Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091361.D
Acq On : 14 Jan 2016 21:27
Operator : UM/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Jan 14 22:27:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 22:19:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	31194	5.00	ng		-0.01
7) Naphthalene-d8	9.54	136	155903	5.00	ng		0.00
13) Acenaphthene-d10	13.35	164	80442	5.00	ng		0.00
19) Phenanthrene-d10	16.07	188	215756	5.00	ng		-0.01
26) Chrysene-d12	20.21	240	239520	5.00	ng		0.00
35) Perylene-d12	22.10	264	188385	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.92	112	22018	3.54	ng		-0.03
5) Phenol-d6	6.53	99	40104	5.24	ng		-0.04
8) Nitrobenzene-d5	8.13	82	52196	6.12	ng		-0.03
14) 2,4,6-Tribromophenol	14.88	330	13139	5.34	ng		-0.01
15) 2-Fluorobiphenyl	12.00	172	108357	5.09	ng		-0.02
29) Terphenyl-d14	18.62	244	166103	5.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	17095	3.20	ng		96
3) n-Nitrosodimethylamine	3.36	42	24133	4.57	ng	#	1
6) bis(2-Chloroethyl)ether	6.51	93	102411	11.58	ng	#	16
9) Nitrobenzene	8.17	77	64536	6.93	ng		94
10) Naphthalene	9.58	128	164630	4.88	ng		99
11) Hexachlorobutadiene	9.82	225	24516	4.35	ng		99
12) 2-Methylnaphthalene	11.11	142	96362	5.12	ng		93
16) Acenaphthylene	13.09	152	747923	5.72	ng		99
17) Acenaphthene	13.41	154	120974	5.56	ng	#	74
18) Fluorene	14.40	166	163503	6.16	ng		97
20) 4-Bromophenyl-phenylether	15.25	248	37292	4.79	ng		96
21) Hexachlorobenzene	15.35	284	45701	1.20	ng		97
22) Pentachlorophenol	15.84	266	6654	2.32	ng	#	85
23) Phenanthrene	16.11	178	276103	5.00	ng		99
24) Anthracene	16.19	178	256666	5.36	ng		100
25) Fluoranthene	18.09	202	259852	4.09	ng		99
27) Benzidine	18.47	184	18472	4.59	ng	#	80
28) Pyrene	18.47	202	276792	4.74	ng		100
30) Benzo(a)anthracene	20.19	228	244159	4.59	ng		98
31) 3,3'-Dichlorobenzidine	20.24	252	29635	3.22	ng	#	93
32) Chrysene	20.25	228	302382	4.22	ng		99
33) Bis(2-ethylhexyl)phthalate	19.89	149	48160	2.24	ng		96
34) Indeno(1,2,3-cd)pyrene	23.69	276	229850	4.16	ng		96
36) Benzo(b)fluoranthene	21.55	252	249683	6.18	ng		99
37) Benzo(k)fluoranthene	21.57	252	257521	4.66	ng		99
38) Benzo(a)pyrene	22.00	252	221332	5.76	ng		99
39) Dibenzo(a,h)anthracene	23.64	278	189716	5.20	ng		100
40) Benzo(g,h,i)perylene	24.24	276	214464	5.34	ng		98

