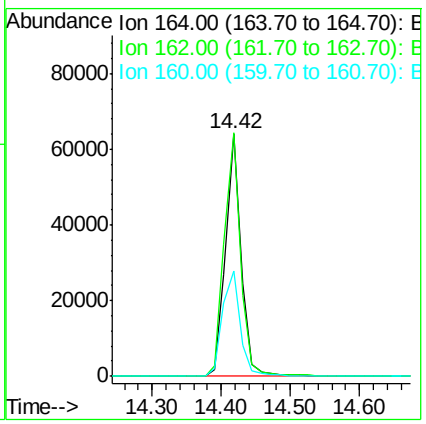


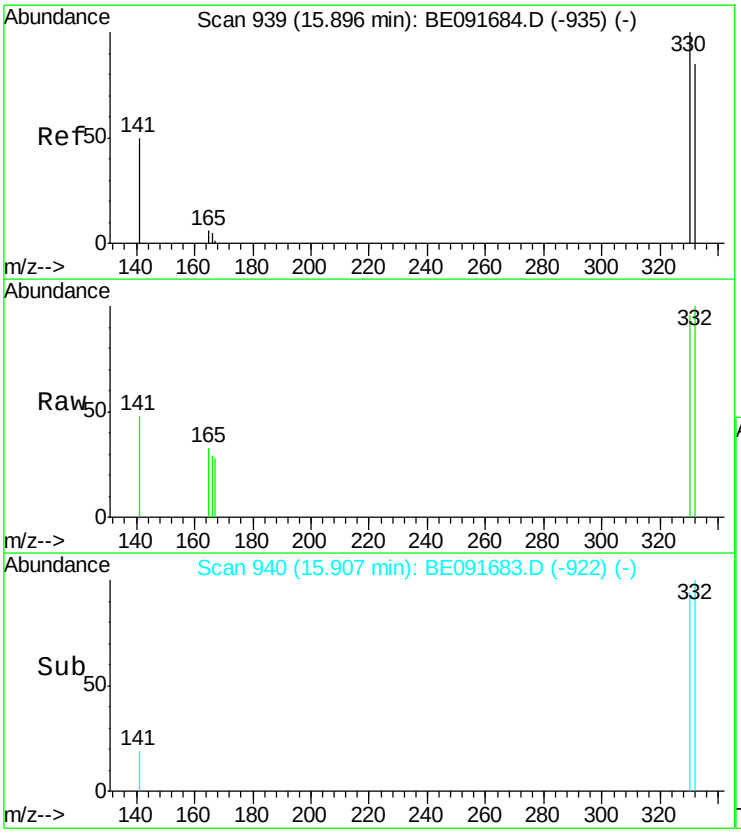
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 99890

Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.3	127.9
160	43.6	46.2	69.2#

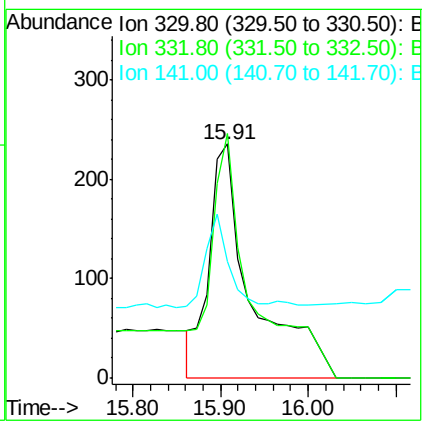


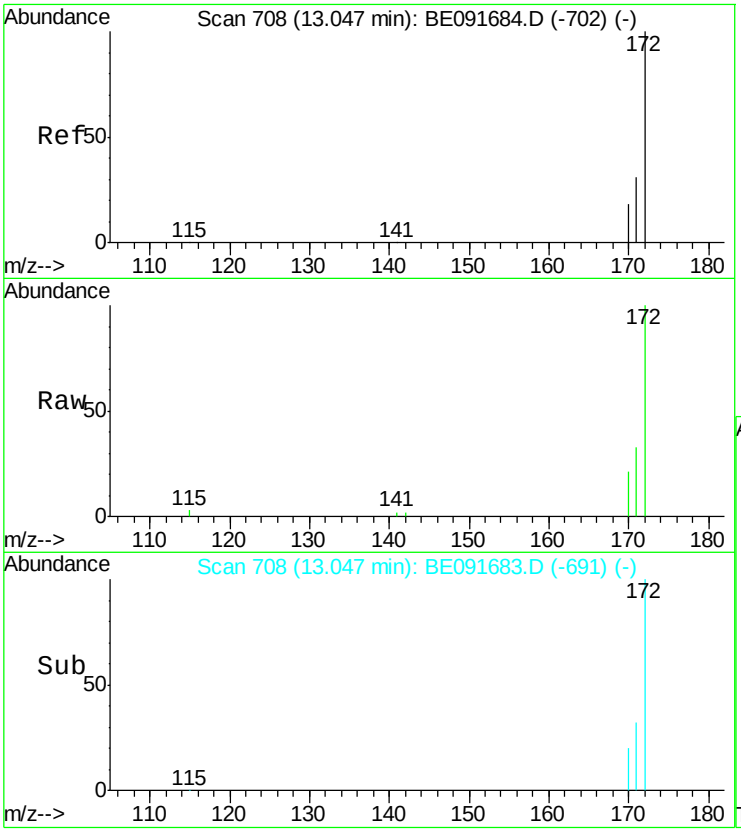


#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.91 min Scan# 940
Delta R.T. 0.01 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:330 Resp: 874

Ion	Ratio	Lower	Upper
330	100		
332	99.0	79.1	118.7
141	20.1	125.4	188.0#



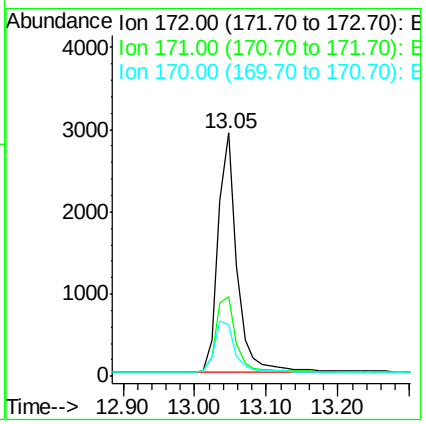


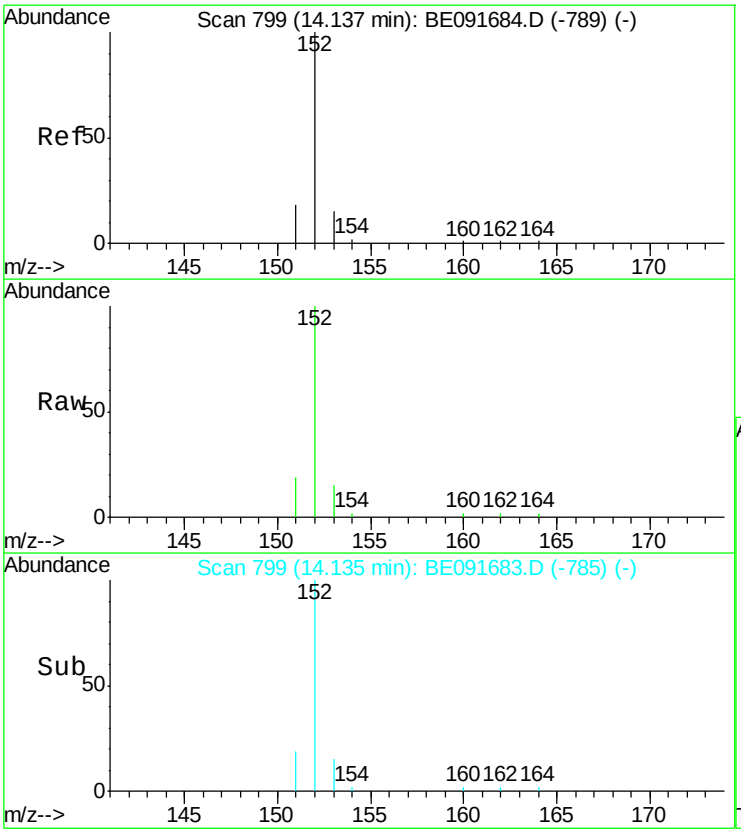
#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5373

Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.8	43.2
170	21.3	19.3	28.9

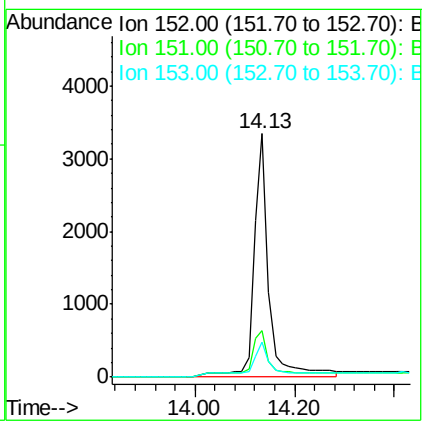


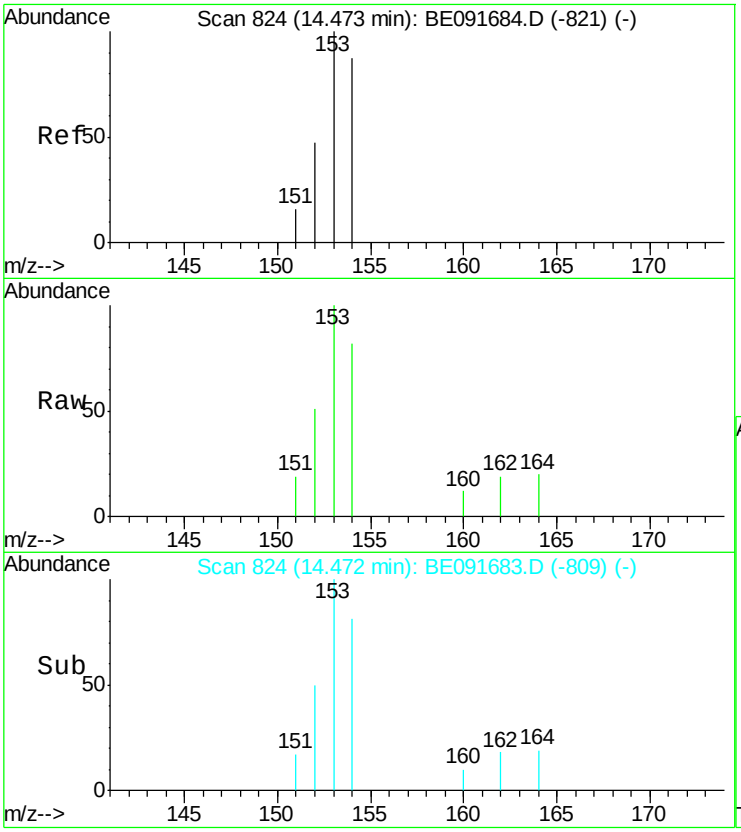


#16
Acenaphthylene
Concen: 0.20 ng
RT: 14.13 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:152 Resp: 7372

Ion	Ratio	Lower	Upper
152	100		
151	18.3	3.9	5.9#
153	23.0	10.3	15.5#



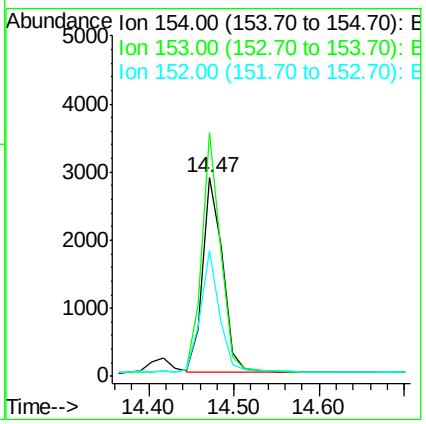


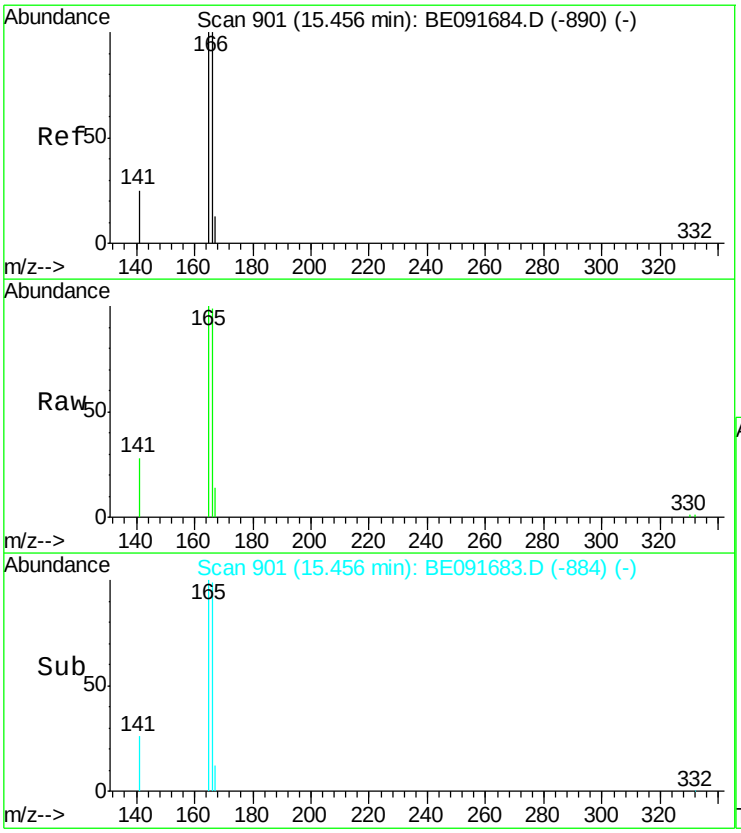
#17
Acenaphthene
Concen: 0.19 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4681

Ion	Ratio	Lower	Upper
154	100		
153	117.9	80.0	120.0
152	58.5	40.0	60.0

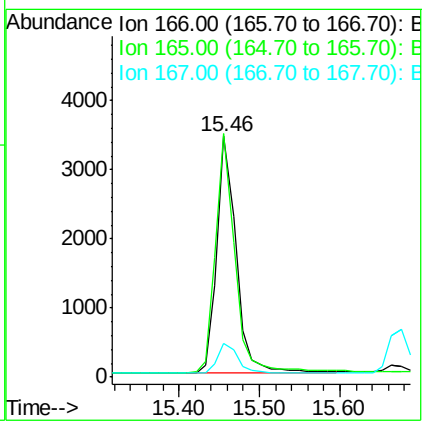


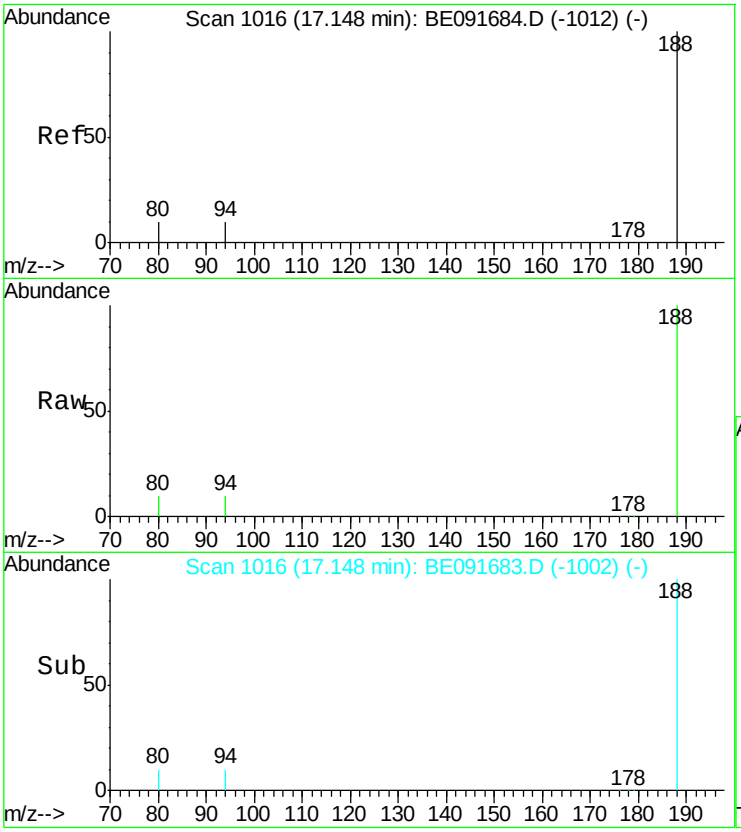


#18
Fluorene
Concen: 0.19 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:166 Resp: 5758

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	13.3	10.9	16.3



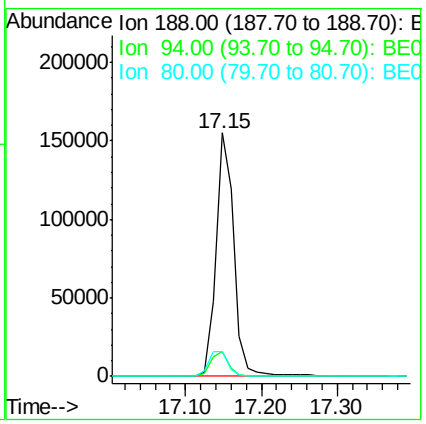


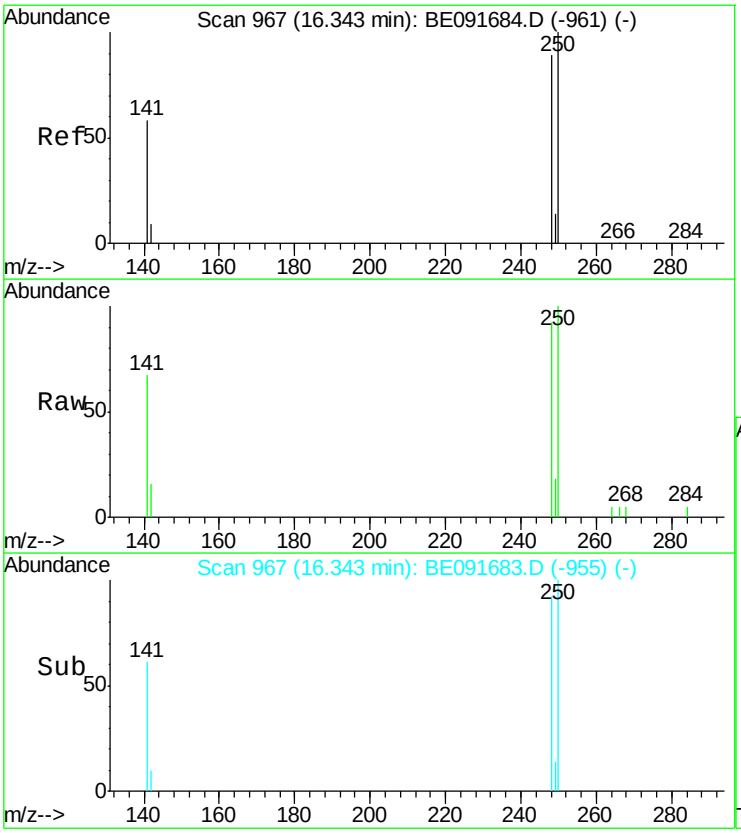
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 255045

