Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091704.D
Acq On : 26 Apr 2016 14:59
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 26 15:33:29 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35139	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	163140	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	98258	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	243962	5.00	ng		0.00
26) Chrysene-d12	21.31	240	309518	5.00	ng		0.00
35) Perylene-d12	23.75	264	274161	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	28173	3.62	ng		0.00
5) Phenol-d6	6.95	99	38531	3.66	ng		0.00
8) Nitrobenzene-d5	8.95	82	35880	4.12	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	13284	5.78	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	89274	3.29	ng		0.00
29) Terphenyl-d14	19.76	244	152332	3.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	13285	3.07	ng	#	90
3) n-Nitrosodimethylamine	3.63	42	20913	4.15	ng	#	92
6) bis(2-Chloroethyl)ether	7.21	93	32989	3.49	ng	#	76
9) Nitrobenzene	8.99	77	38519	4.42	ng		94
10) Naphthalene	10.61	128	106979	3.22	ng		96
11) Hexachlorobutadiene	10.92	225	17209	3.62	ng		97
12) 2-Methylnaphthalene	12.24	142	70444	3.30	ng	#	88
16) Acenaphthylene	14.12	152	138315	3.52	ng	#	86
17) Acenaphthene	14.47	154	82035	3.39	ng		93
18) Fluorene	15.46	166	103461	3.45	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	29140	3.50	ng		96
21) Hexachlorobenzene	16.45	284	28752	3.21	ng		97
22) Pentachlorophenol	16.79	266	15878	5.46	ng		88
23) Phenanthrene	17.18	178	181977	3.32	ng		99
24) Anthracene	17.28	178	174541	3.57	ng		98
25) Fluoranthene	19.19	202	199816	3.69	ng		97
27) Benzidine	19.38	184	79833	4.42	ng	#	76
28) Pyrene	19.55	202	227904	3.19	ng		99
30) Benzo(a)anthracene	21.29	228	494532	6.57	ng		97
31) 3,3'-Dichlorobenzidine	21.22	252	130324	4.13	ng	#	78
32) Chrysene	21.29	228	496244	6.05	ng		93
33) Bis(2-ethylhexyl)phthalate	21.22	149	74089	5.13	ng	#	87
34) Indeno(1,2,3-cd)pyrene	26.31	276	229795	3.13	ng		97
36) Benzo(b)fluoranthene	23.04	252	213262	3.24	ng		97
37) Benzo(k)fluoranthene	23.04	252	216200	3.34	ng		97
38) Benzo(a)pyrene	23.63	252	201702	3.55	ng		96
39) Dibenzo(a,h)anthracene	26.33	278	191736	3.29	ng		96
40) Benzo(g,h,i)perylene	27.09	276	190714	3.19	ng		97

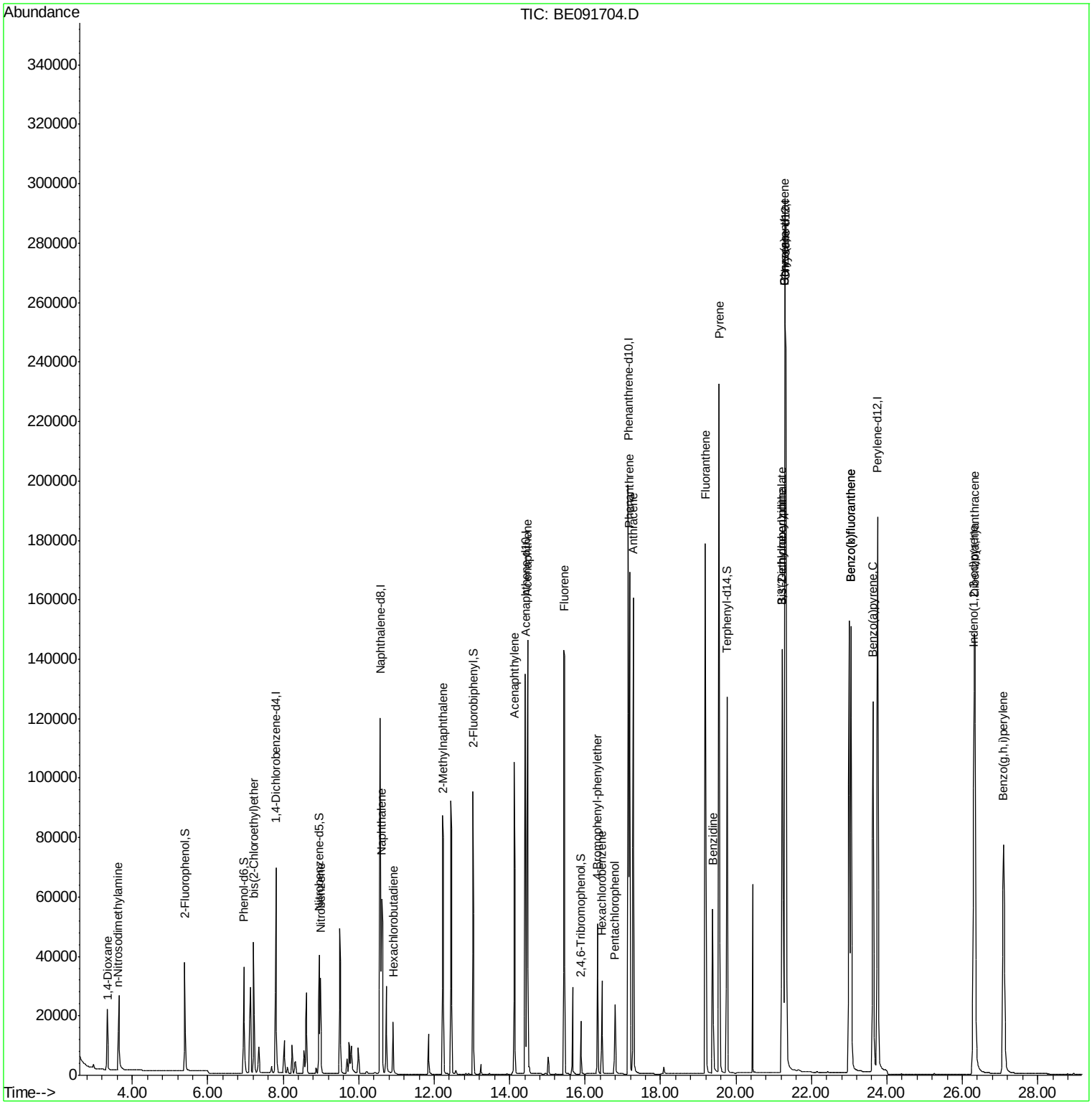
(#) = qualifier out of range (m) = manual integration (+) = signals summed

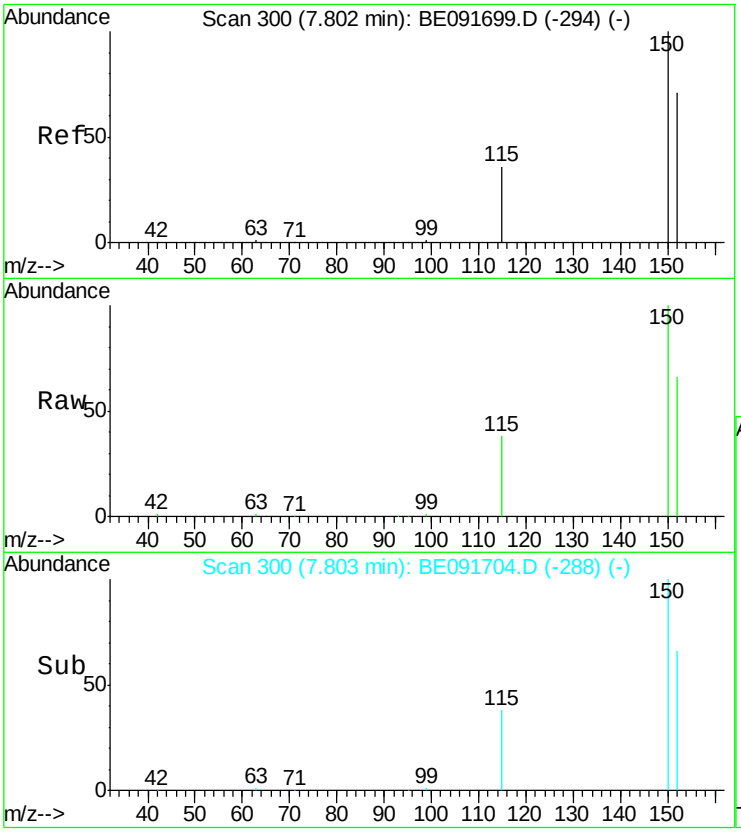
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091704.D
Acq On : 26 Apr 2016 14:59
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 26 15:33:29 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration



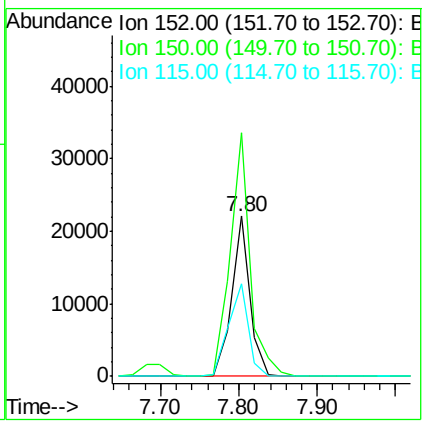


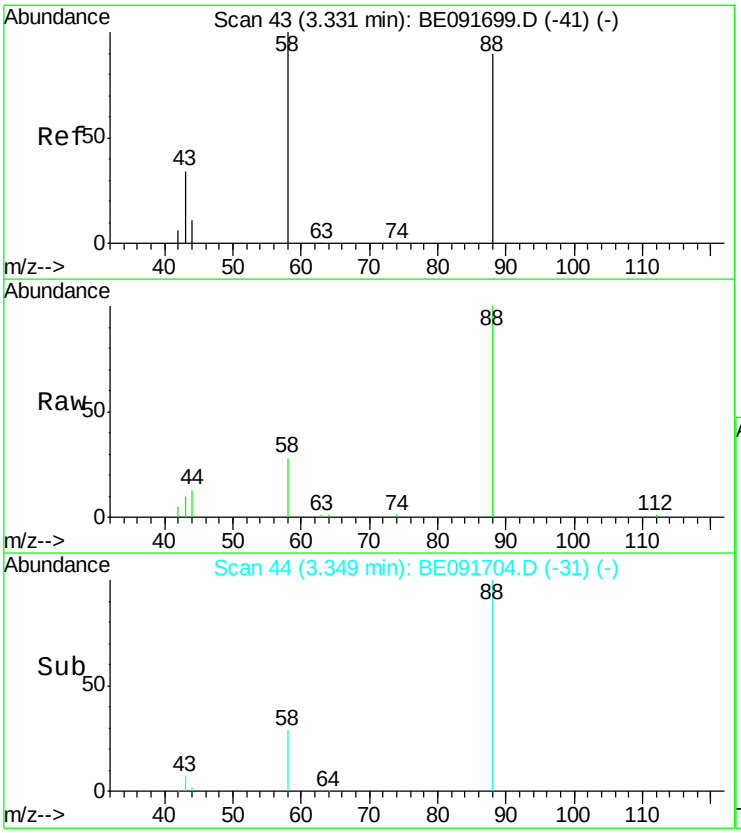
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 35139

Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.6	183.8
115	57.9	52.8	79.2

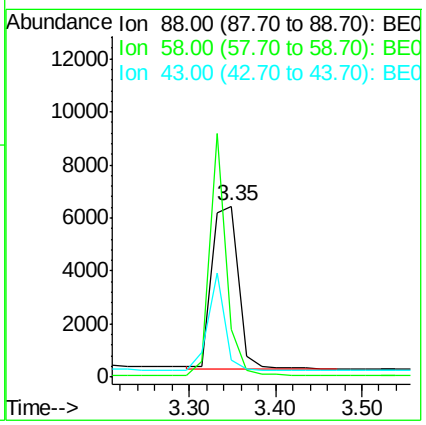


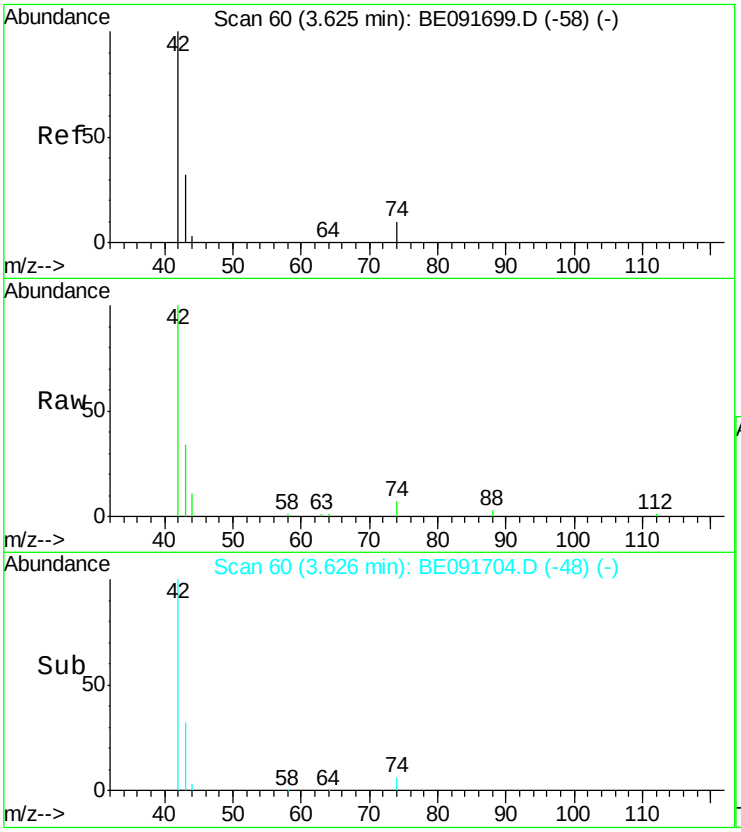


#2
1,4-Dioxane
Concen: 3.07 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.02 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion: 88 Resp: 13285