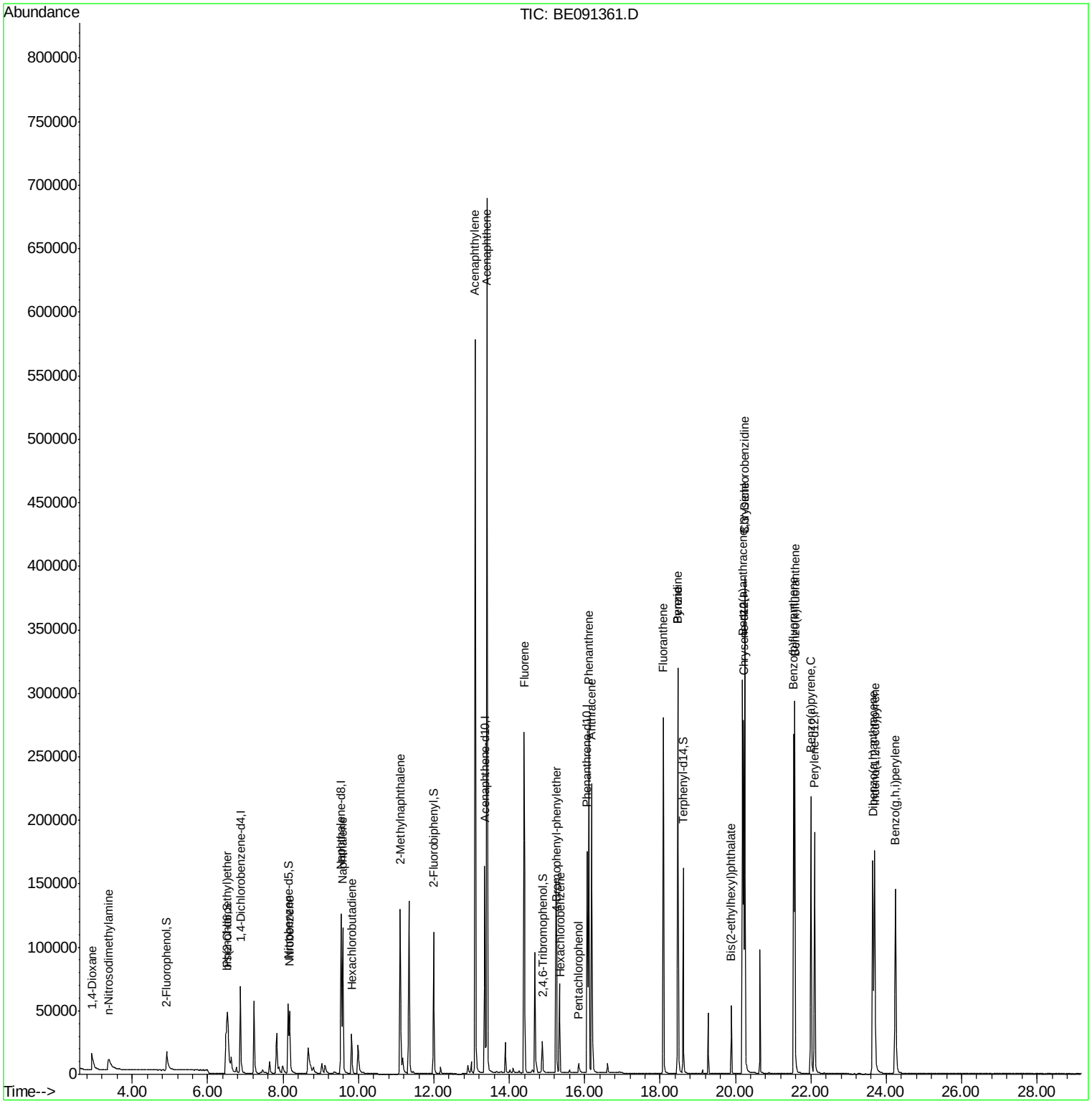
(#) = qualifier out of range (m) = manual integration (+) = signals summed

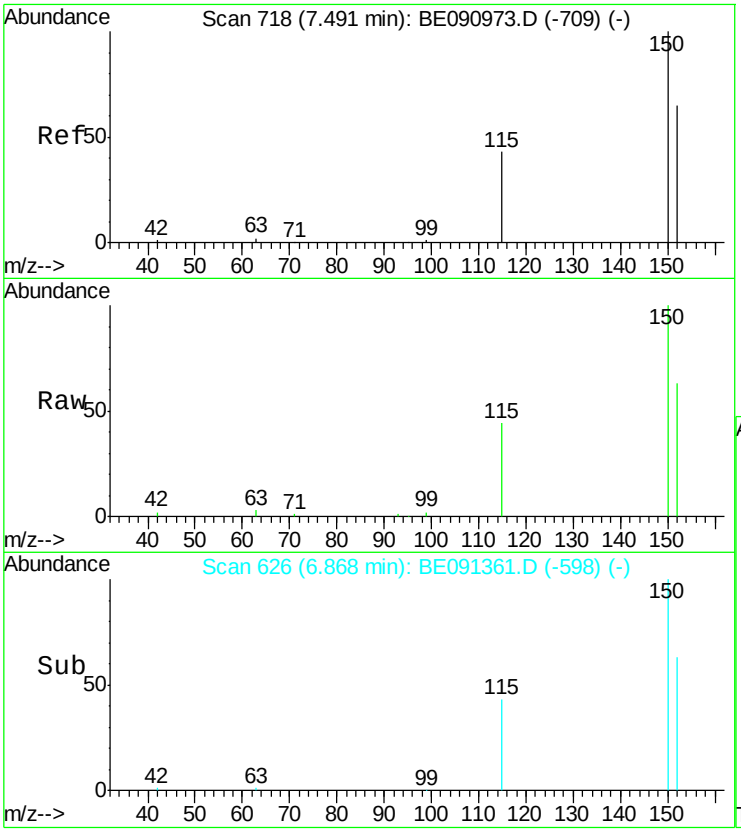
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091361.D
Acq On : 14 Jan 2016 21:27
Operator : UM/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Jan 14 22:27:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 22:19:19 2016
Response via : Initial Calibration