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	10.0	9.4	14.0

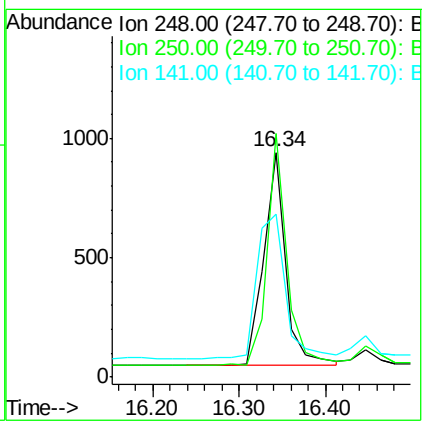


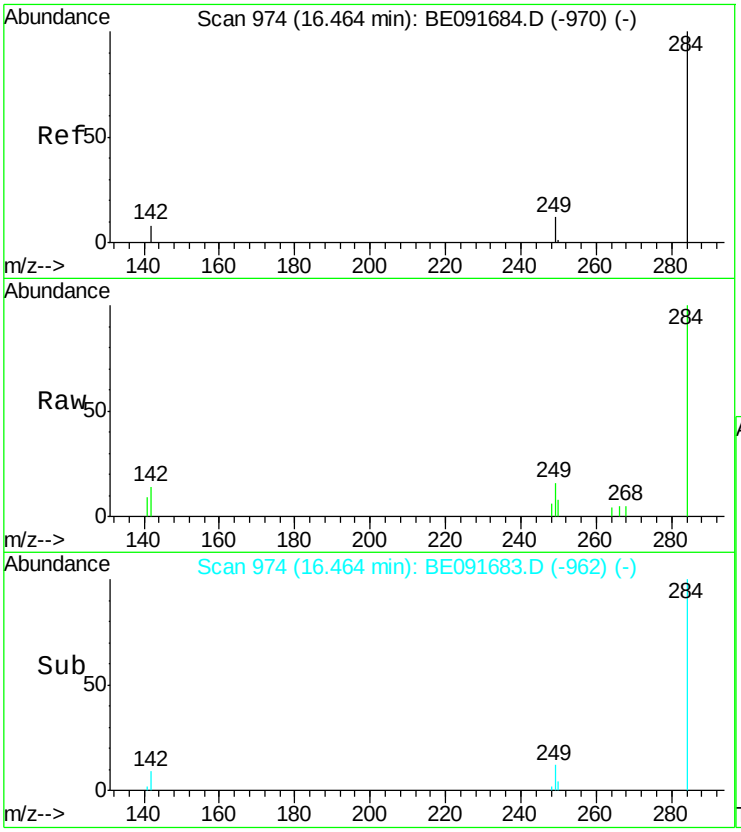


#20
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:248 Resp: 1592

Ion	Ratio	Lower	Upper
248	100		
250	97.6	80.5	120.7
141	88.8	72.0	108.0



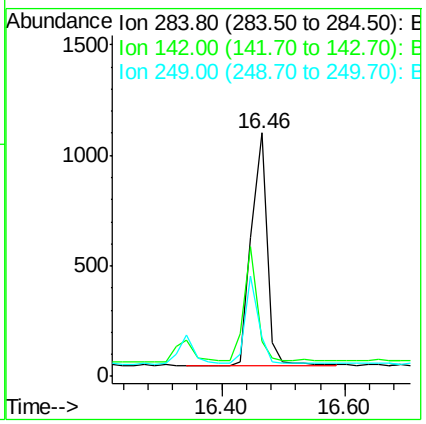


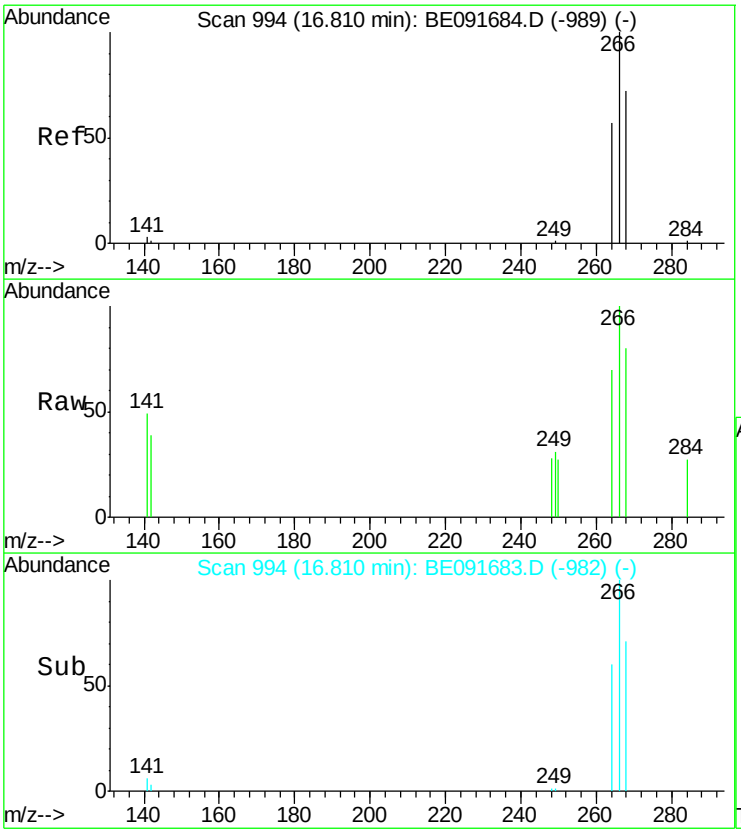
#21
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1871