Ion	Ratio	Lower	Upper
88	100		
58	91.0	65.8	98.6
43	38.2	25.3	37.9#



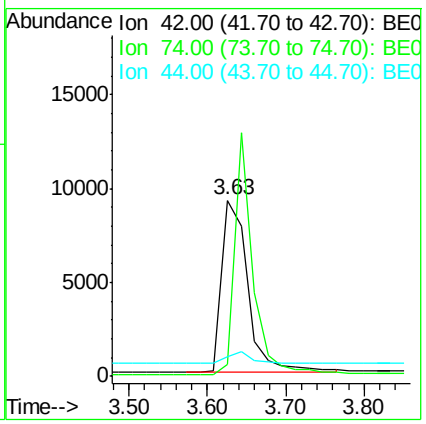


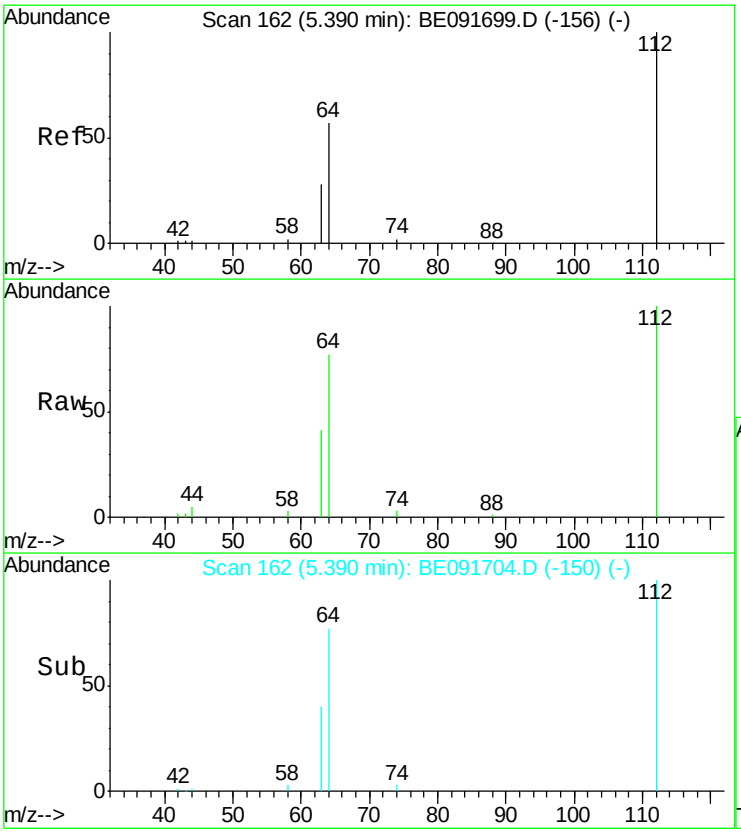
#3
n-Nitrosodimethylamine
Concen: 4.15 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 20913

Ion	Ratio	Lower	Upper
42	100		
74	101.1	87.9	131.9
44	5.9	6.6	9.8#

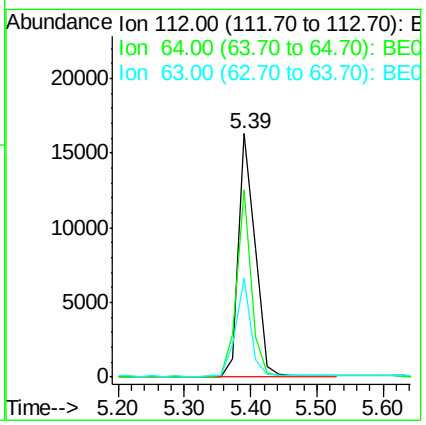


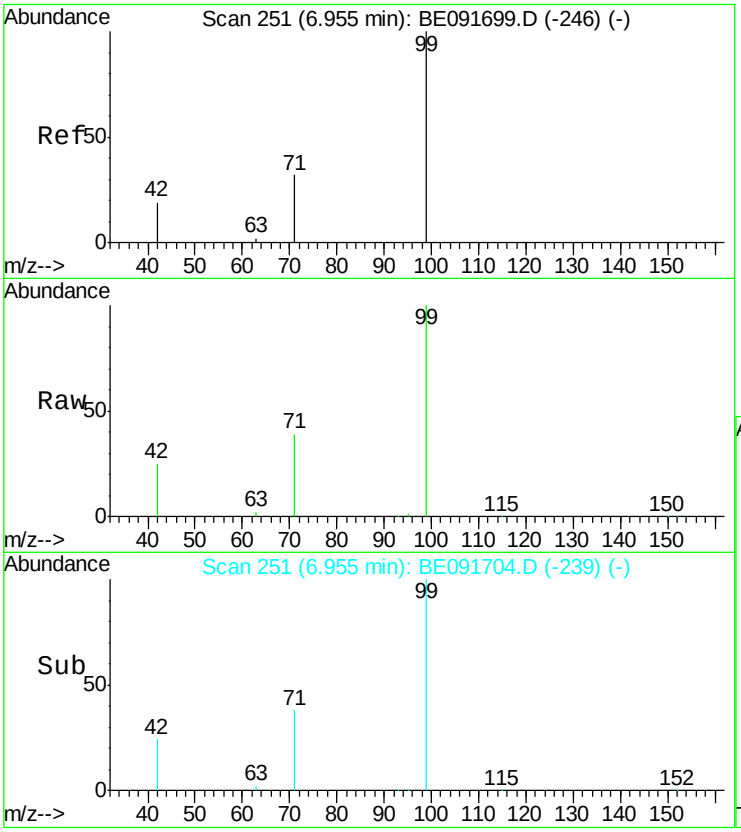


#4
2-Fluorophenol
Concen: 3.62 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:112 Resp: 28173

Ion	Ratio	Lower	Upper
112	100		
64	67.8	30.9	46.3#
63	37.0	16.7	25.1#



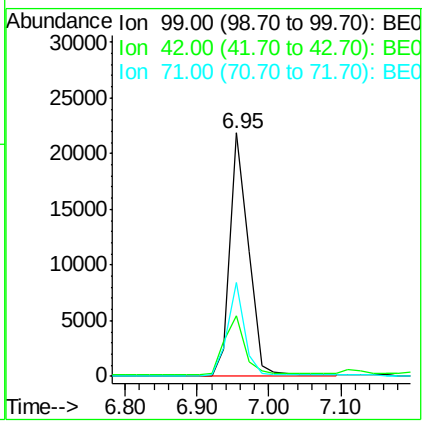


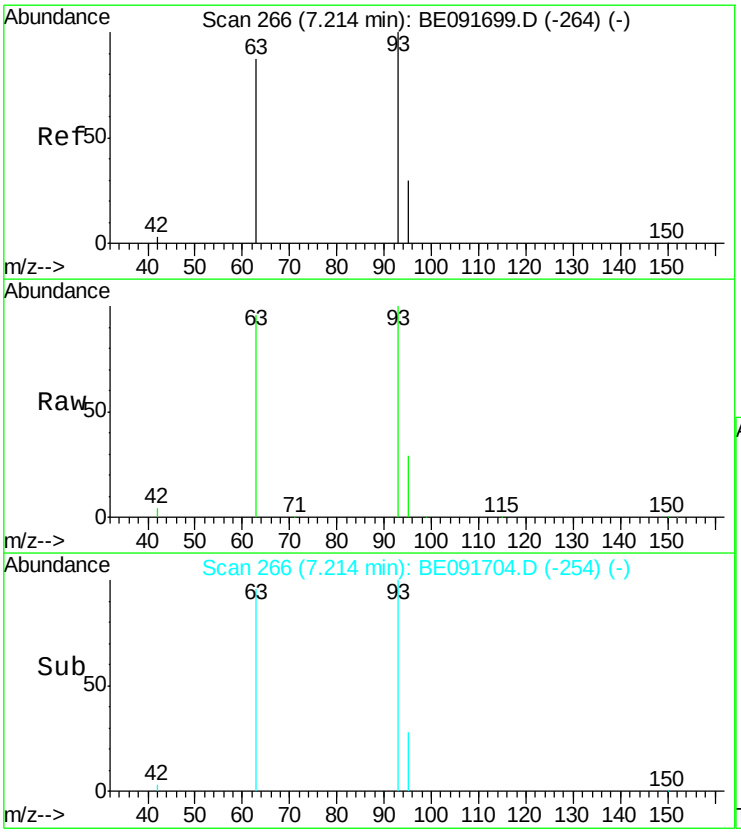
#5
Phenol-d6
Concen: 3.66 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 38531

Ion	Ratio	Lower	Upper
99	100		
42	26.5	16.2	24.2#
71	35.7	29.0	43.4

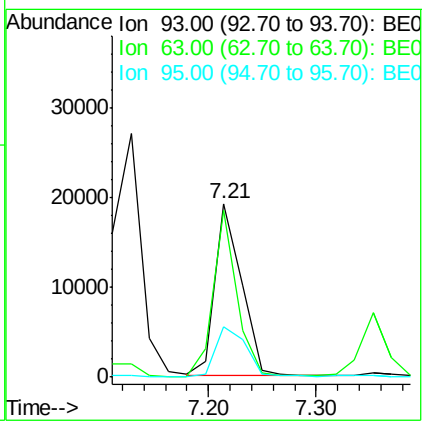


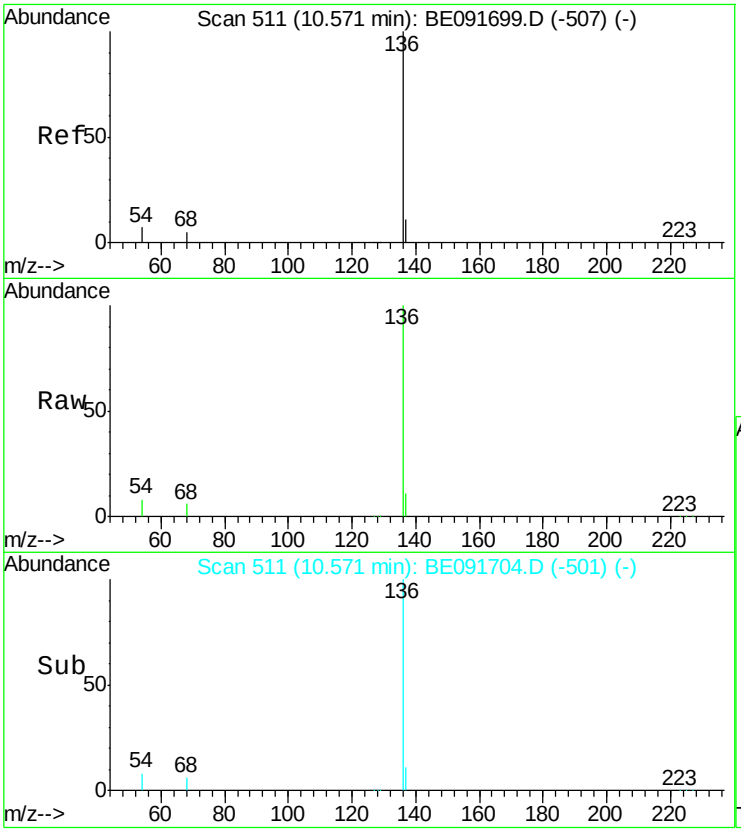


#6
bis(2-Chloroethyl)ether
Concen: 3.49 ng
RT: 7.21 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion: 93 Resp: 32989

Ion	Ratio	Lower	Upper
93	100		
63	85.7	49.5	74.3#
95	32.3	22.2	33.4



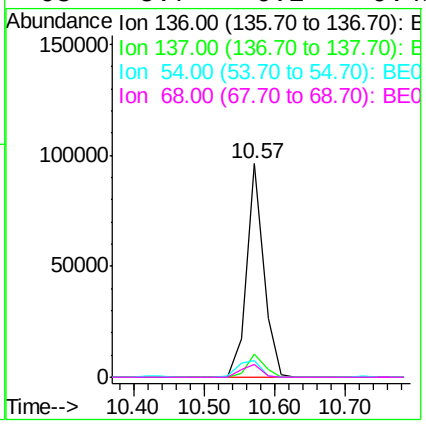


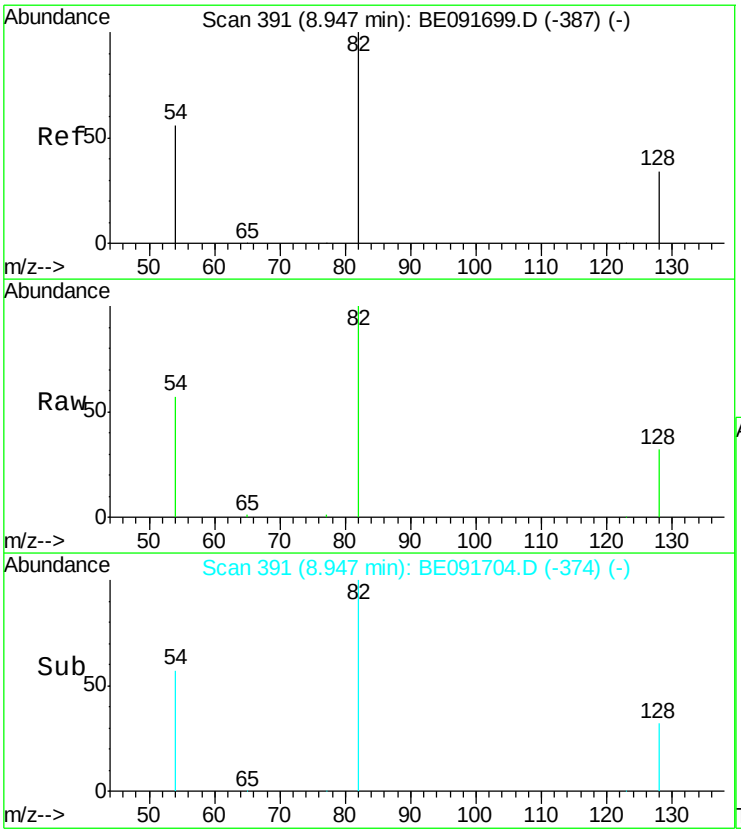
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 163140