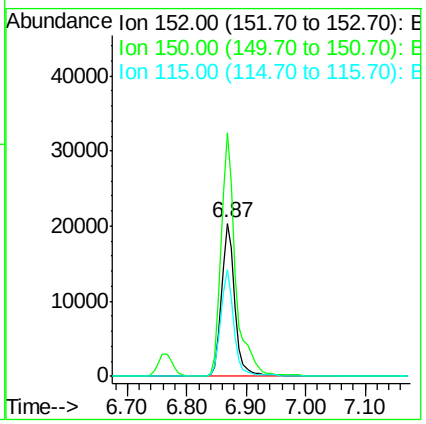


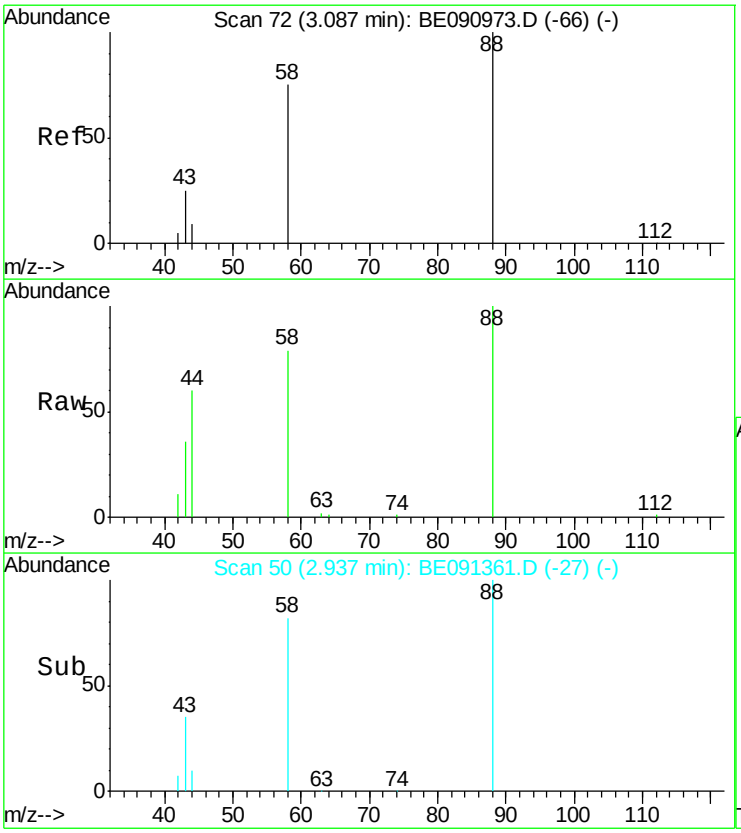
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 626
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 31194

Ion	Ratio	Lower	Upper
152	100		
150	159.0	121.6	182.4
115	69.3	50.6	75.8

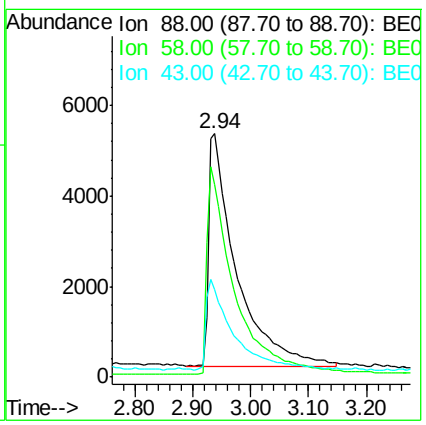


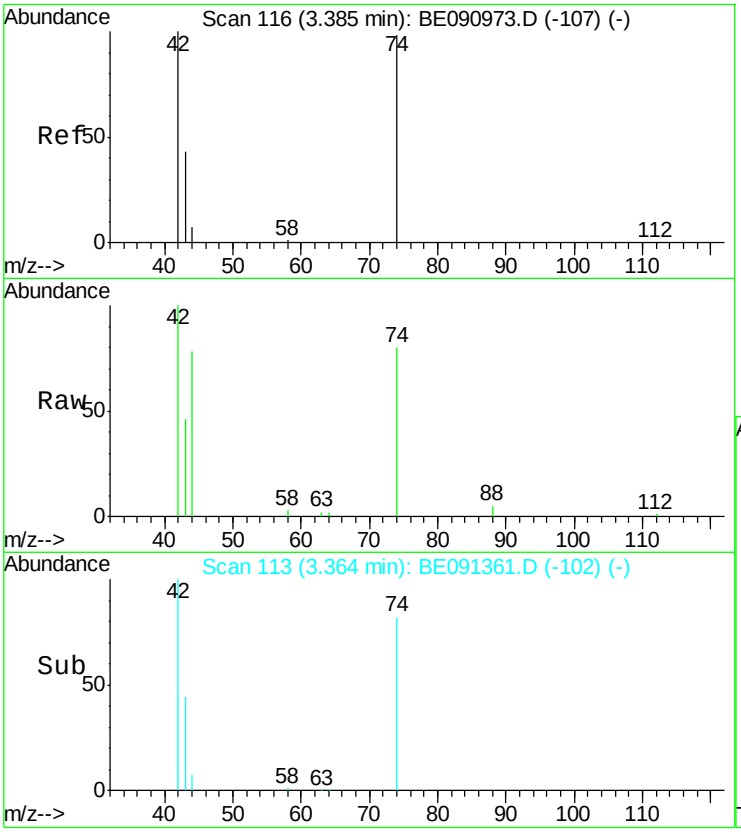


#2
1,4-Dioxane
Concen: 3.20 ng
RT: 2.94 min Scan# 50
Delta R.T. -0.05 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion: 88 Resp: 17095