Ion	Ratio	Lower	Upper
284	100		
142	41.7	32.2	48.2
249	32.1	25.4	38.2

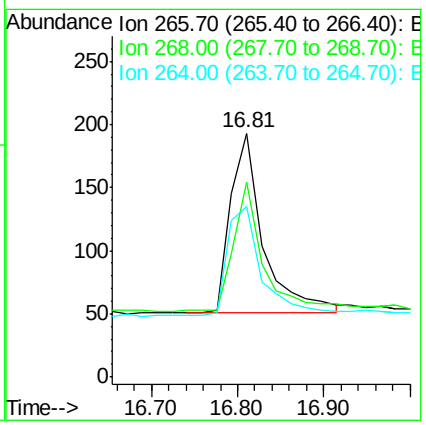


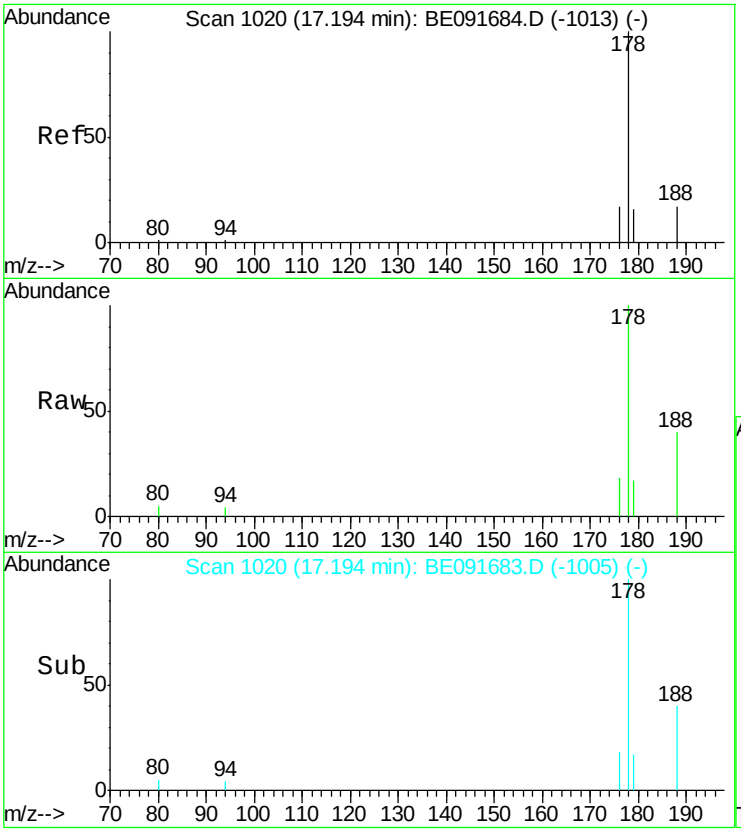


#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:266 Resp: 372

Ion	Ratio	Lower	Upper
266	100		
268	79.8	58.2	87.2
264	69.9	56.2	84.4



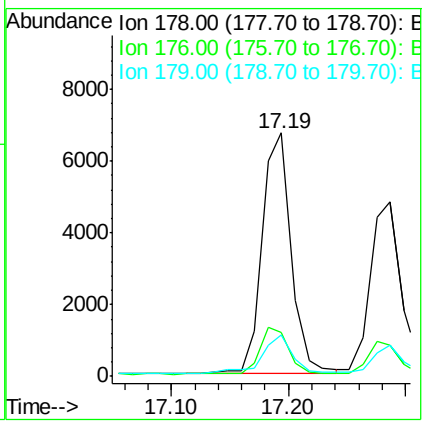


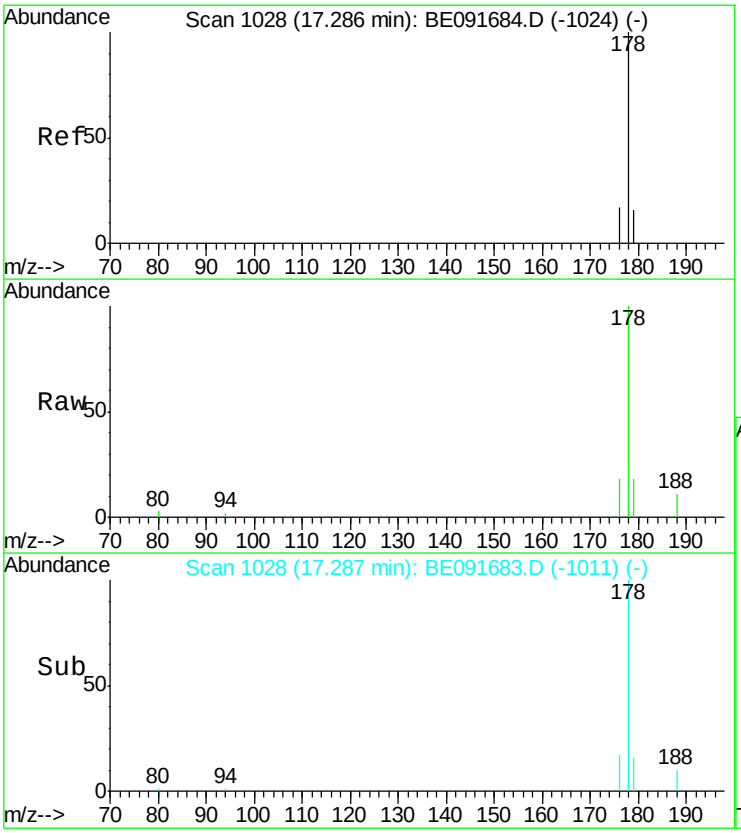
#23
Phenanthrene
Concen: 0.20 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11604

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.5	12.6	18.8

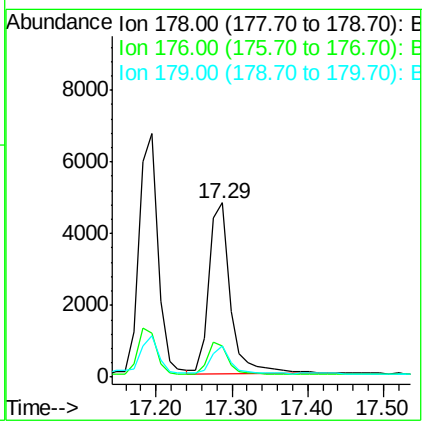


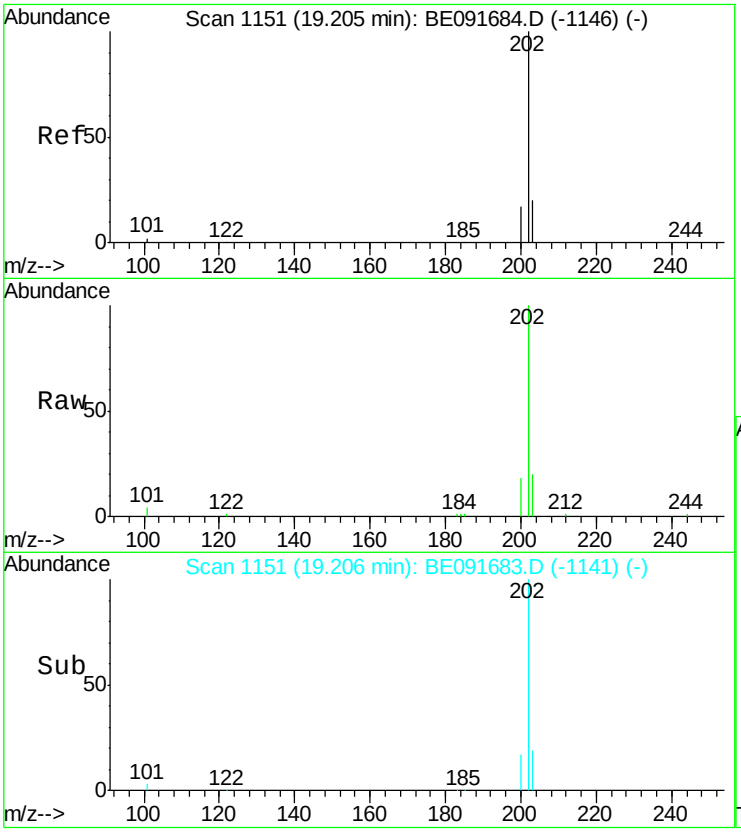


#24
Anthracene
Concen: 0.18 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:178 Resp: 9249

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	14.7	11.8	17.6



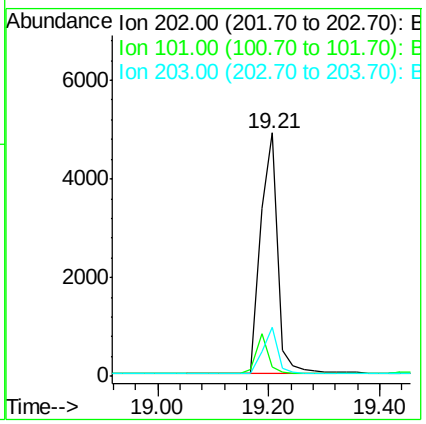


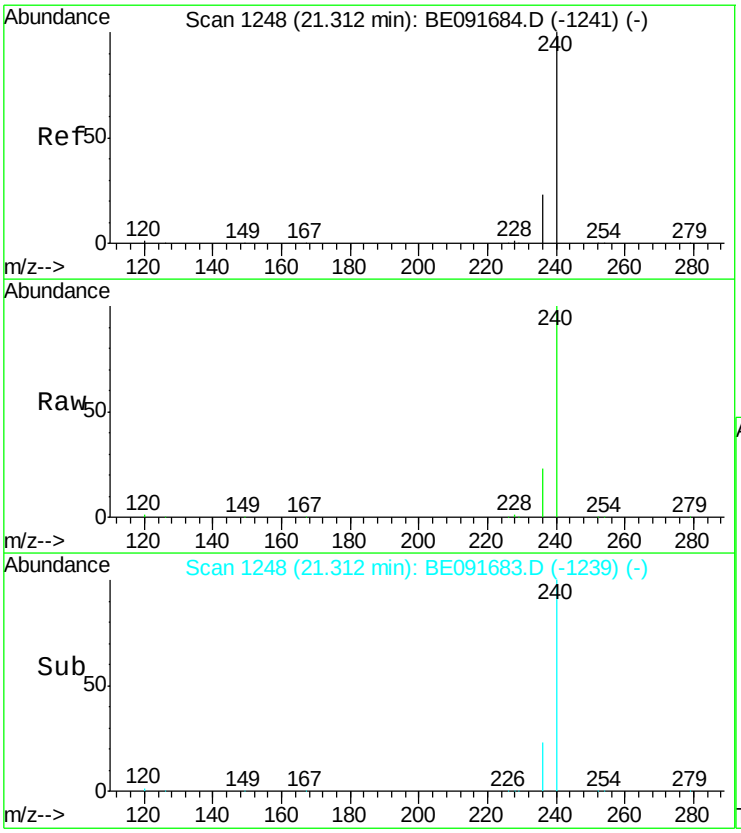
#25
Fluoranthene
Concen: 0.18 ng
RT: 19.21 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 10495