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	8.2	12.4#
68	5.7	6.2	9.4#

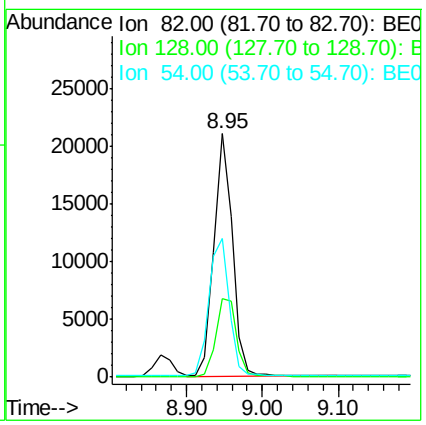


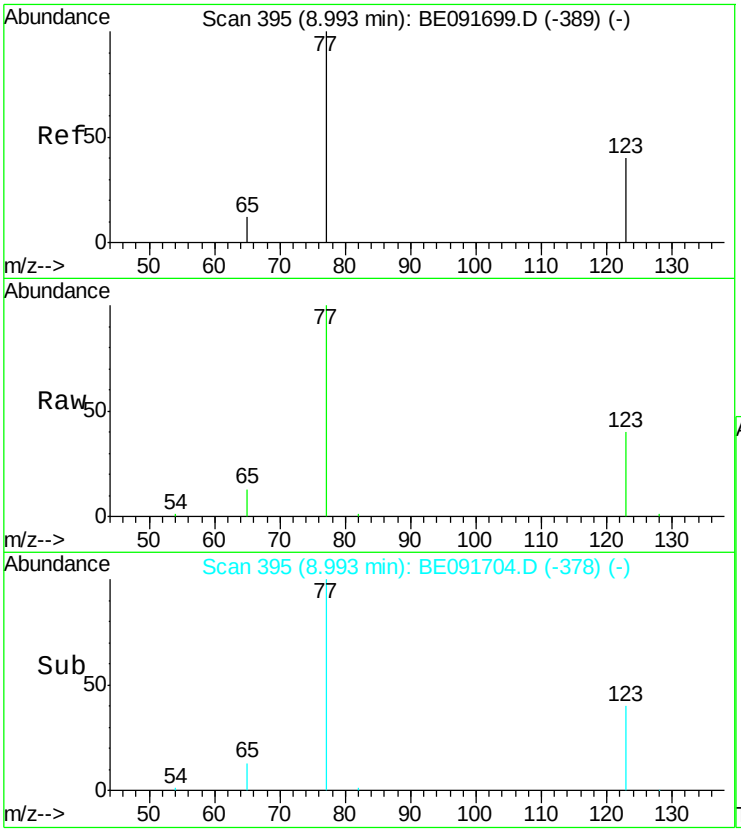


#8
Nitrobenzene-d5
Concen: 4.12 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion: 82 Resp: 35880

Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.4	38.0
54	57.1	48.4	72.6



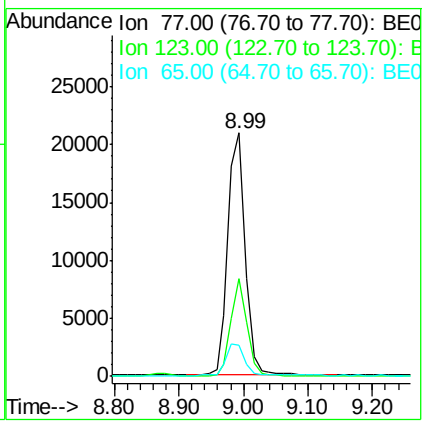


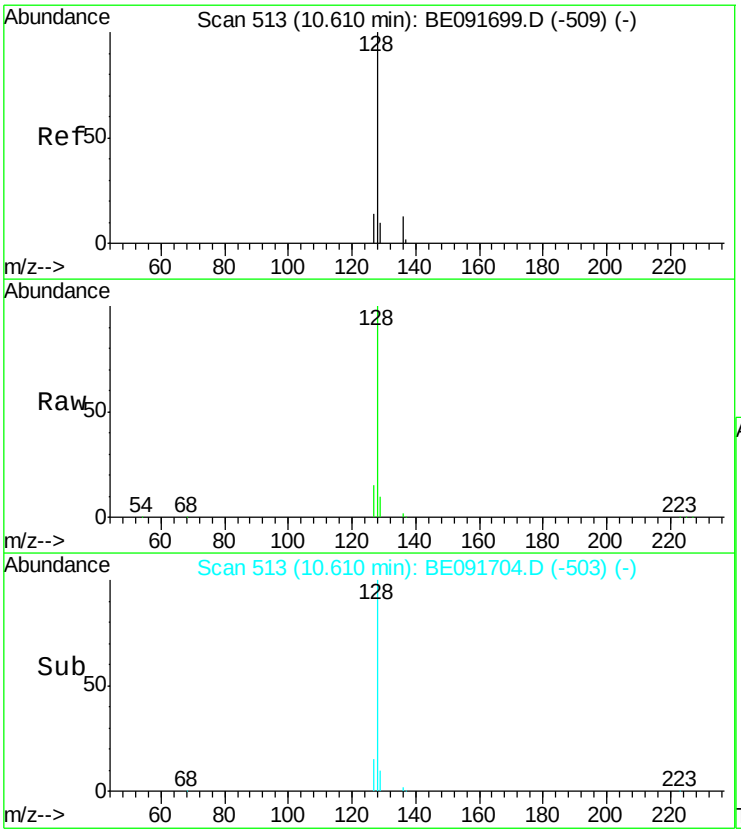
#9
Nitrobenzene
Concen: 4.42 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 77 Resp: 38519

Ion	Ratio	Lower	Upper
77	100		
123	37.1	26.9	40.3
65	14.0	9.4	14.2

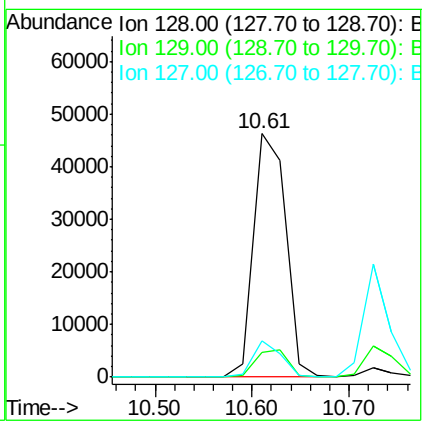


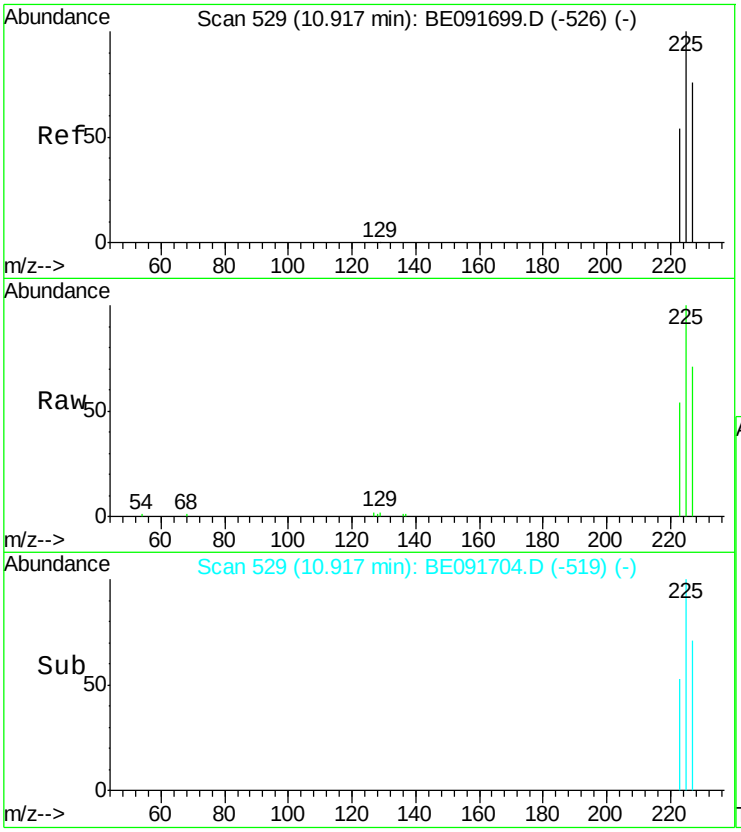


#10
Naphthalene
Concen: 3.22 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:128 Resp: 106979

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.3	13.9
127	15.0	10.7	16.1



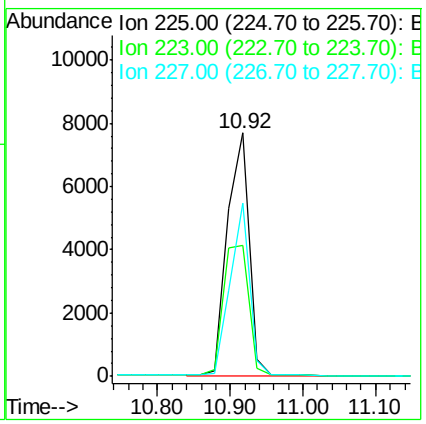


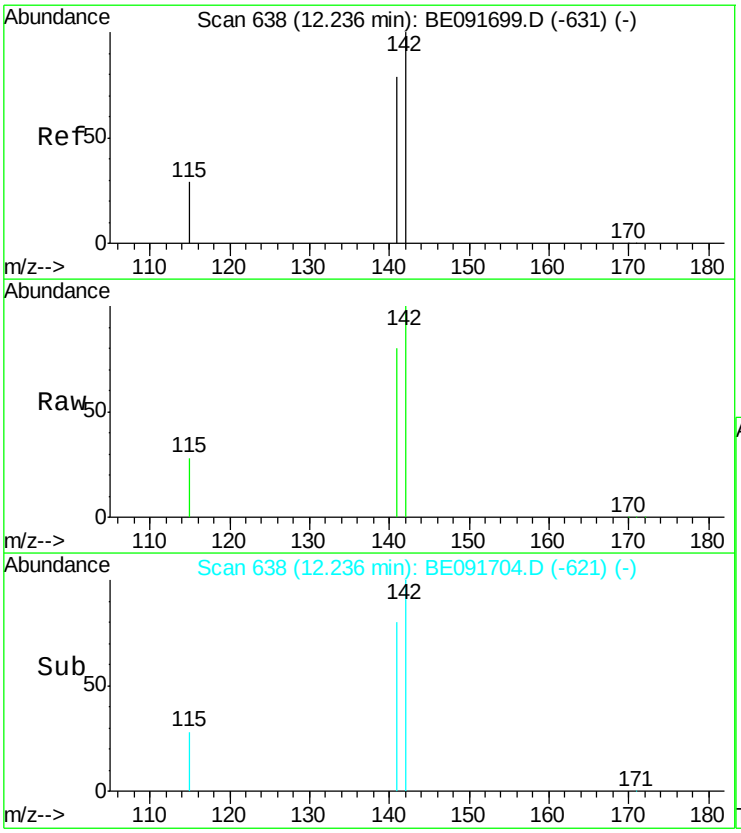
#11
Hexachlorobutadiene
Concen: 3.62 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:225 Resp: 17209

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.0	73.6
227	64.7	50.3	75.5

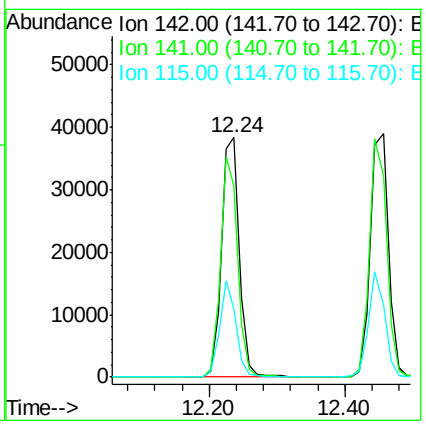


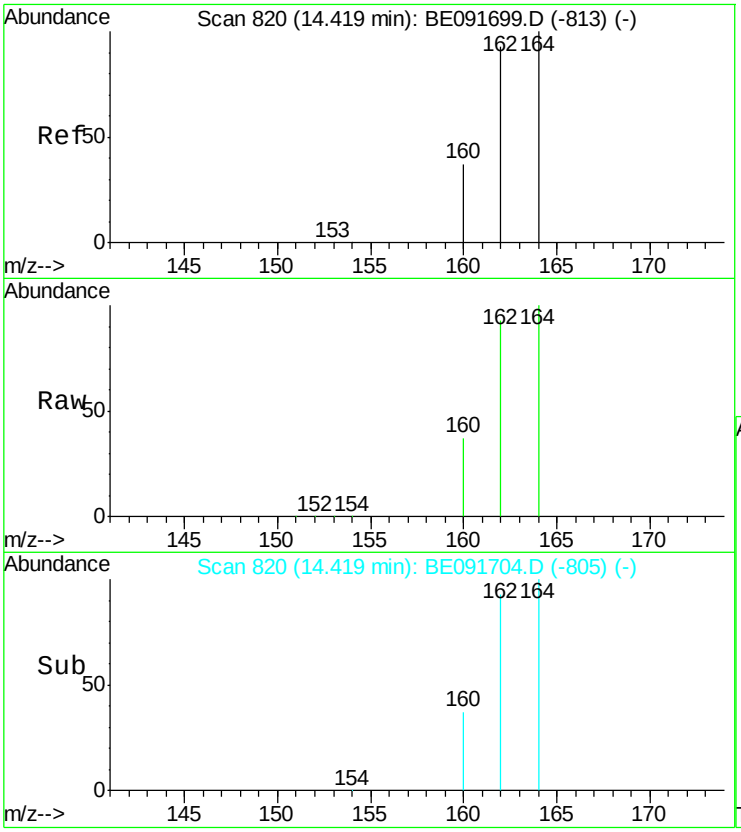


#12
2-Methylnaphthalene
Concen: 3.30 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:142 Resp: 70444

Ion	Ratio	Lower	Upper
142	100		
141	79.9	71.4	107.0
115	28.3	30.3	45.5#



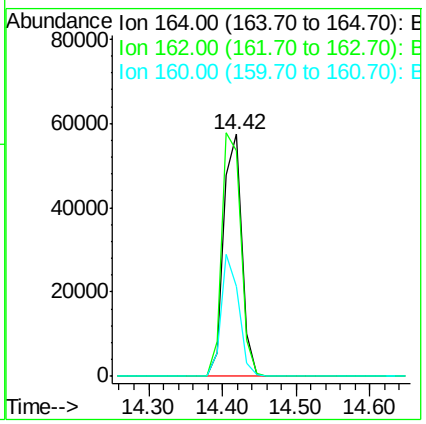


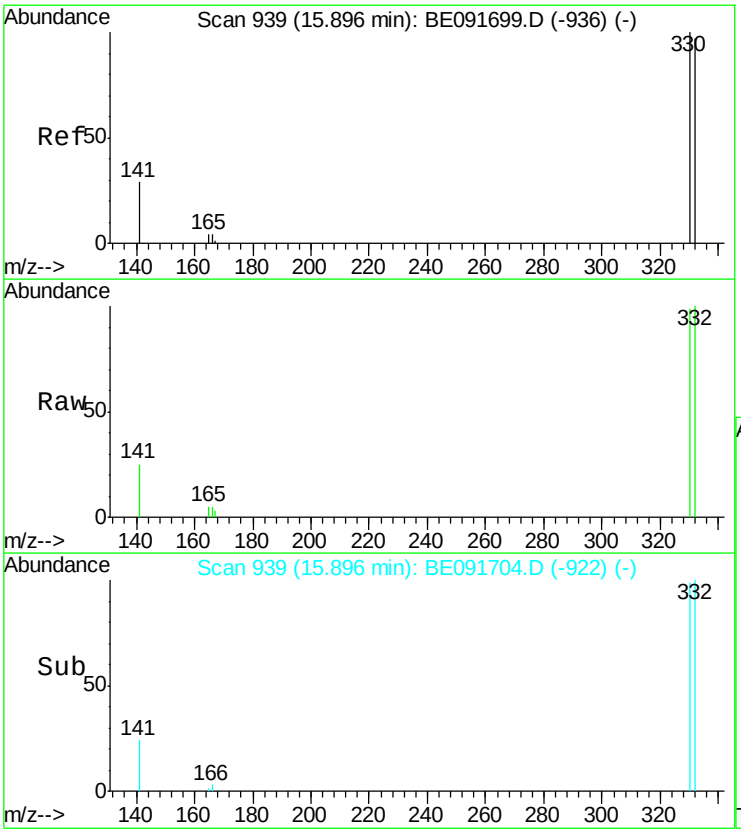
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 98258