Ion	Ratio	Lower	Upper
88	100		
58	88.7	74.6	111.8
43	38.0	28.7	43.1



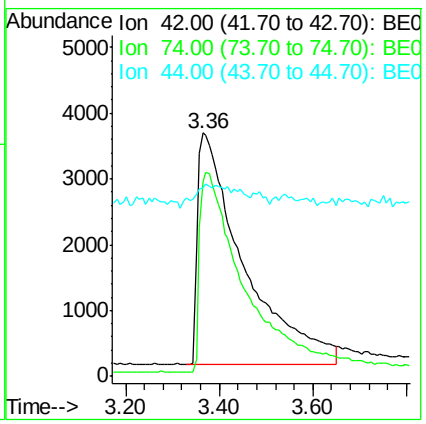


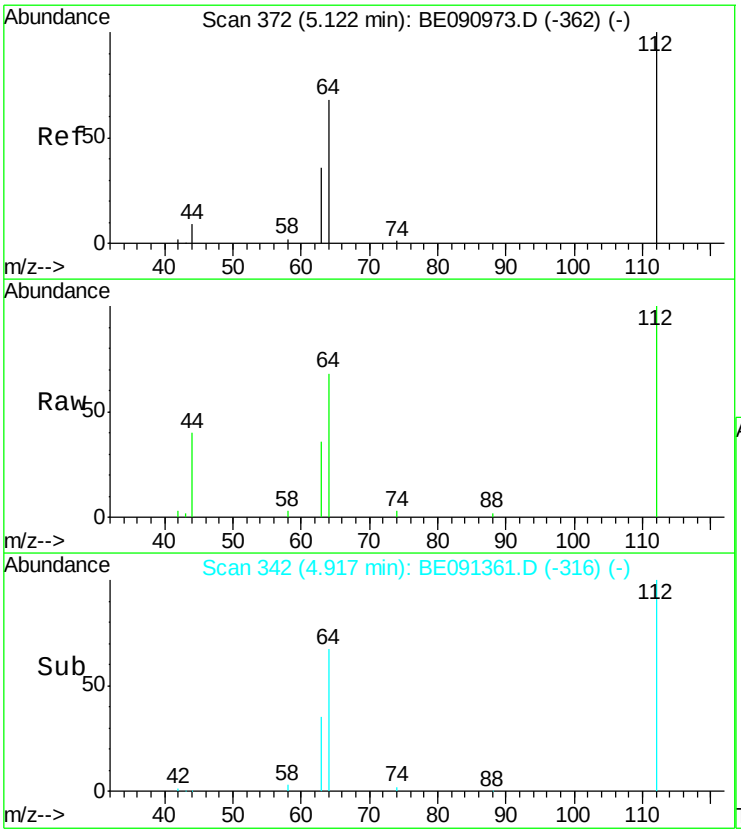
#3
n-Nitrosodimethylamine
Concen: 4.57 ng
RT: 3.36 min Scan# 113
Delta R.T. -0.13 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 24133