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.0	16.6
203	17.1	13.9	20.9

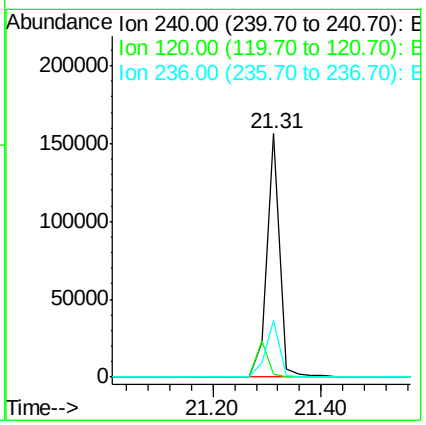


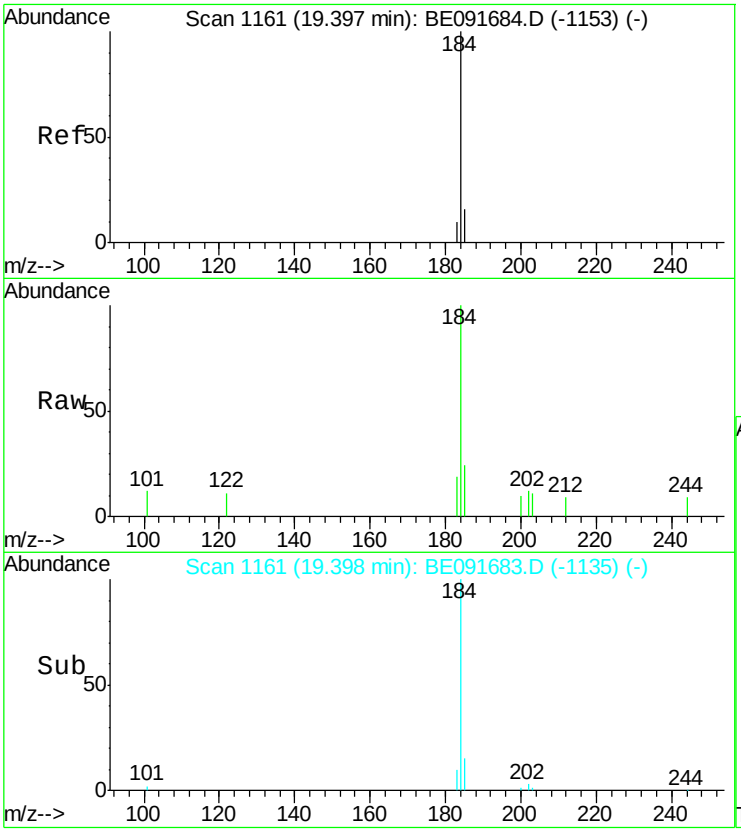


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:240 Resp: 260177

Ion	Ratio	Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	23.3	21.7	32.5



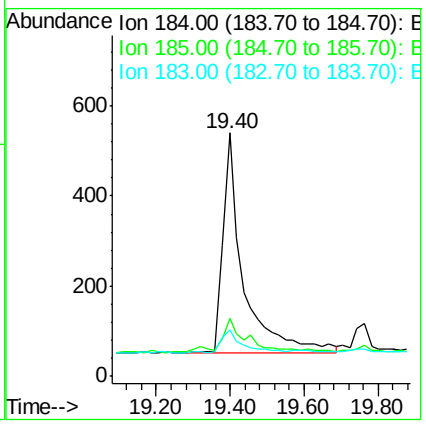


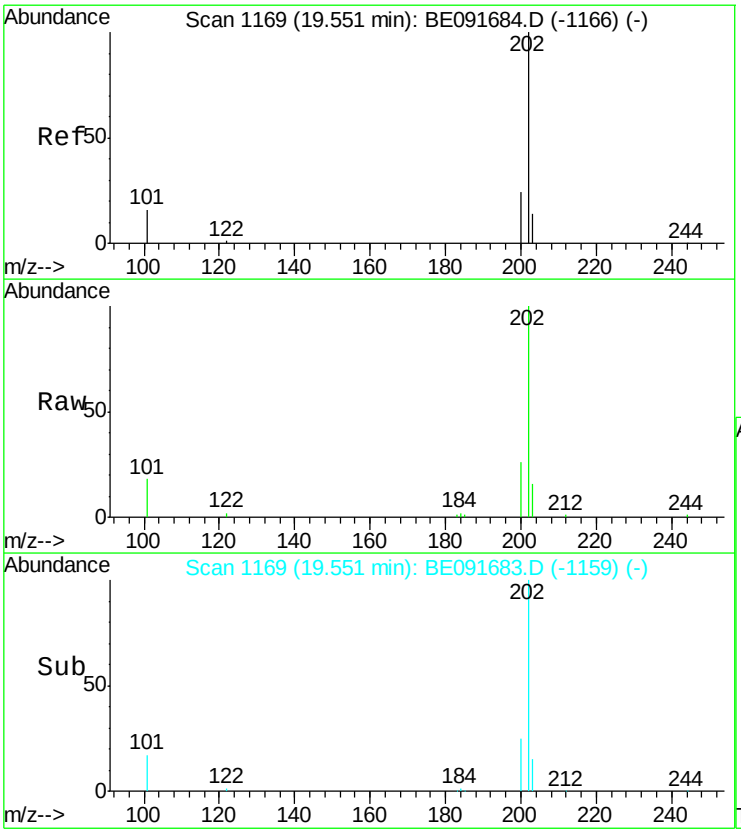
#27
Benzidine
Concen: 0.10 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 1852

Ion	Ratio	Lower	Upper
184	100		
185	23.7	22.3	33.5
183	19.3	16.4	24.6

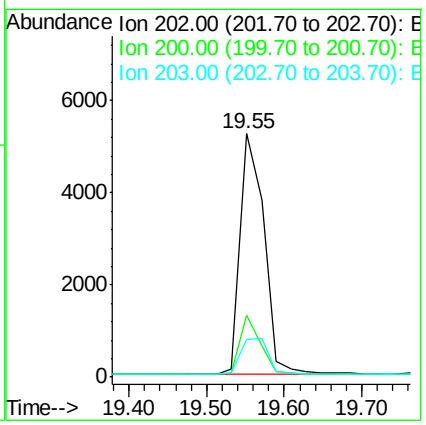


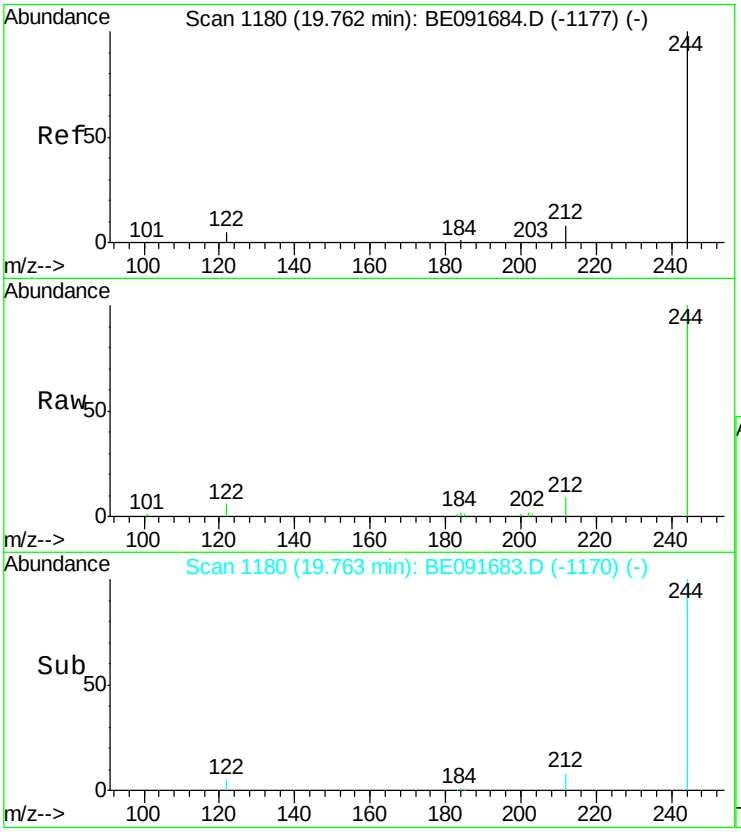


#28
Pyrene
Concen: 0.21 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:202 Resp: 11114

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	17.5	14.0	21.0



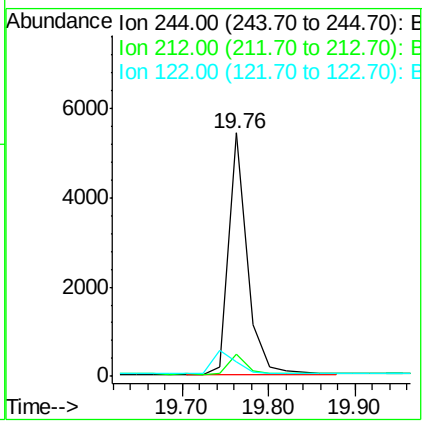


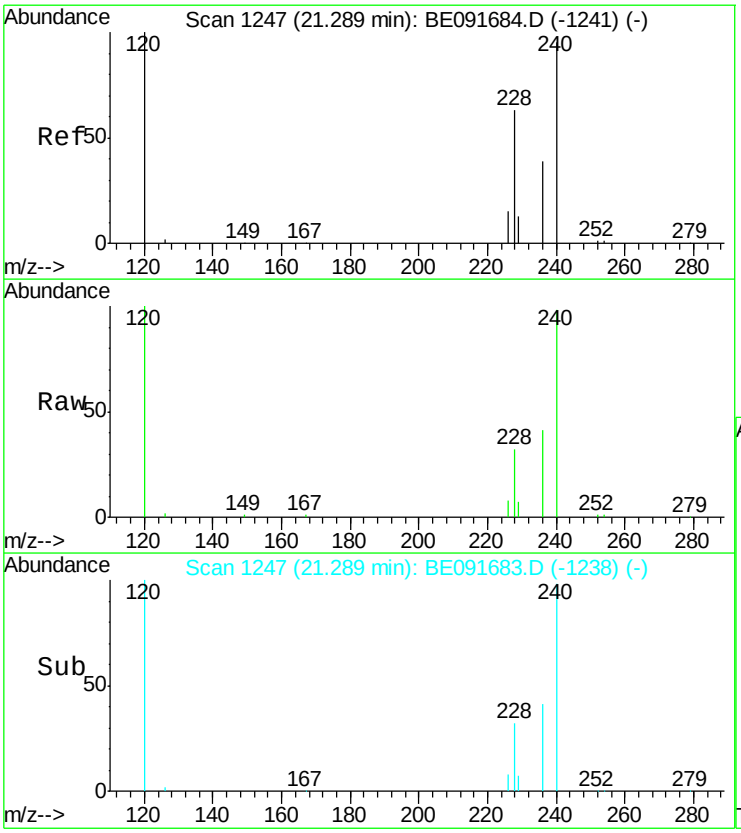
#29
Terphenyl-d14
Concen: 0.23 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8092