Ion	Ratio	Lower	Upper
164	100		
162	93.4	85.3	127.9
160	37.1	46.2	69.2#

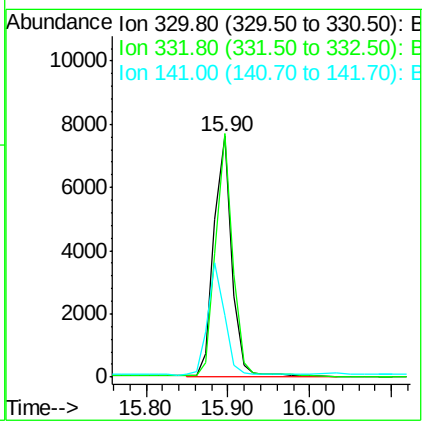


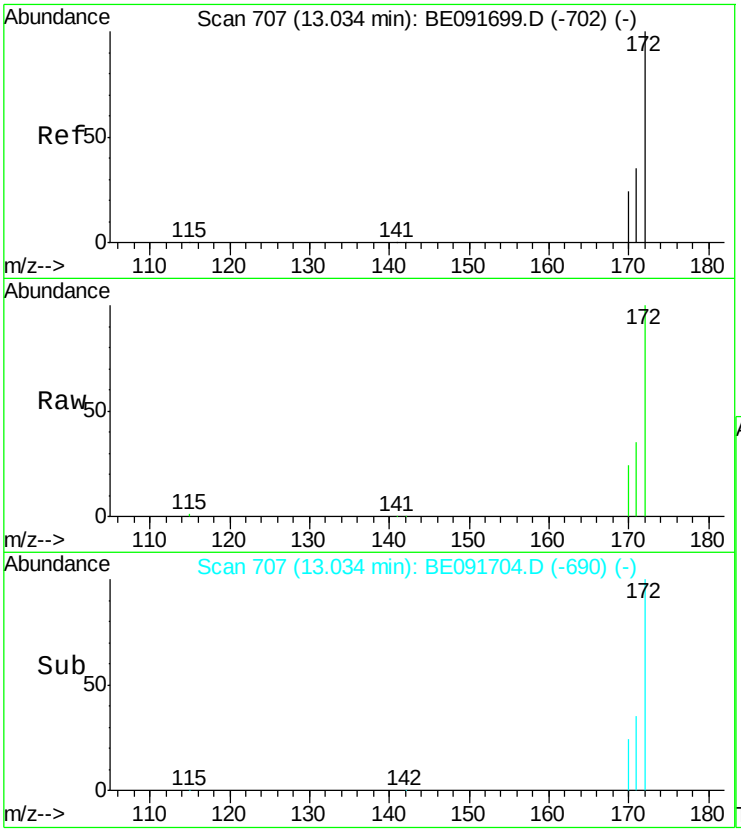


#14
2,4,6-Tribromophenol
Concen: 5.78 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:330 Resp: 13284

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	38.4	125.4	188.0#



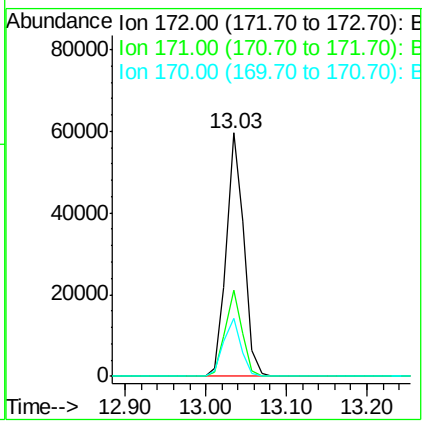


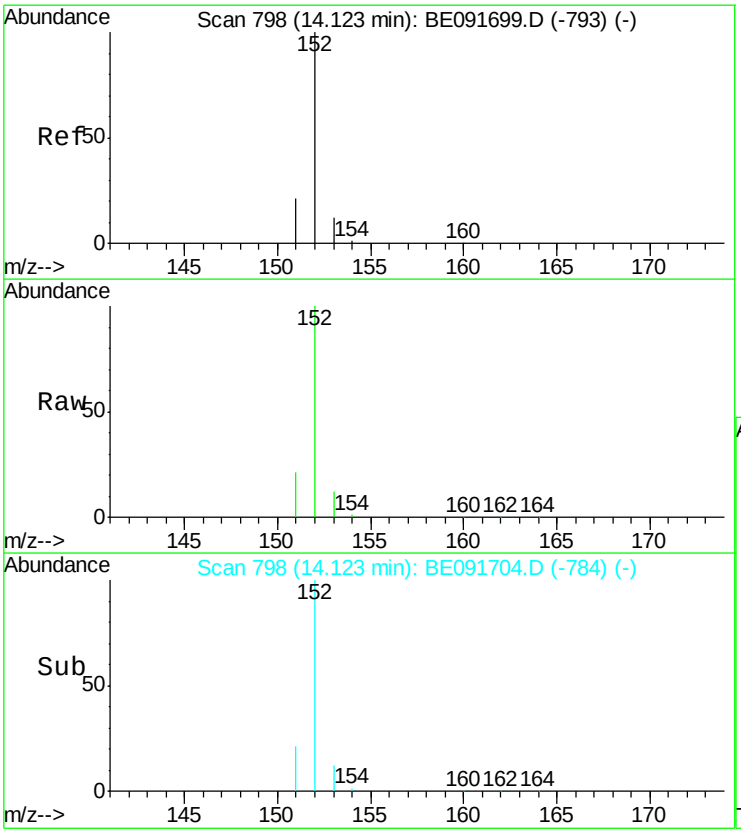
#15
2-Fluorobiphenyl
Concen: 3.29 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 89274

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.9	19.3	28.9

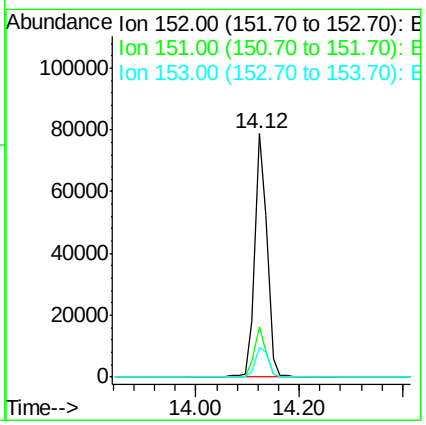


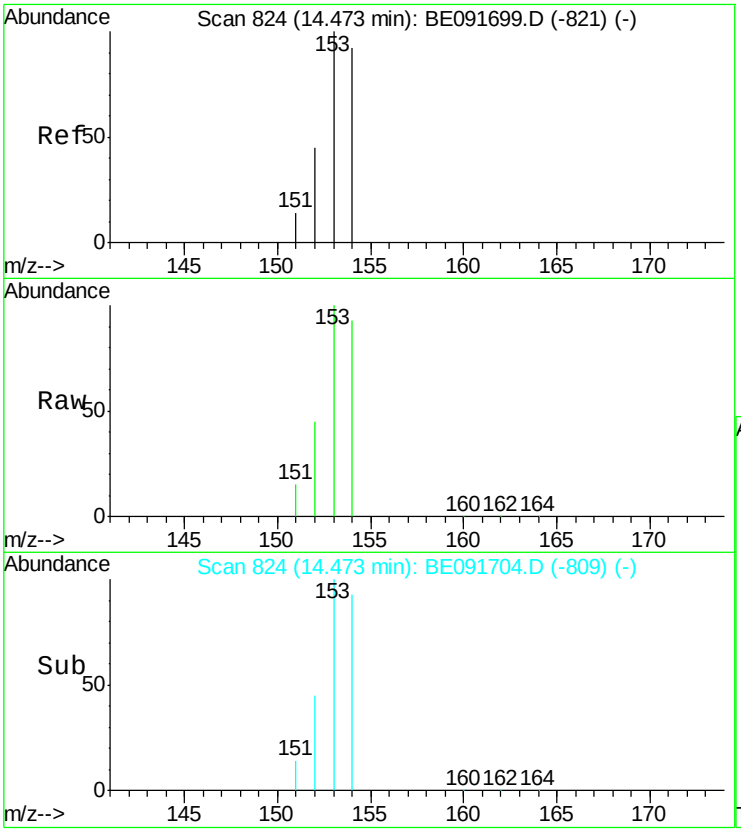


#16
Acenaphthylene
Concen: 3.52 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:152 Resp: 138315

Ion	Ratio	Lower	Upper
152	100		
151	20.1	3.9	5.9#
153	13.6	10.3	15.5



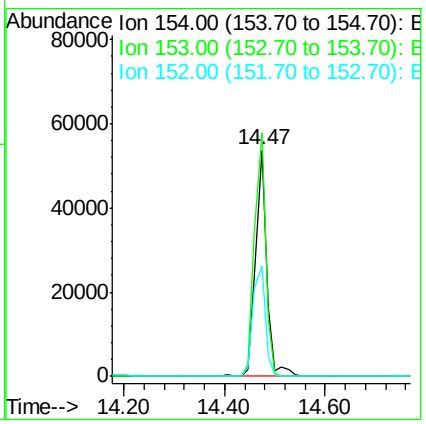


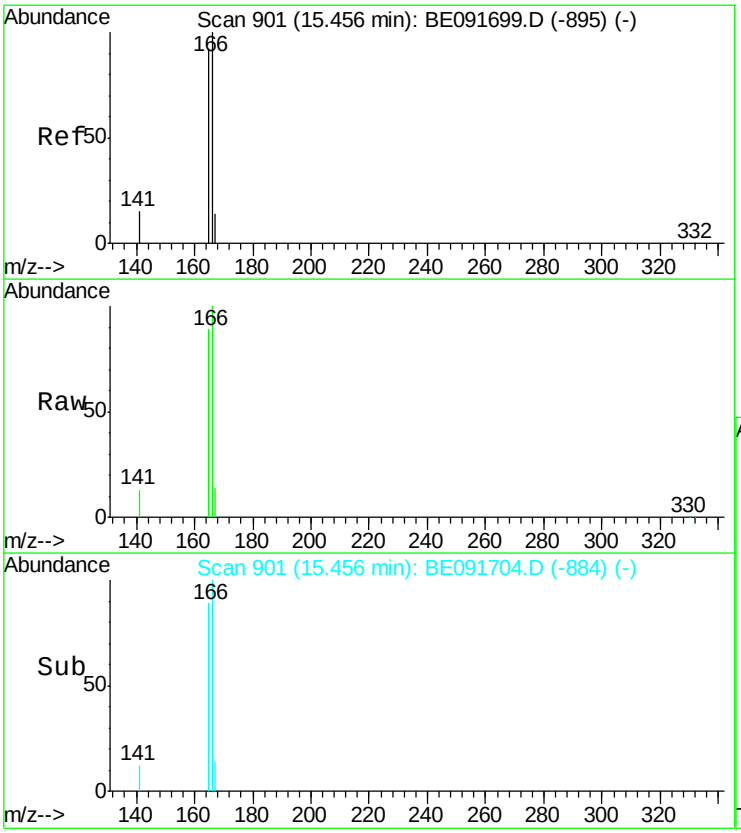
#17
Acenaphthene
Concen: 3.39 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 82035

Ion	Ratio	Lower	Upper
154	100		
153	107.7	80.0	120.0
152	53.3	40.0	60.0

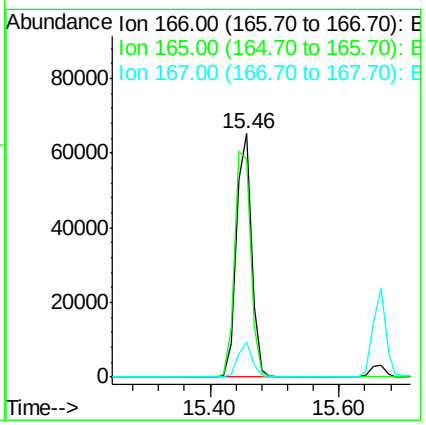


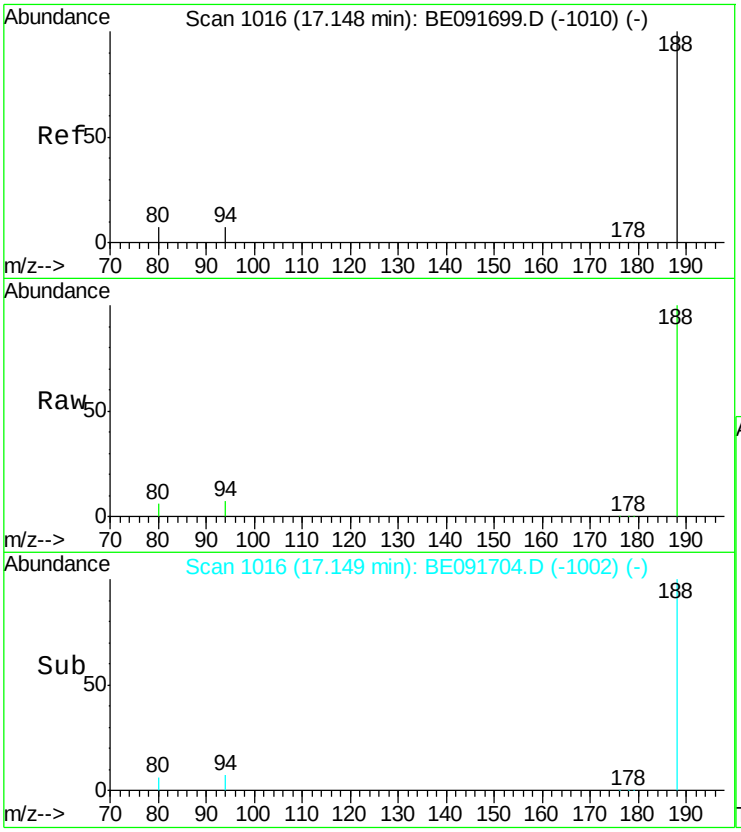


#18
Fluorene
Concen: 3.45 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:166 Resp: 103461