Ion	Ratio	Lower	Upper
42	100		
74	84.3	16.0	24.0#
44	4.2	3.3	4.9

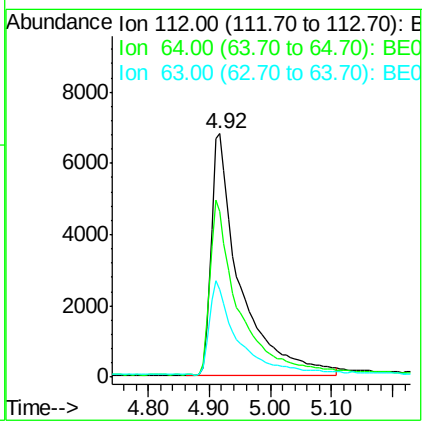


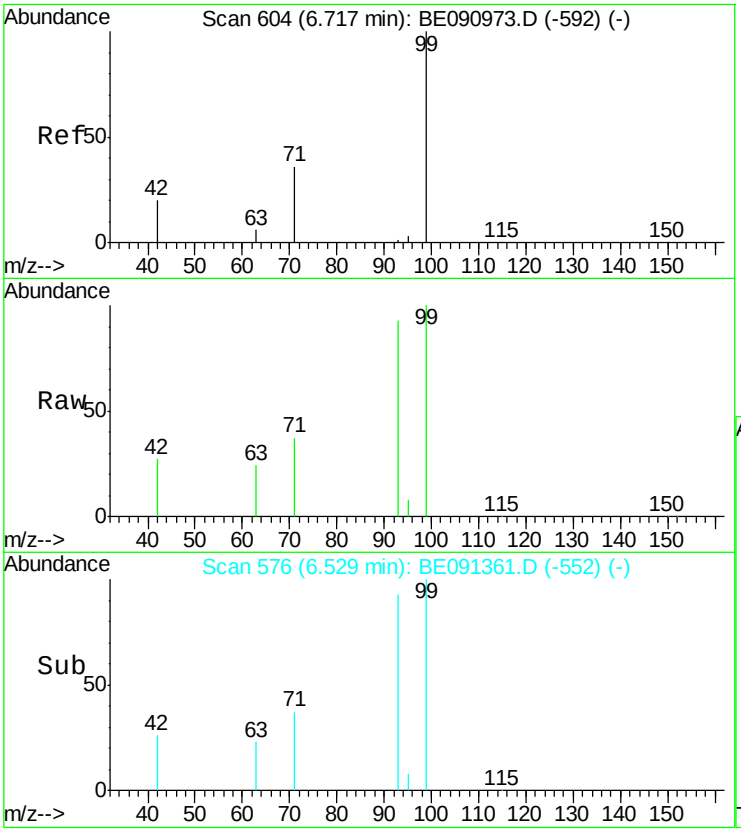


#4
2-Fluorophenol
Concen: 3.54 ng
RT: 4.92 min Scan# 342
Delta R.T. -0.03 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:112 Resp: 22018

Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.4	86.0
63	38.4	32.2	48.2



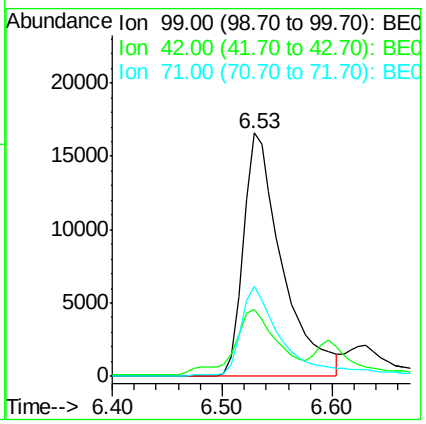


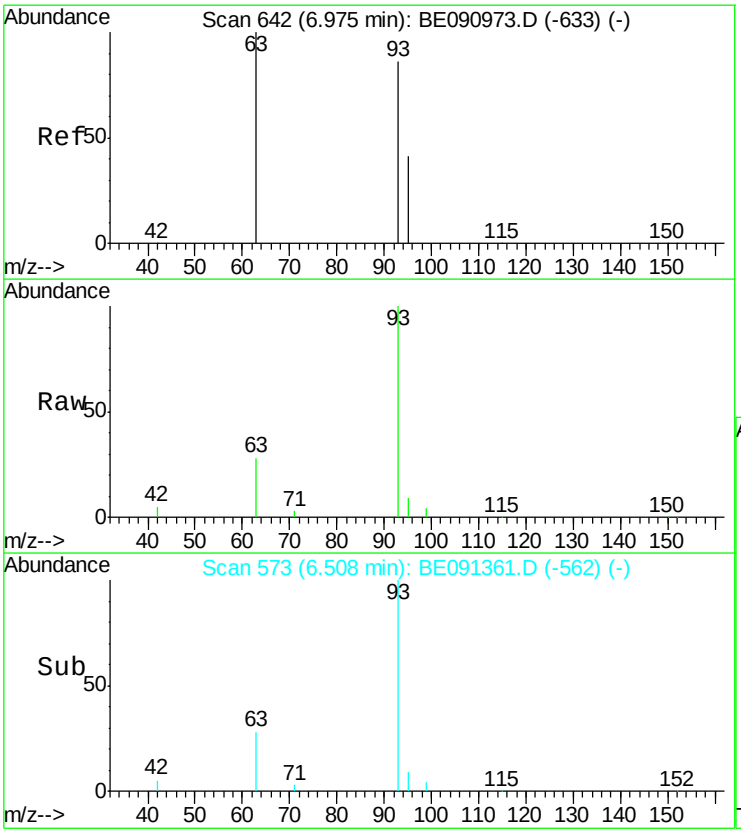
#5
Phenol-d6
Concen: 5.24 ng
RT: 6.53 min Scan# 576
Delta R.T. -0.04 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 40104