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	5.9	11.0	16.4#

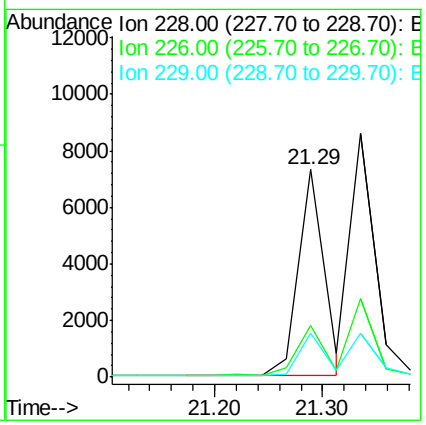


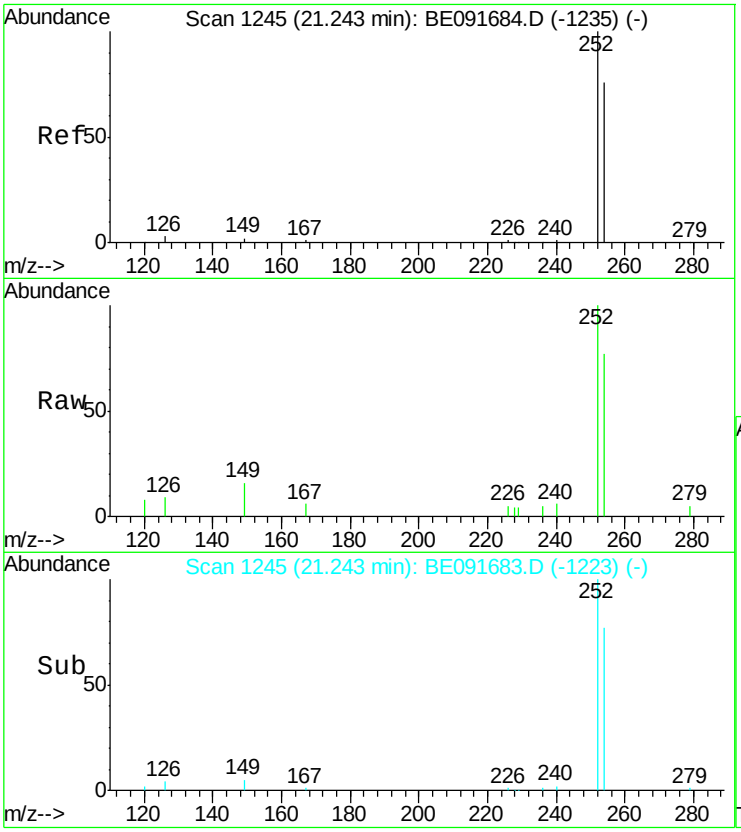


#30
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:228 Resp: 11964

Ion	Ratio	Lower	Upper
228	100		
226	24.9	21.0	31.4
229	21.2	15.7	23.5



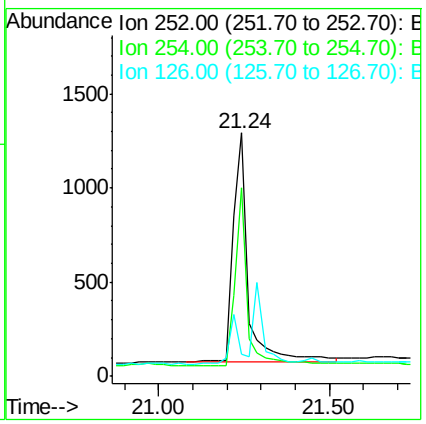


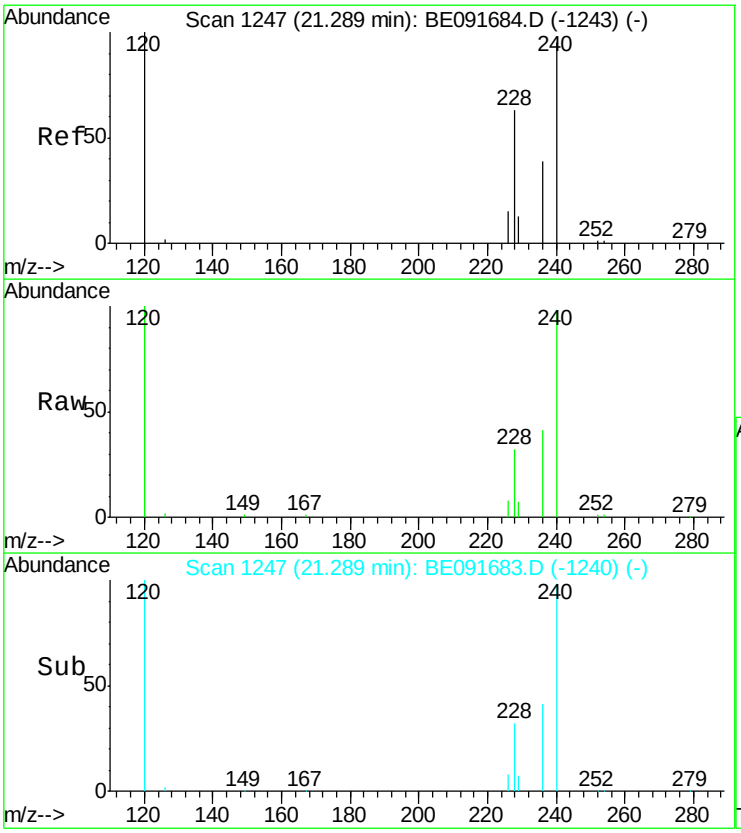
#31
3,3'-Dichlorobenzidine
Concen: 0.16 ng
RT: 21.24 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3729

Ion	Ratio	Lower	Upper
252	100		
254	77.2	51.1	76.7#
126	9.1	12.6	18.8#

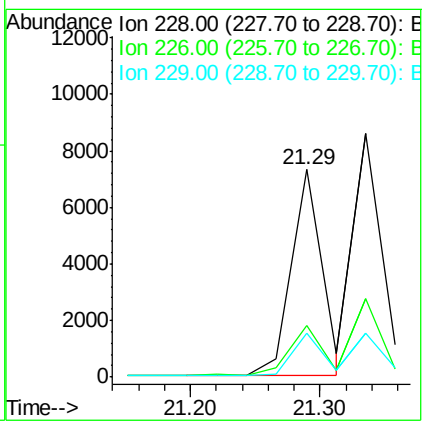


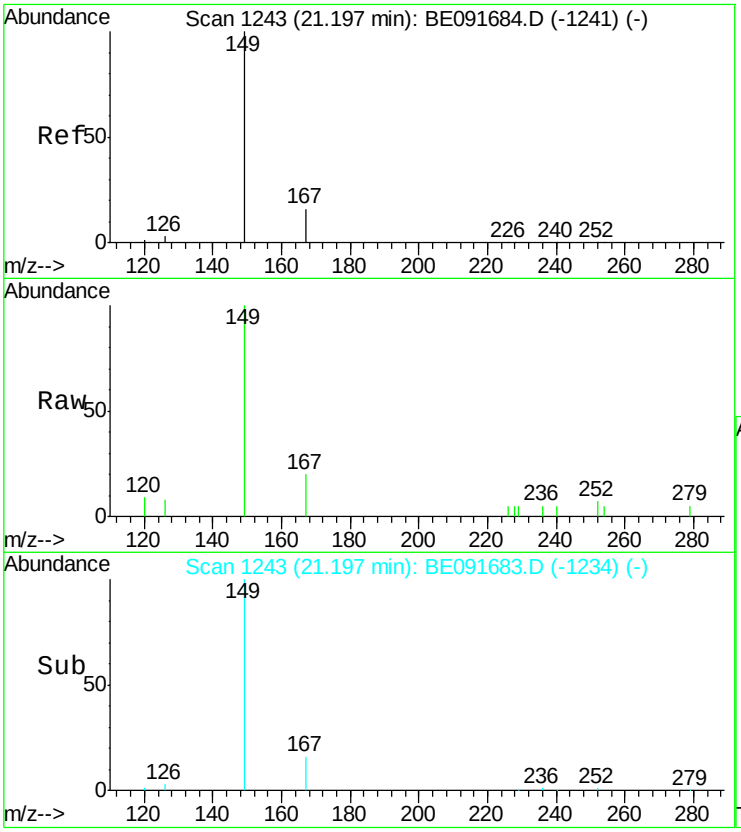


#32
Chrysene
Concen: 0.20 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:228 Resp: 11964