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.8	121.2
167	13.3	10.9	16.3



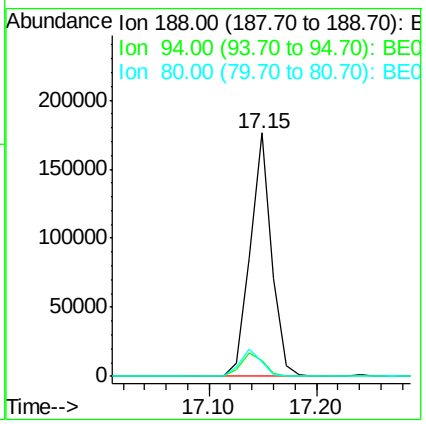


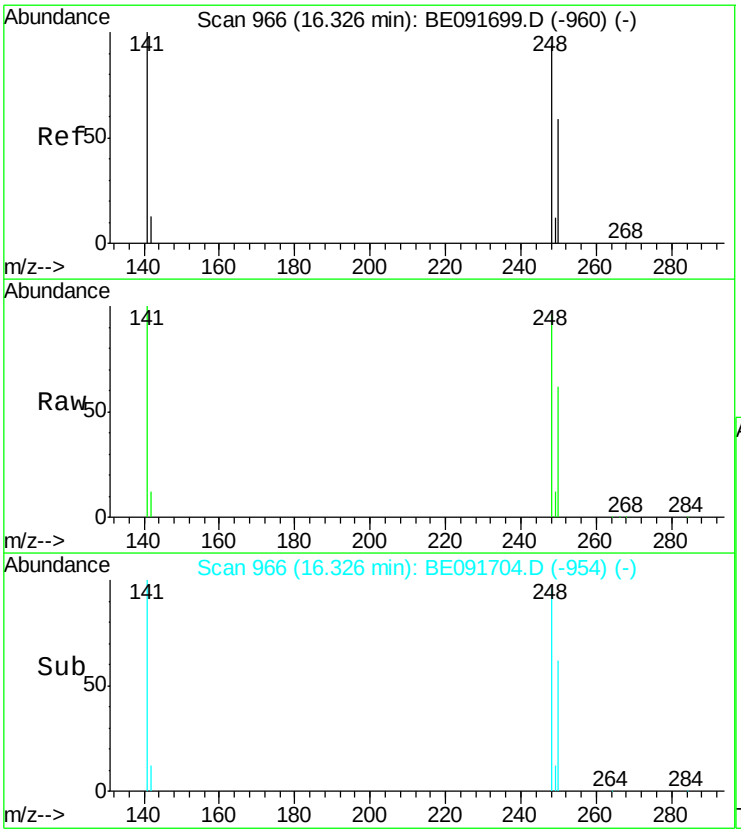
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 243962

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	5.9	9.4	14.0#

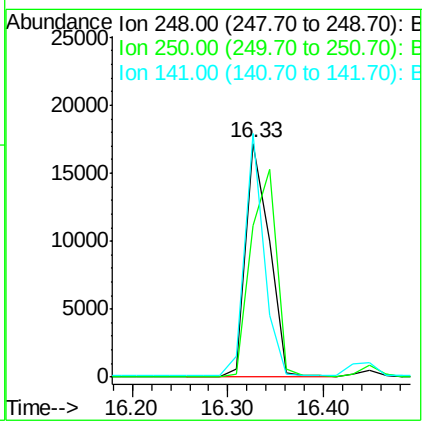


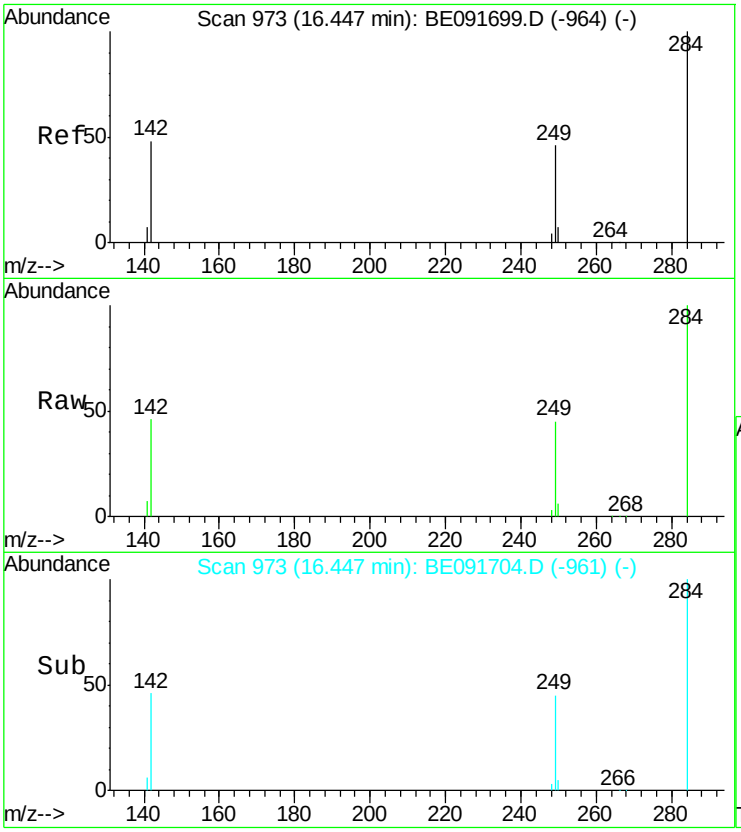


#20
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:248 Resp: 29140

Ion	Ratio	Lower	Upper
248	100		
250	97.0	80.5	120.7
141	85.2	72.0	108.0



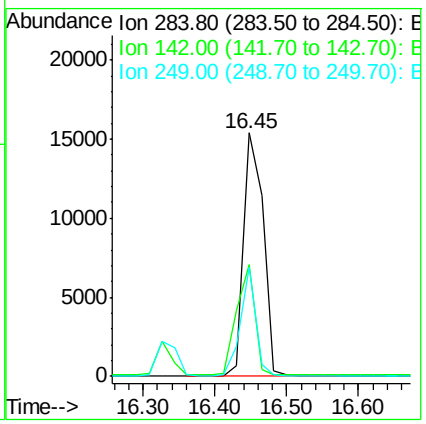


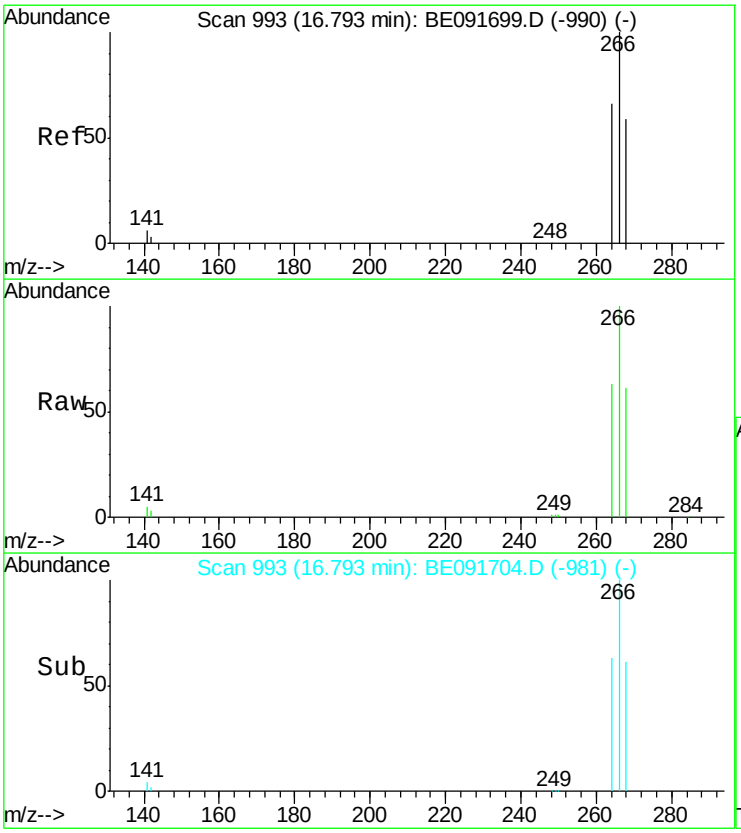
#21
Hexachlorobenzene
Concen: 3.21 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 28752

Ion	Ratio	Lower	Upper
284	100		
142	41.8	32.2	48.2
249	34.2	25.4	38.2

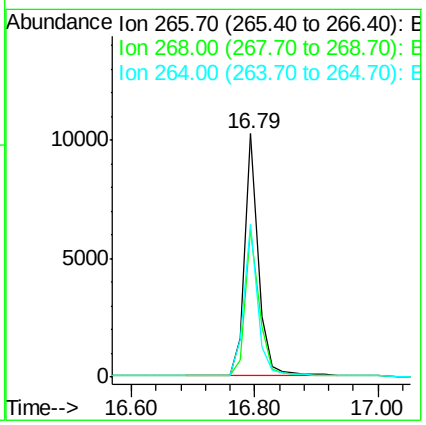


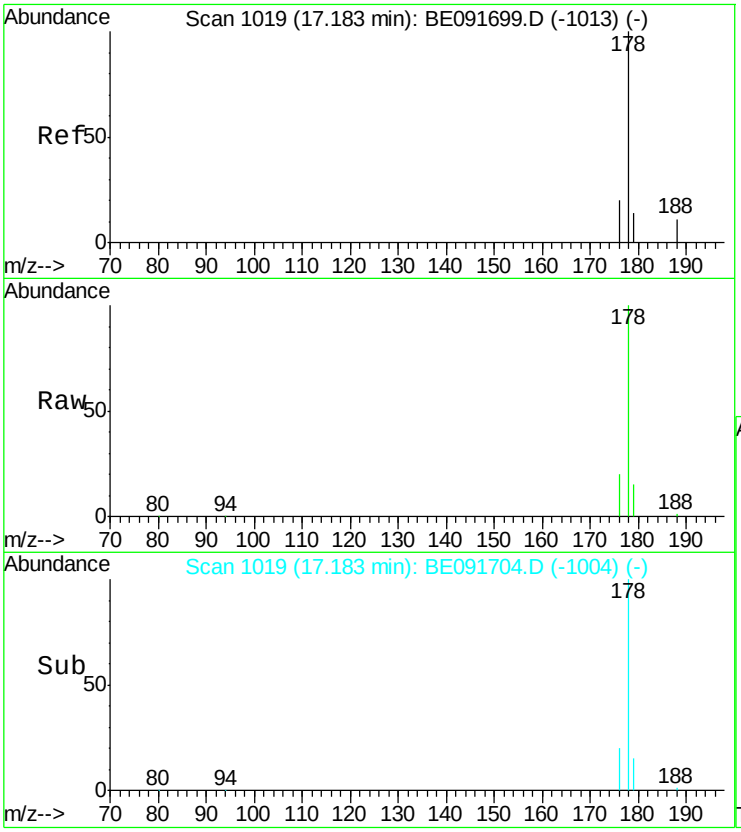


#22
Pentachlorophenol
Concen: 5.46 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:266 Resp: 15878

Ion	Ratio	Lower	Upper
266	100		
268	60.9	58.2	87.2
264	63.0	56.2	84.4



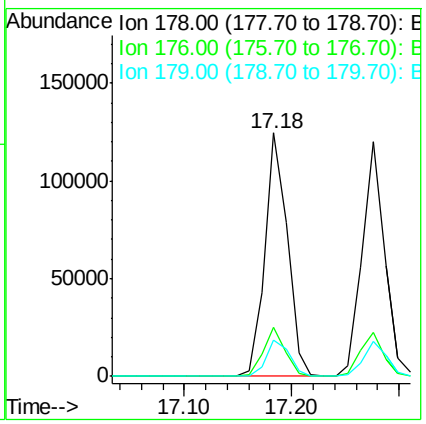


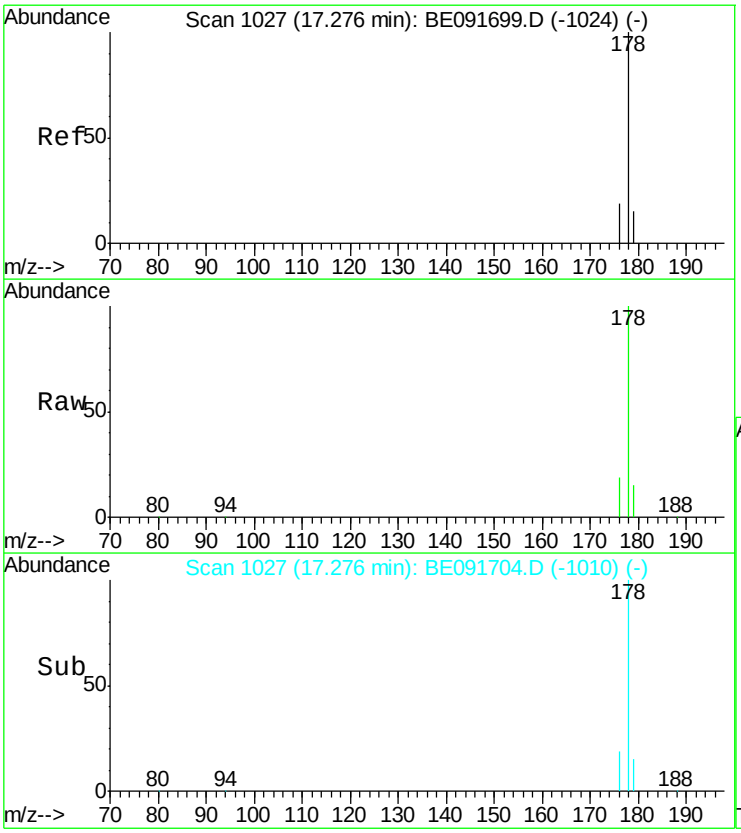
#23
Phenanthrene
Concen: 3.32 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 181977