Ion	Ratio	Lower	Upper
99	100		
42	30.4	22.9	34.3
71	40.5	35.4	53.2

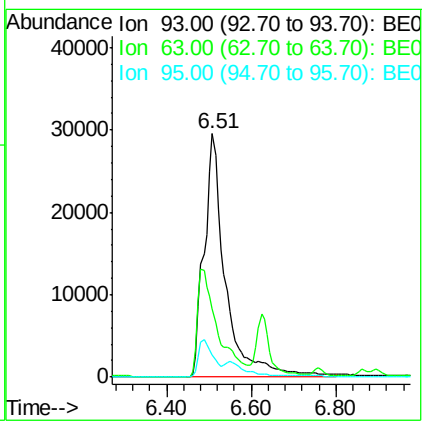


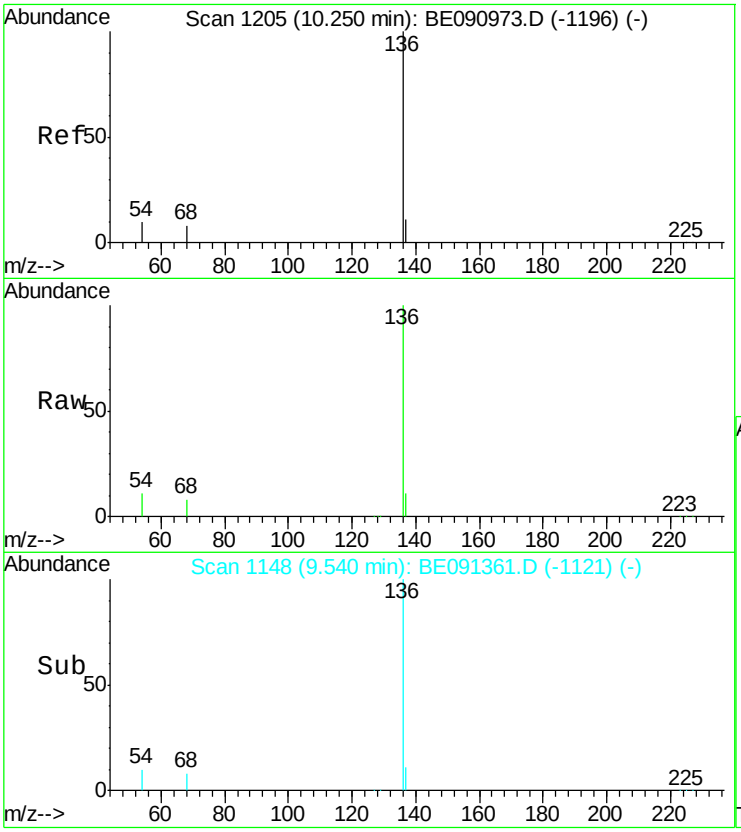


#6
bis(2-Chloroethyl)ether
Concen: 11.58 ng
RT: 6.51 min Scan# 573
Delta R.T. -0.13 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion: 93 Resp: 102411

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	0.0	53.9	80.9#



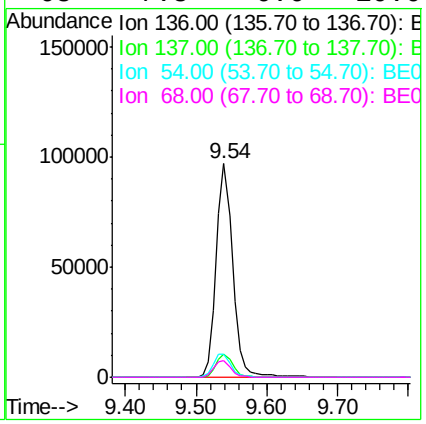


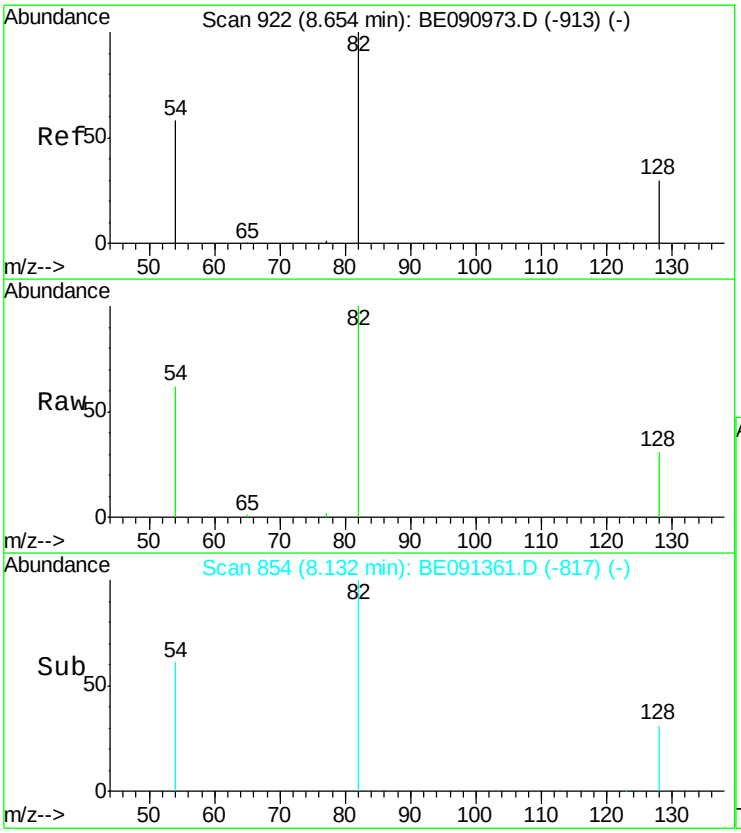
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.54 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 155903