Ion	Ratio	Lower	Upper
228	100		
226	24.9	24.0	36.0
229	21.2	15.9	23.9



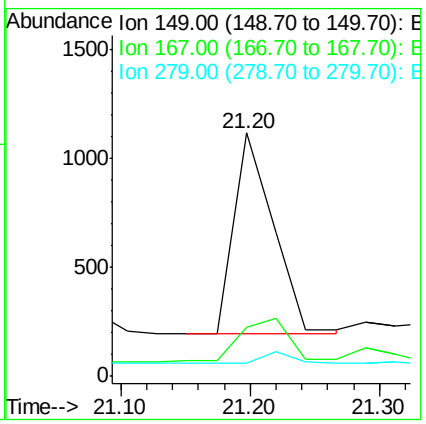


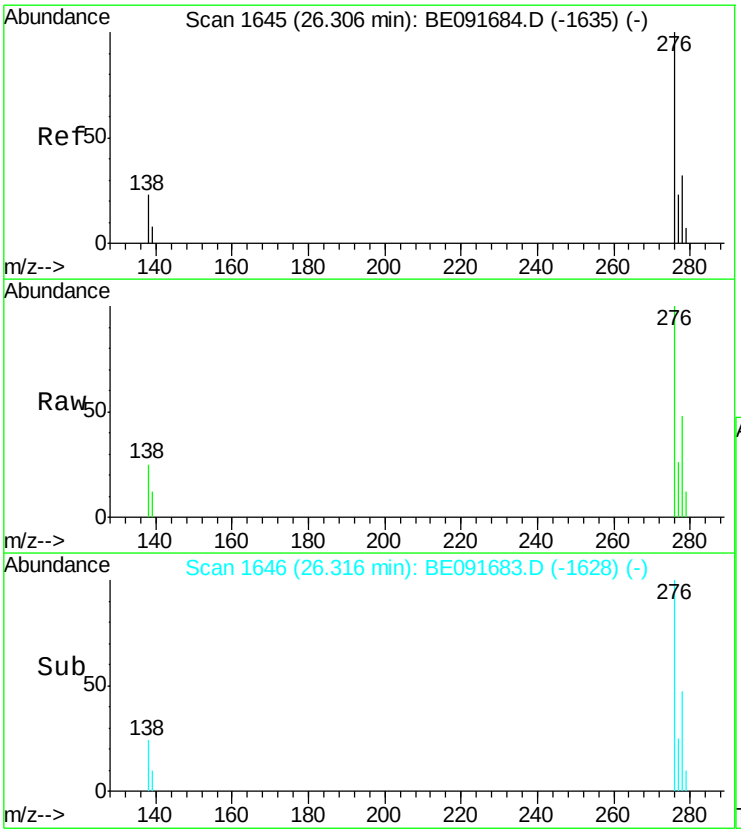
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1970

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.5	29.3#
279	0.0	10.0	15.0#

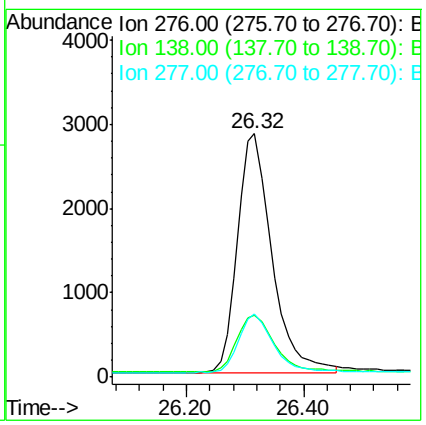


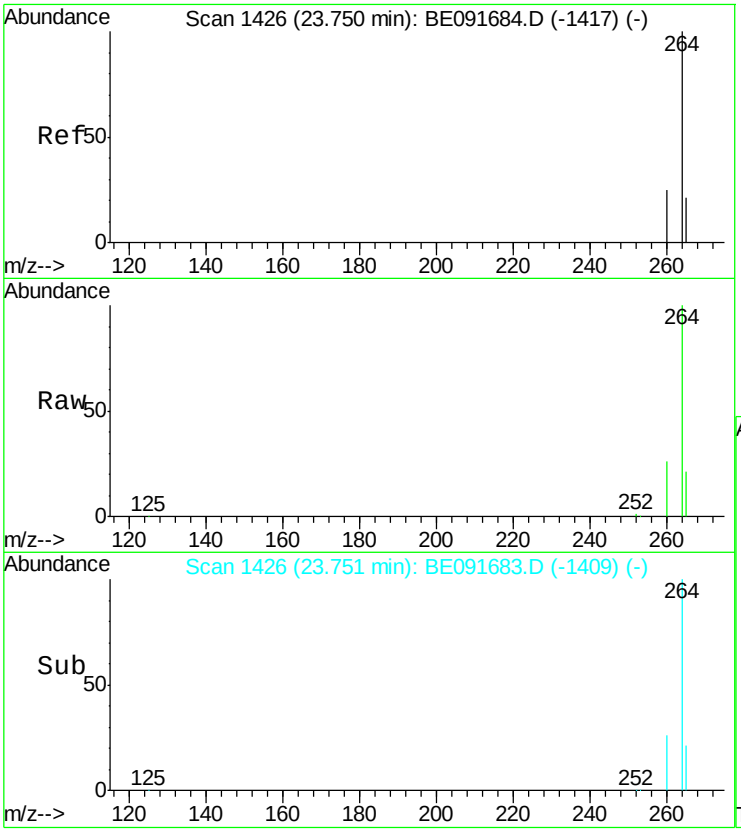


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 26.32 min Scan# 1646
Delta R.T. 0.01 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:276 Resp: 11610

Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.2
277	24.6	19.8	29.8



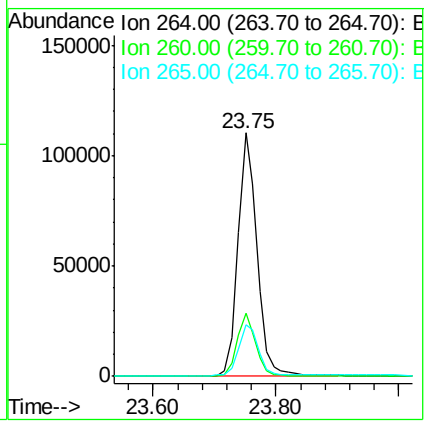


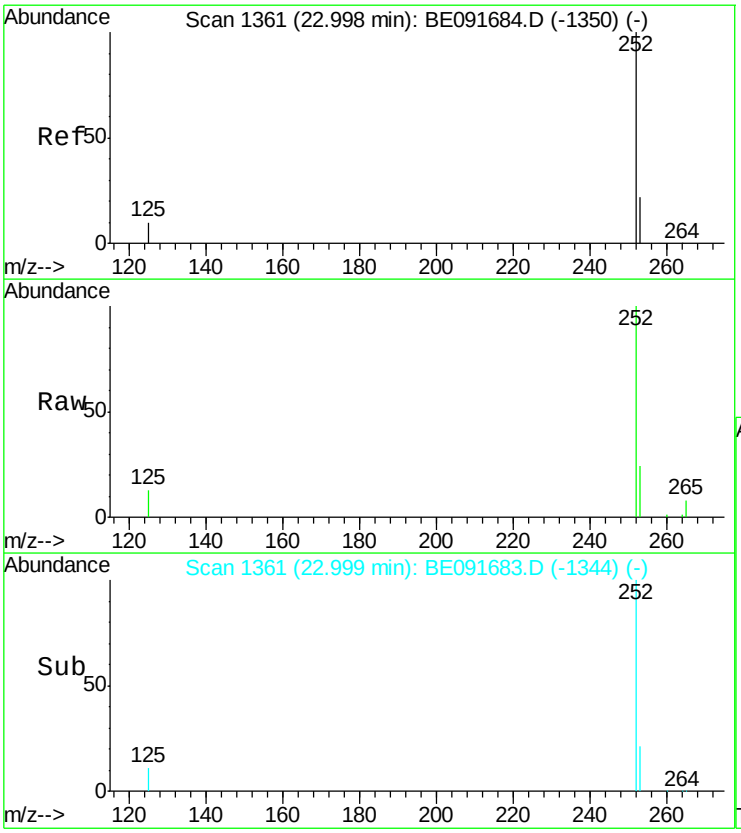
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 240059