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.6	18.8

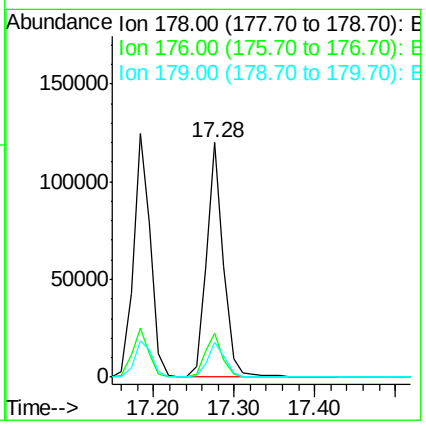


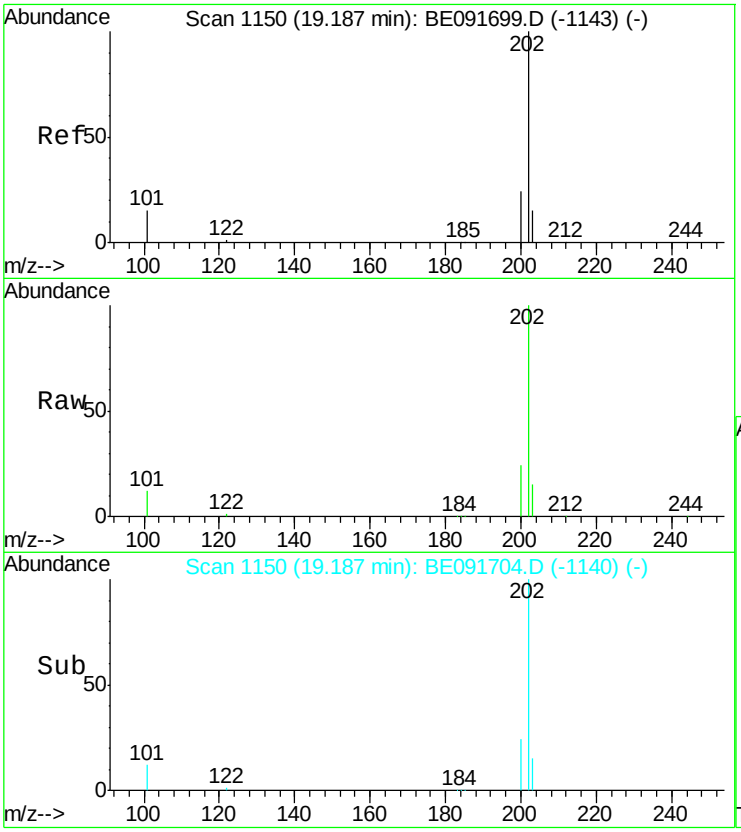


#24
Anthracene
Concen: 3.57 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:178 Resp: 174541

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.2	11.8	17.6



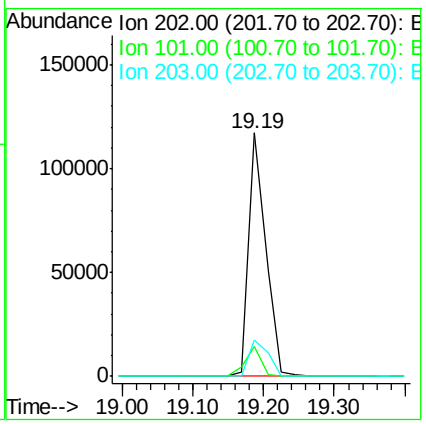


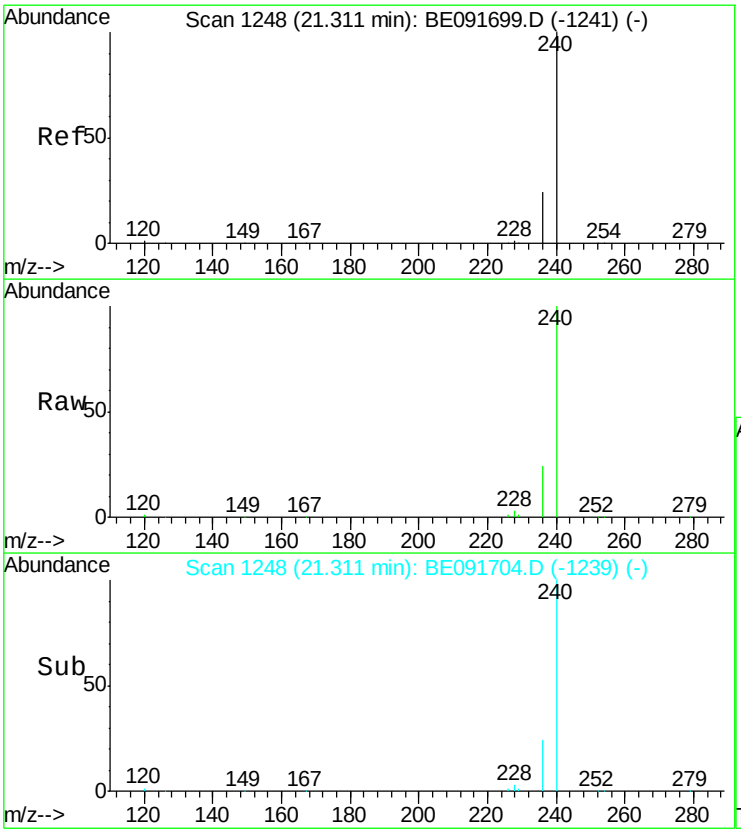
#25
Fluoranthene
Concen: 3.69 ng
RT: 19.19 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 199816

Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.0	16.6
203	17.0	13.9	20.9

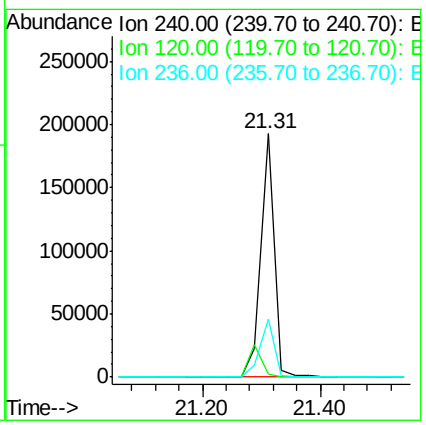


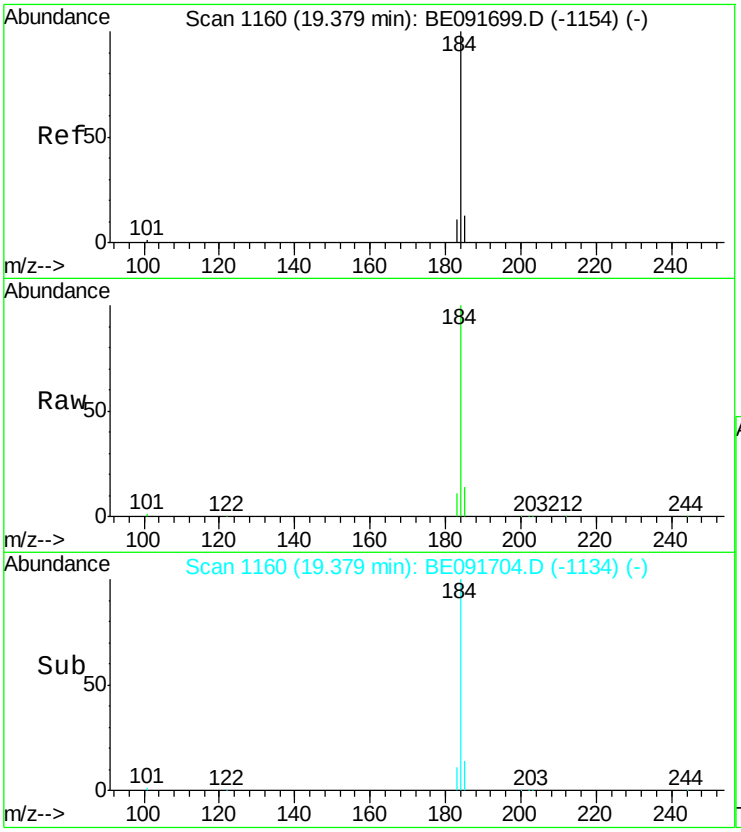


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:240 Resp: 309518

Ion	Ratio	Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	24.0	21.7	32.5



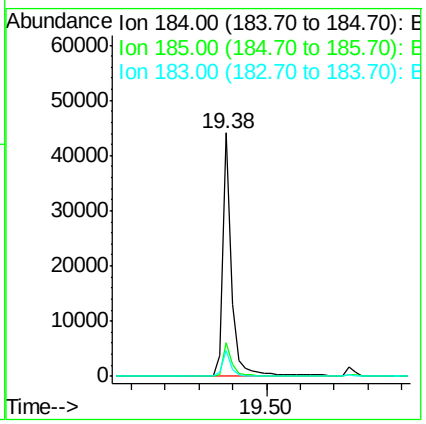


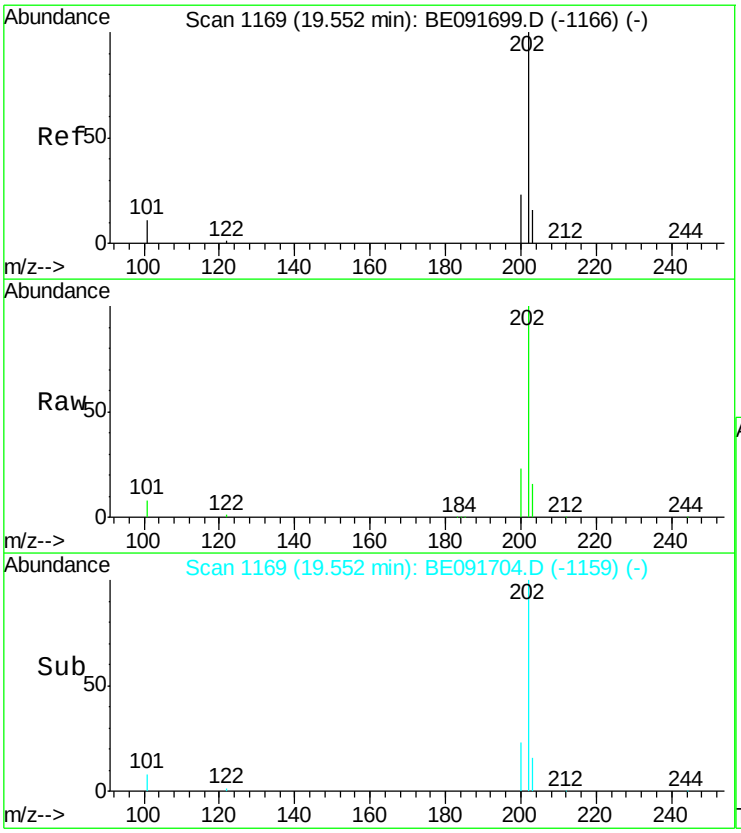
#27
Benzidine
Concen: 4.42 ng
RT: 19.38 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:184 Resp: 79833

Ion	Ratio	Lower	Upper
184	100		
185	13.6	22.3	33.5#
183	10.9	16.4	24.6#

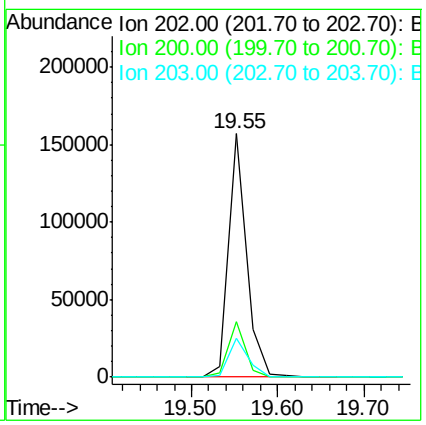


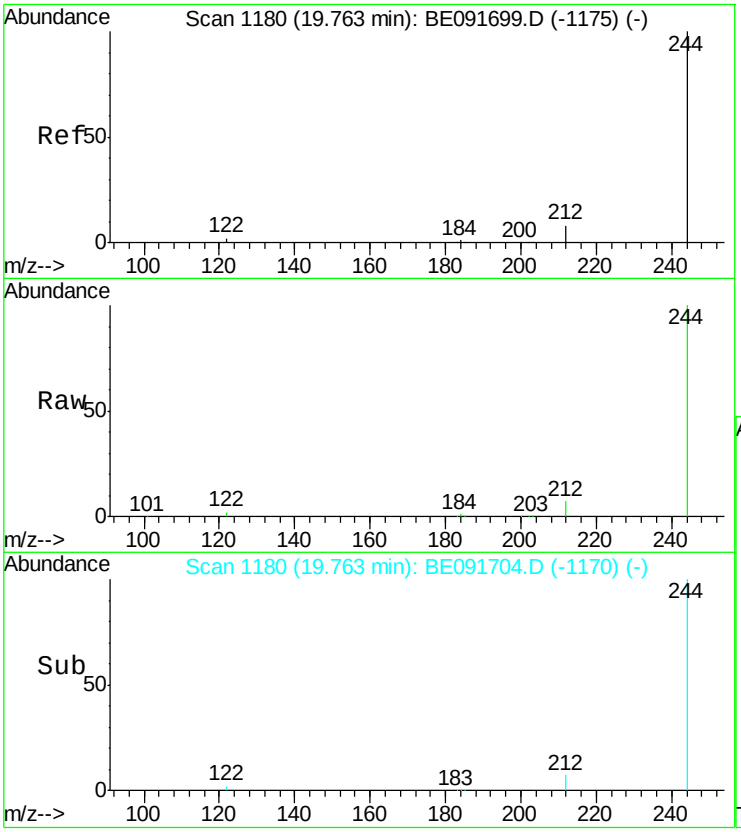


#28
Pyrene
Concen: 3.19 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:202 Resp: 227904

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	17.2	14.0	21.0



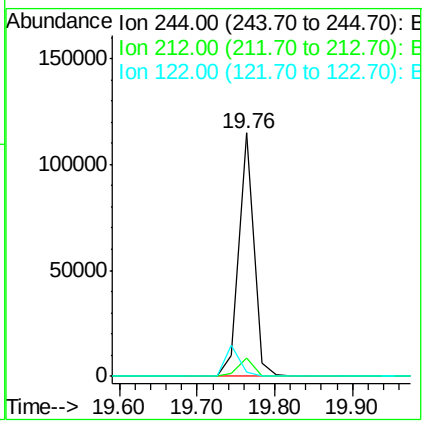


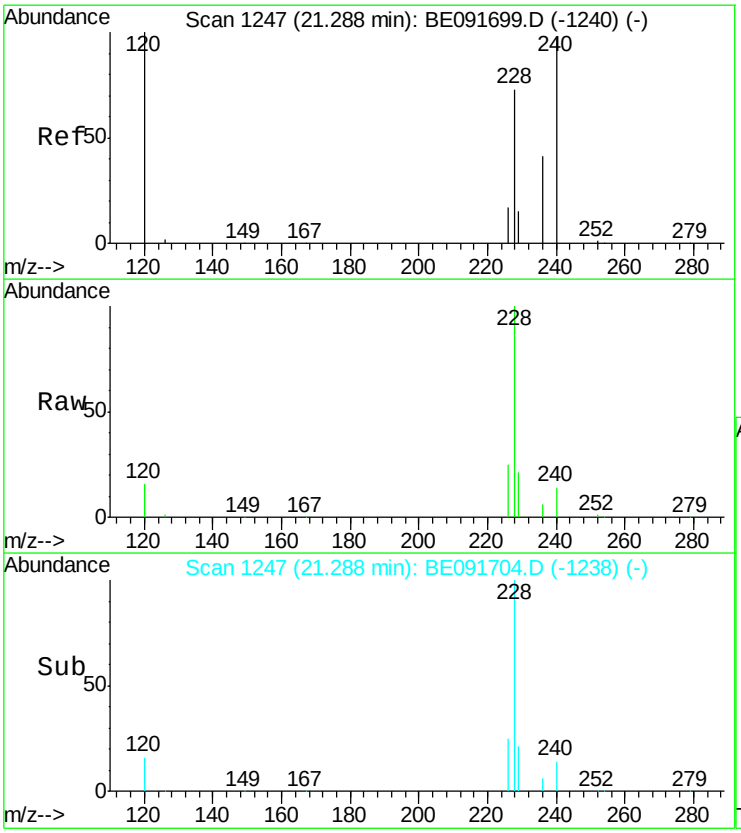
#29
Terphenyl-d14
Concen: 3.10 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 152332

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.9	10.3
122	1.6	11.0	16.4#

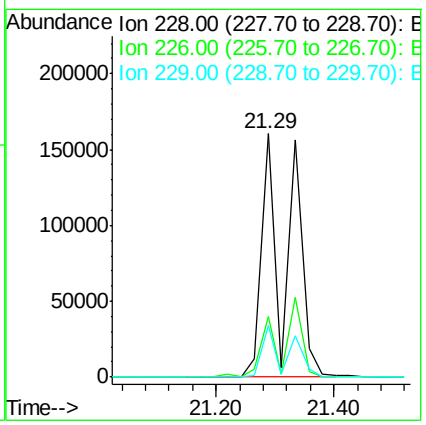


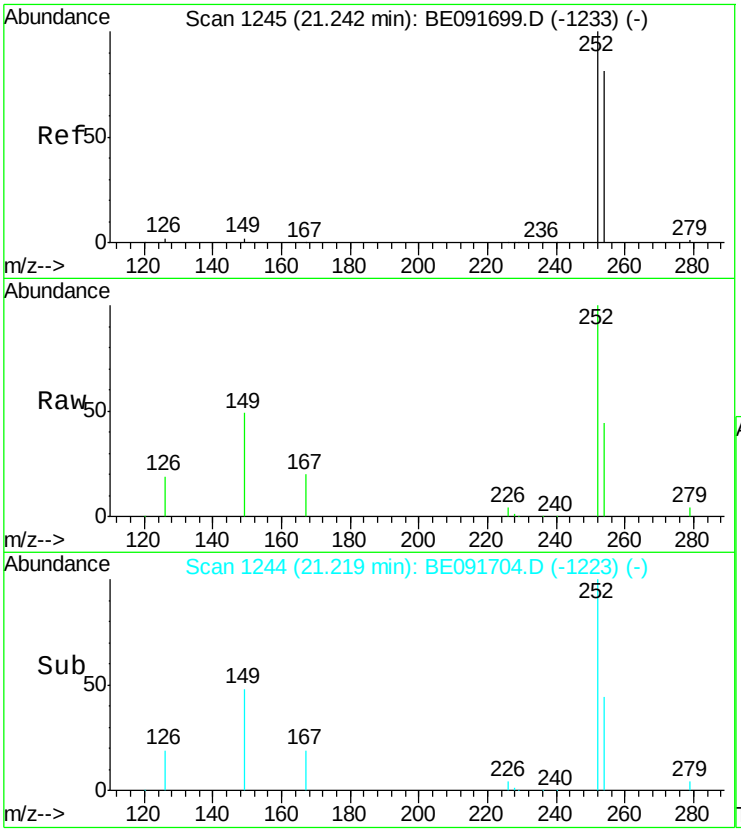


#30
Benzo(a)anthracene
Concen: 6.57 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:228 Resp: 494532

Ion	Ratio	Lower	Upper
228	100		
226	24.7	21.0	31.4
229	21.0	15.7	23.5



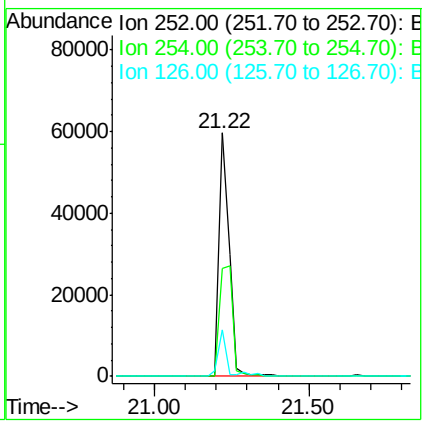


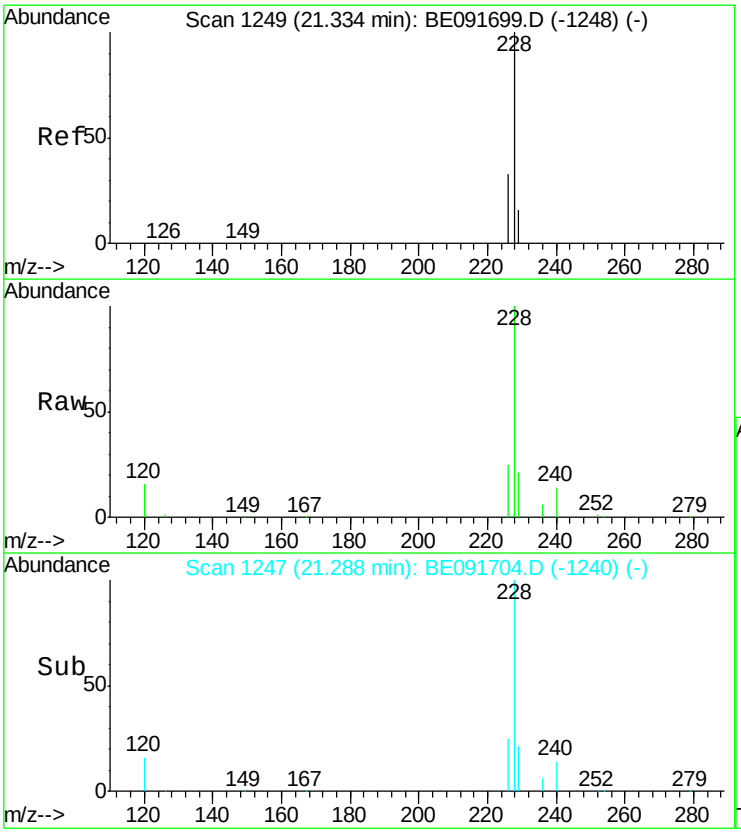
#31
3,3'-Dichlorobenzidine
Concen: 4.13 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 130324

Ion	Ratio	Lower	Upper
252	100		
254	44.3	51.1	76.7#
126	18.8	12.6	18.8#

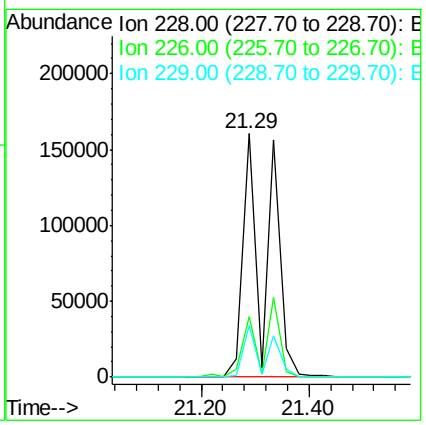


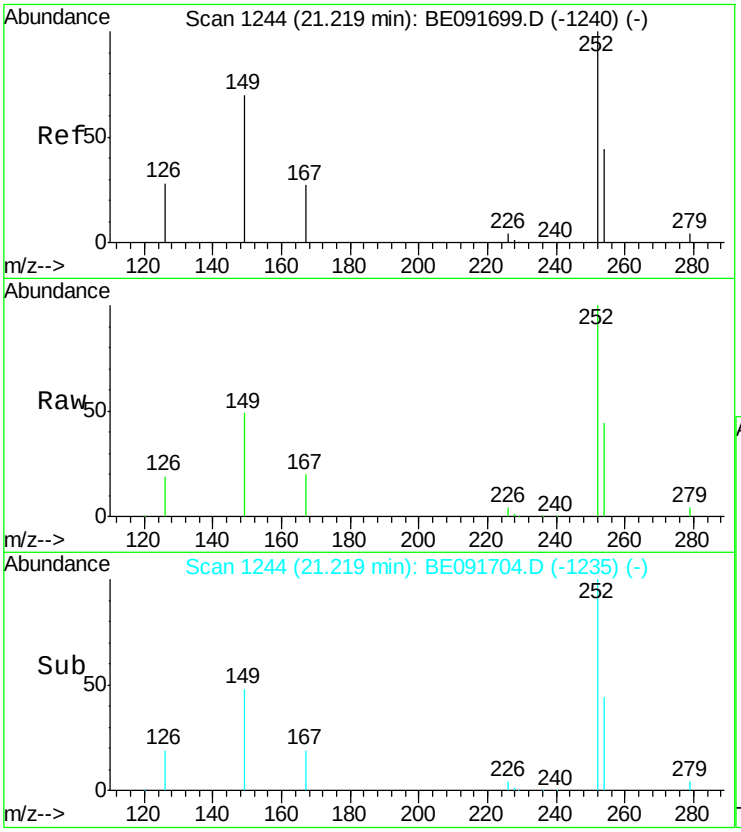


#32
Chrysene
Concen: 6.05 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:228 Resp: 496244

Ion	Ratio	Lower	Upper
228	100		
226	24.7	24.0	36.0
229	21.0	15.9	23.9



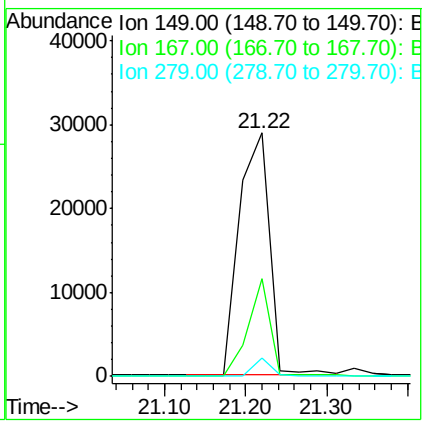


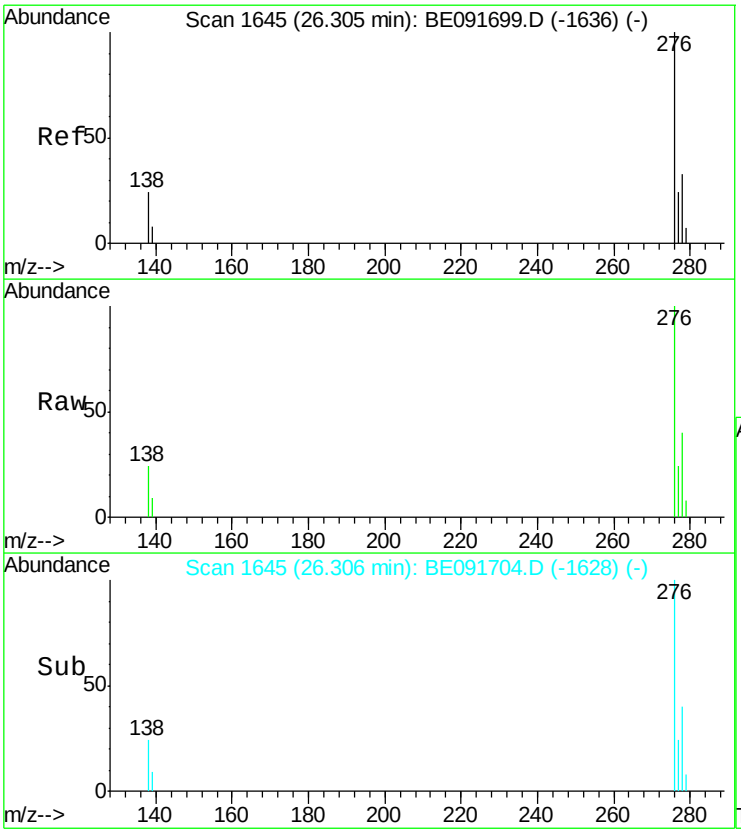
#33
Bis(2-ethylhexyl)phthalate
Concen: 5.13 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 74089

Ion	Ratio	Lower	Upper
149	100		
167	29.1	19.5	29.3
279	4.4	10.0	15.0#

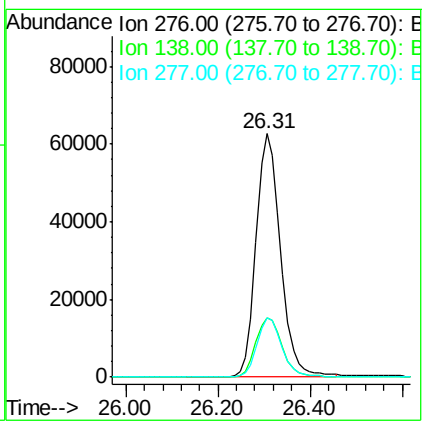


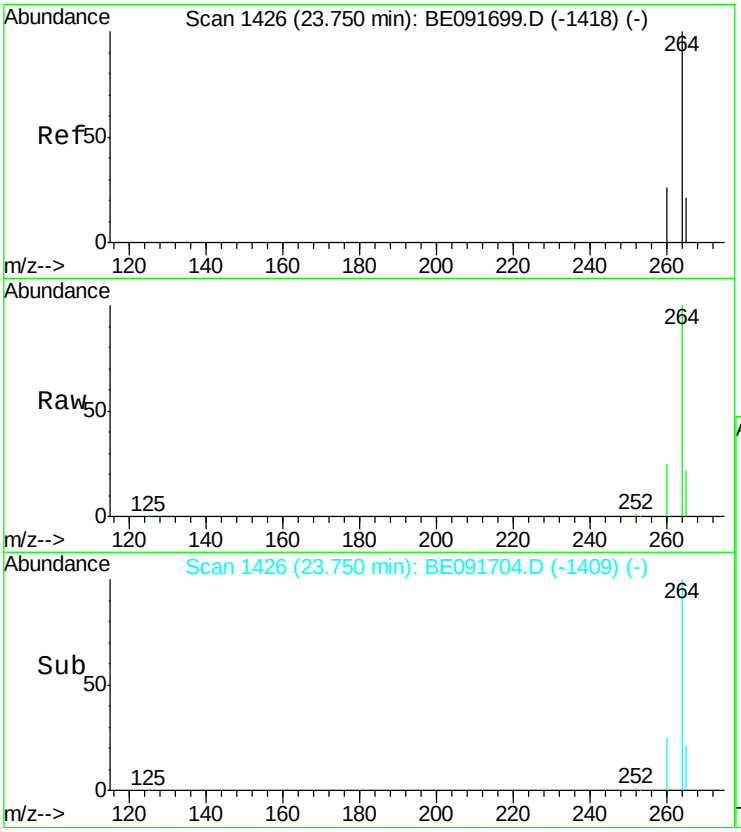


#34
Indeno(1,2,3-cd)pyrene
Concen: 3.13 ng
RT: 26.31 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:276 Resp: 229795