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	21.2	17.5	26.3

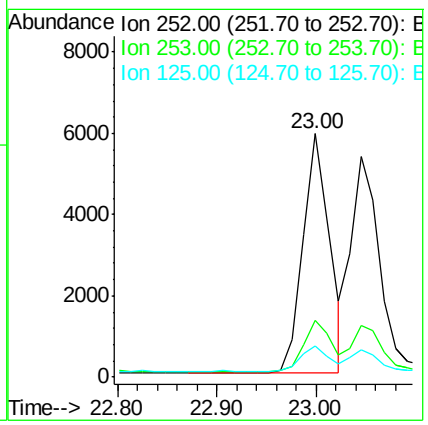


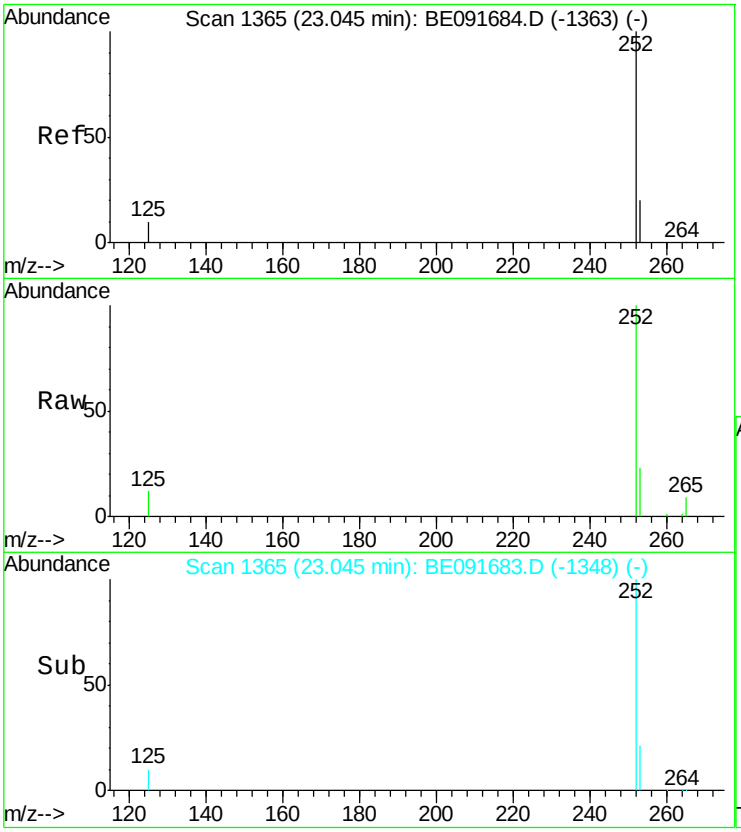


#36
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:252 Resp: 10967

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	13.0	10.2	15.2



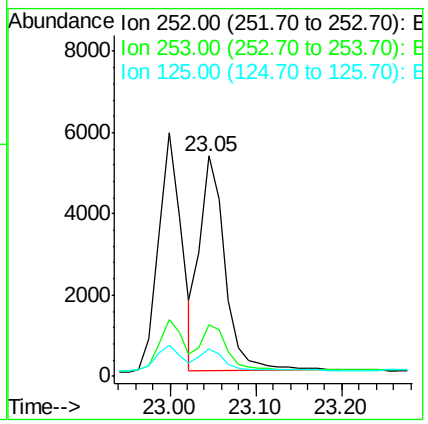


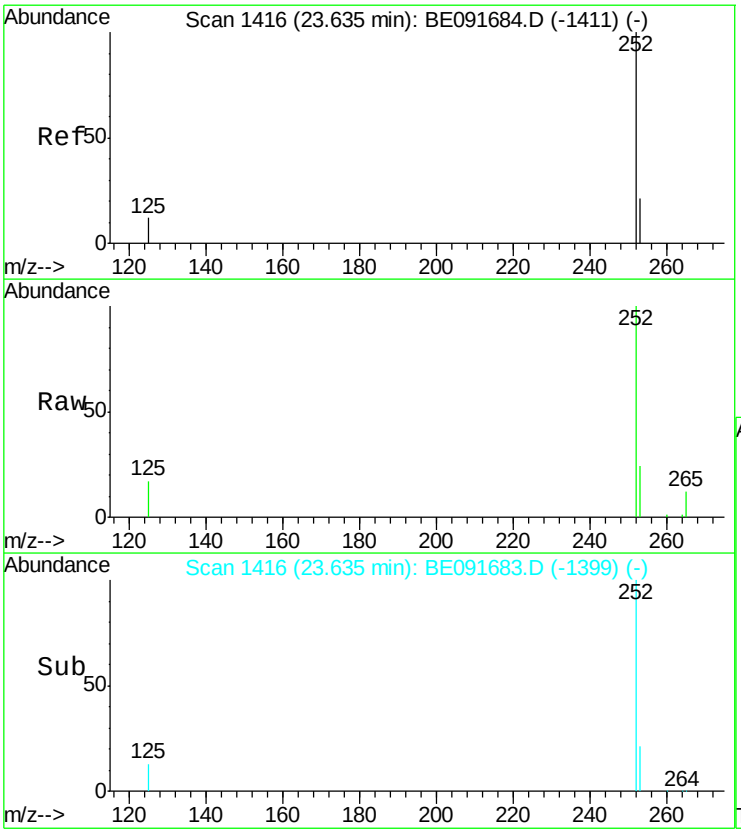
#37
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 23.05 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10775

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	12.2	9.9	14.9

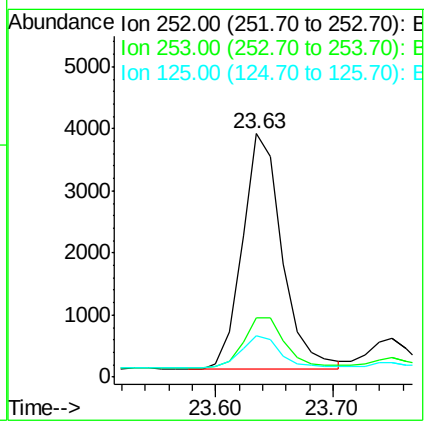


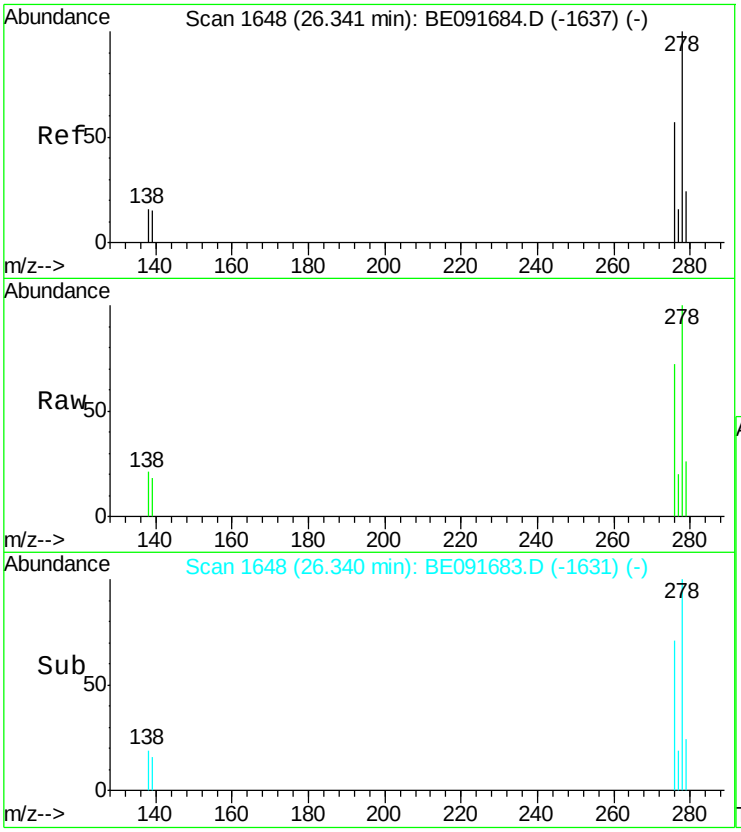


#38
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.63 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:252 Resp: 9016

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	17.1	11.0	16.4#



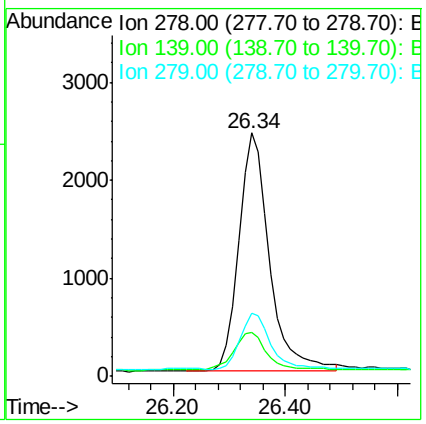


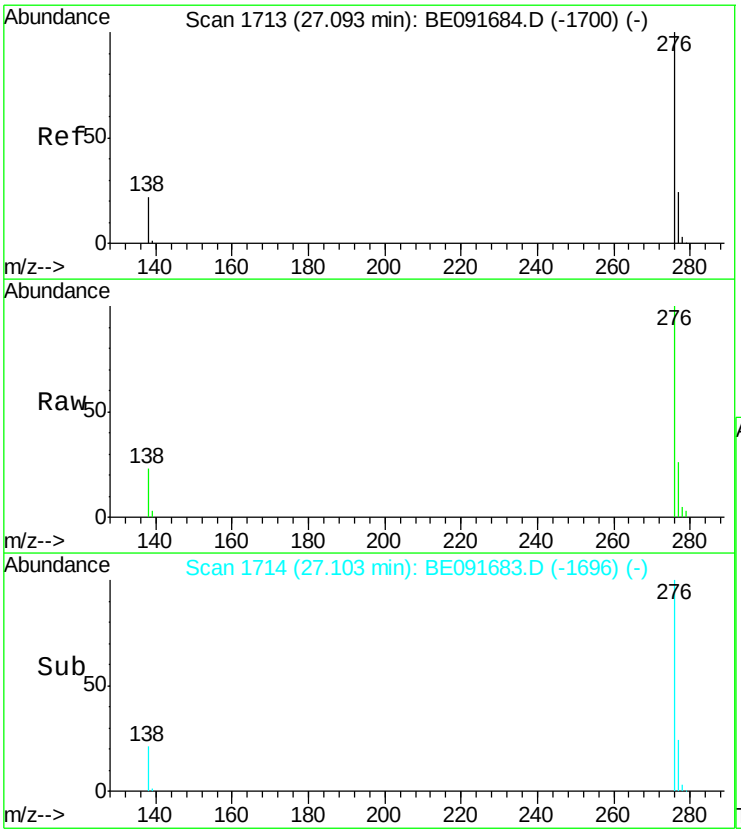
#39
Dibenzo(a,h)anthracene
Concen: 0.19 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 9366

Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.0	24.0
279	26.2	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 27.10 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BE091683.D
Acq: 20 Apr 2016 13:49

Tgt Ion:276 Resp: 9961

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	23.0	20.4	30.6