Ion	Ratio	Lower	Upper
276	100		
138	26.0	23.4	35.2
277	24.8	19.8	29.8



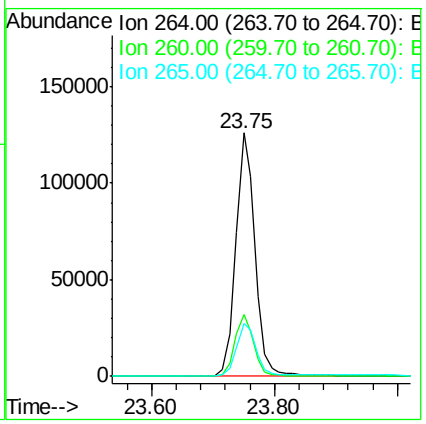


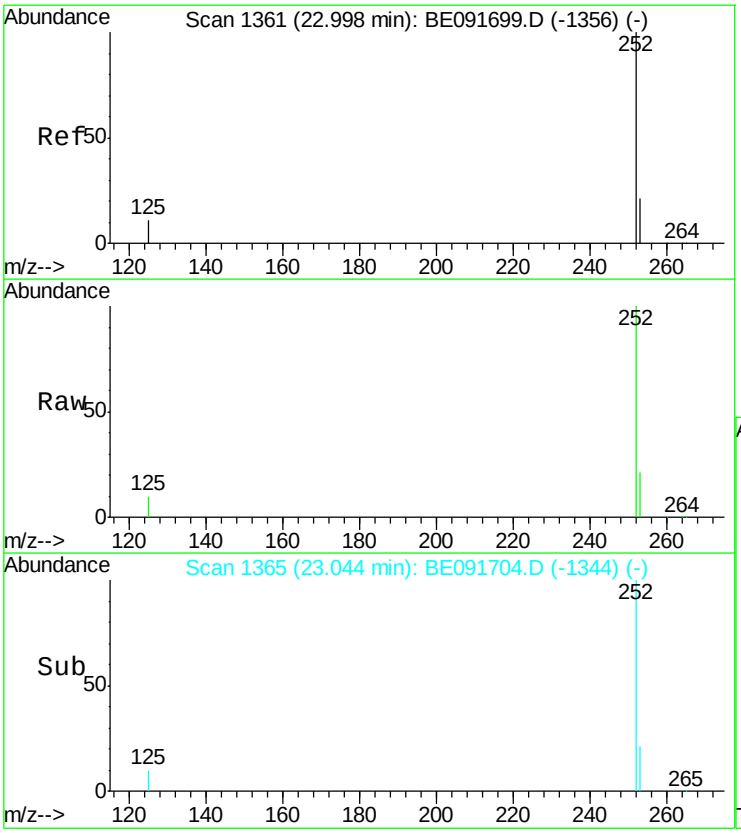
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 274161

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	21.8	17.5	26.3

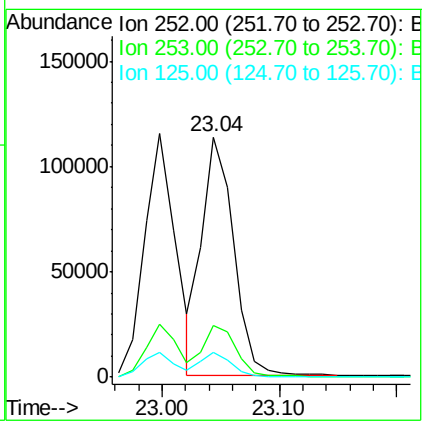


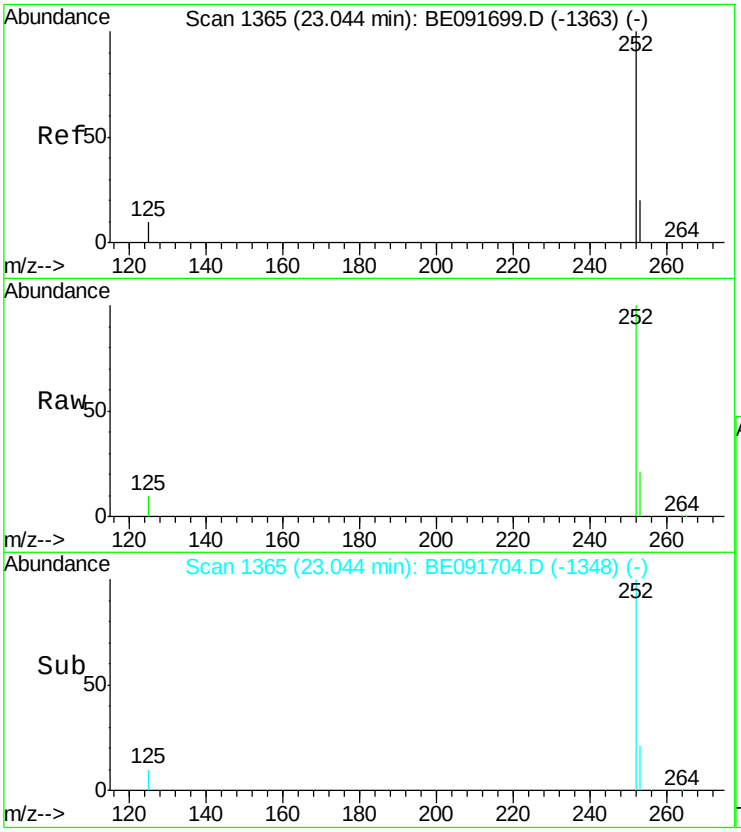


#36
Benzo(b)fluoranthene
Concen: 3.24 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:252 Resp: 213262

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.3	10.2	15.2



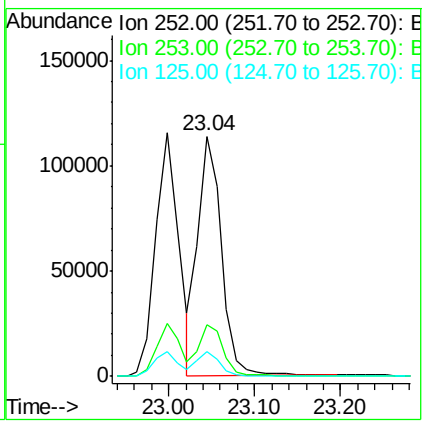


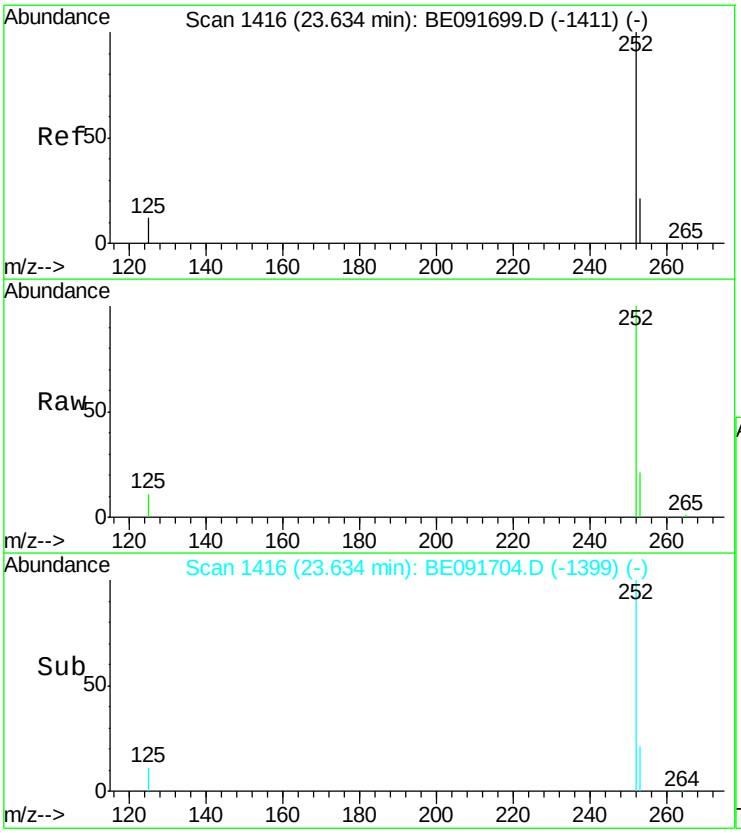
#37
Benzo(k)fluoranthene
Concen: 3.34 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 216200

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	10.3	9.9	14.9

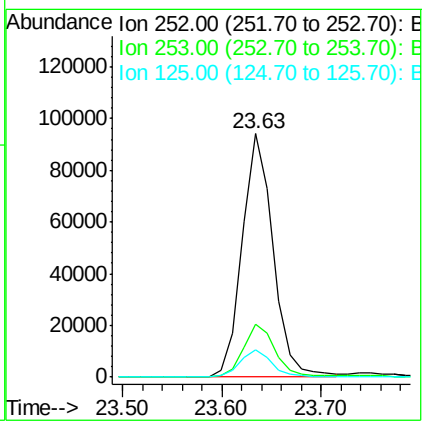


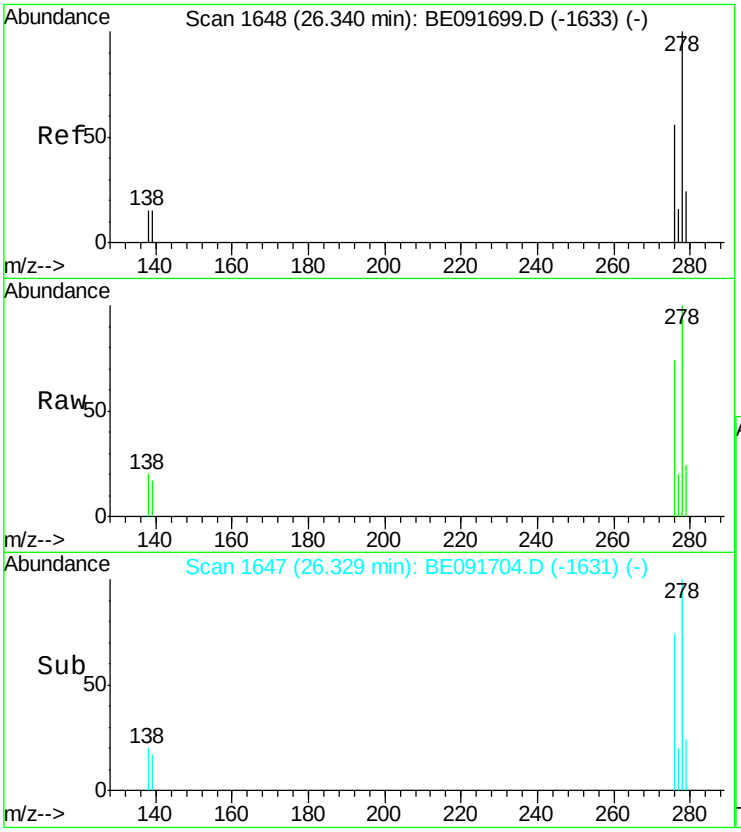


#38
Benzo(a)pyrene
Concen: 3.55 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:252 Resp: 201702

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.5	11.0	16.4



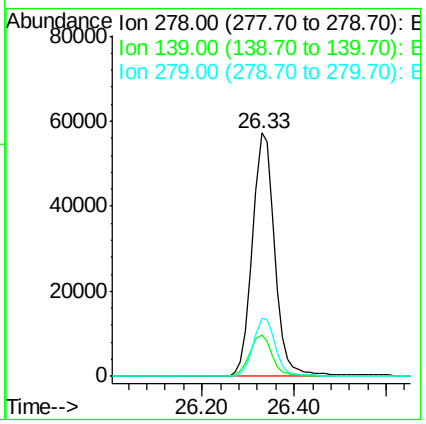


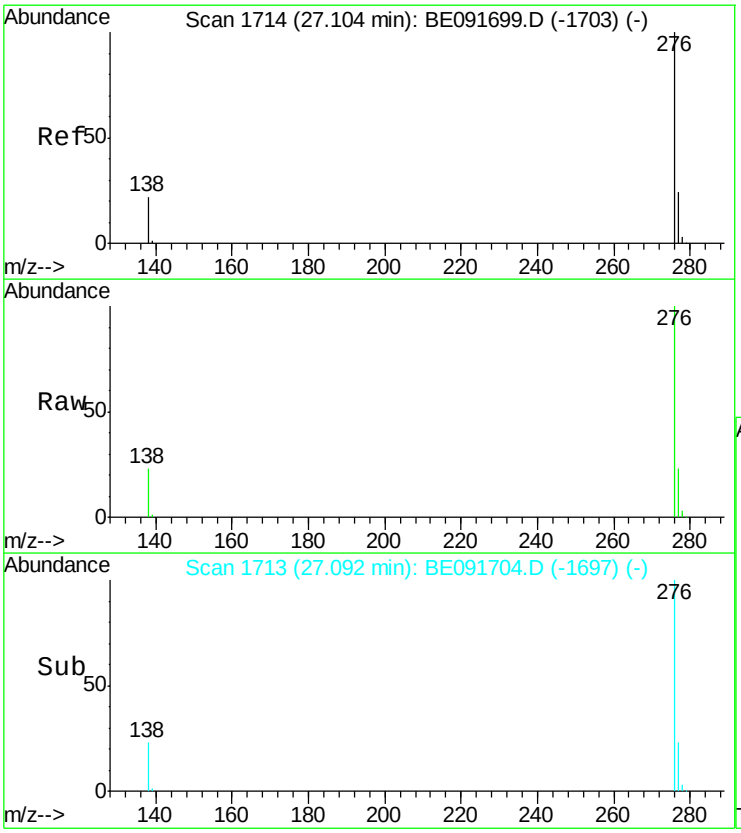
#39
Dibenzo(a,h)anthracene
Concen: 3.29 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 191736

Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.0	24.0
279	23.7	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 3.19 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BE091704.D
Acq: 26 Apr 2016 14:59

Tgt Ion:276 Resp: 190714

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	22.6	20.4	30.6