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.8	9.8	14.6
68	7.8	6.6	10.0

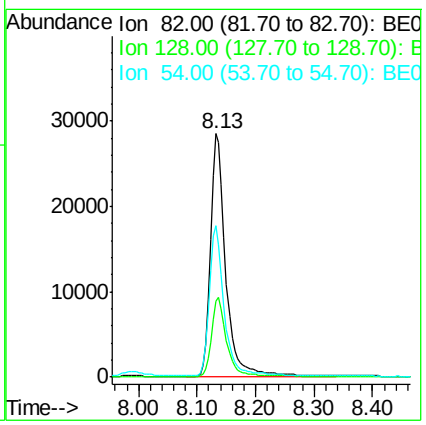


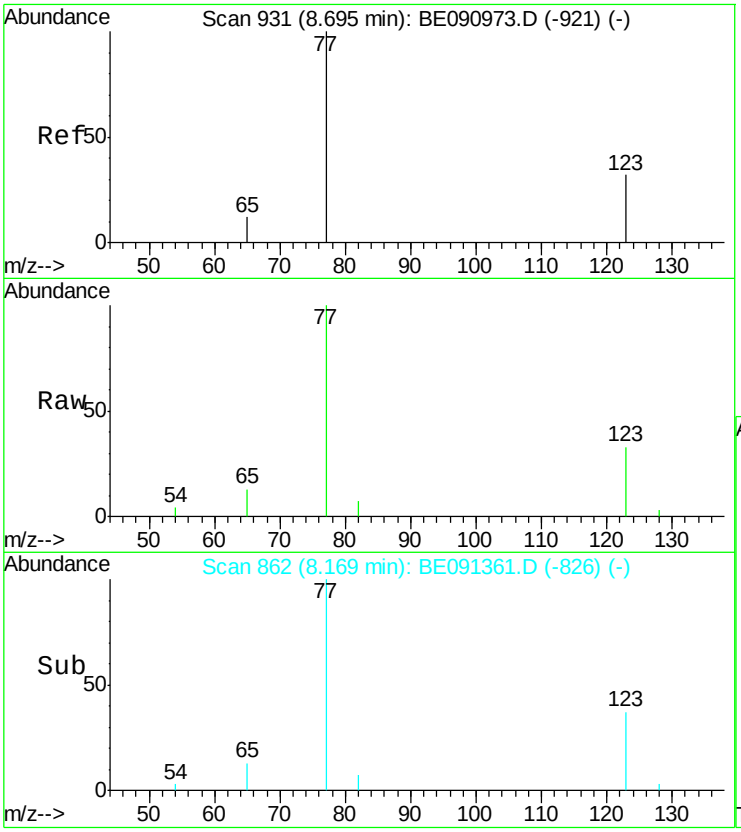


#8
Nitrobenzene-d5
Concen: 6.12 ng
RT: 8.13 min Scan# 854
Delta R.T. -0.03 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion: 82 Resp: 52196

Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.6	36.8
54	62.1	52.7	79.1



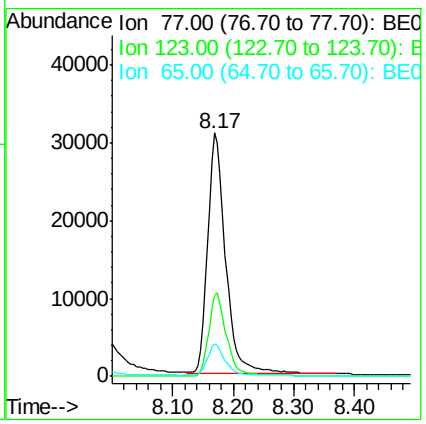


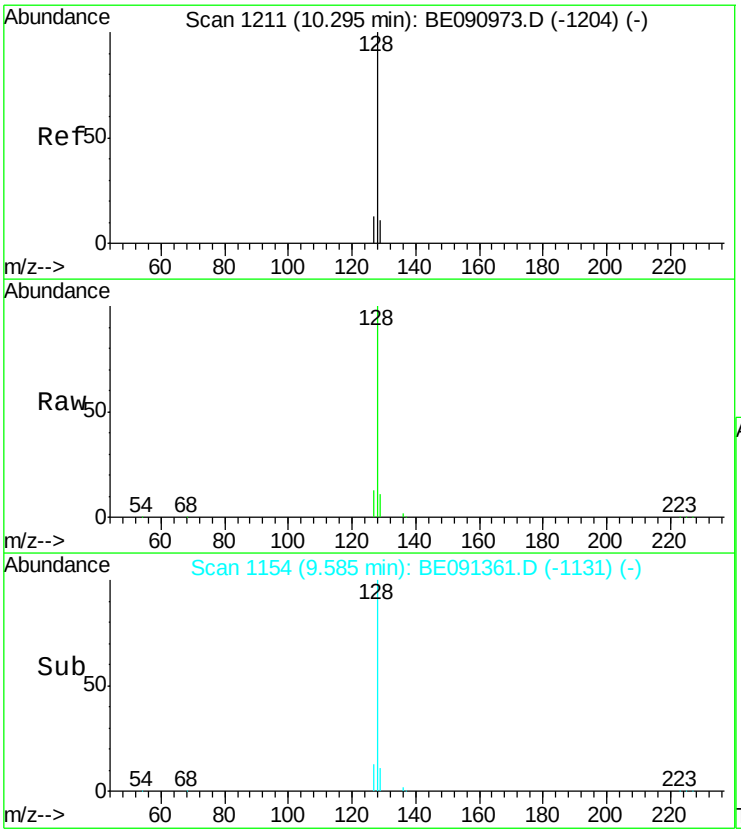
#9
Nitrobenzene
Concen: 6.93 ng
RT: 8.17 min Scan# 862
Delta R.T. -0.04 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 64536

Ion	Ratio	Lower	Upper
77	100		
123	34.3	24.7	37.1
65	12.9	8.8	13.2

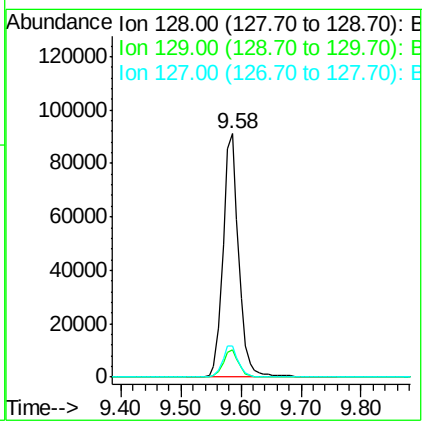


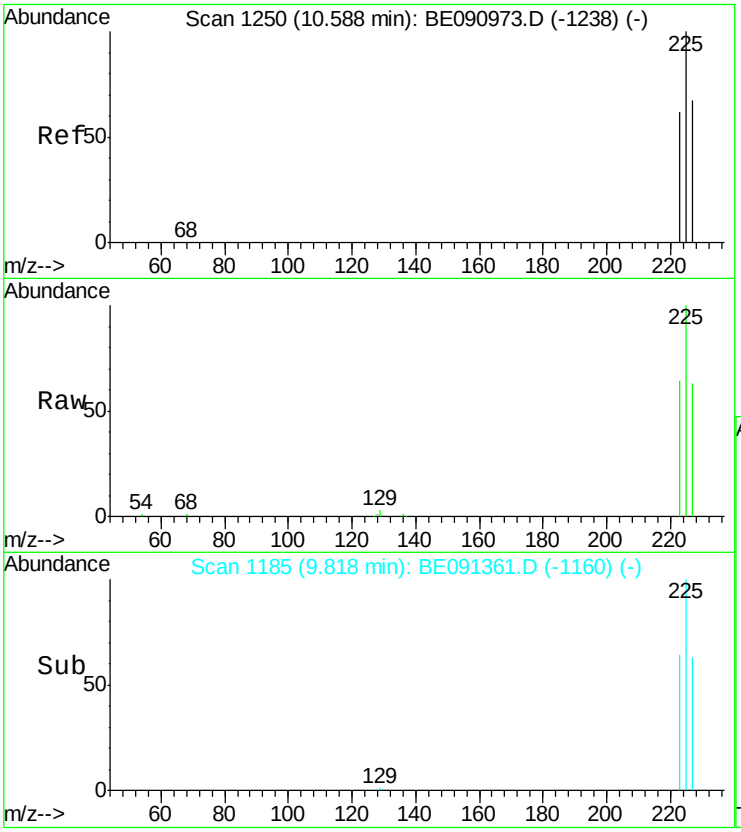


#10
Naphthalene
Concen: 4.88 ng
RT: 9.58 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:128 Resp: 164630

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.7	10.6	15.8



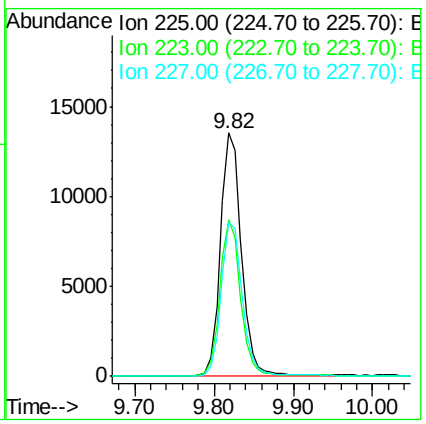


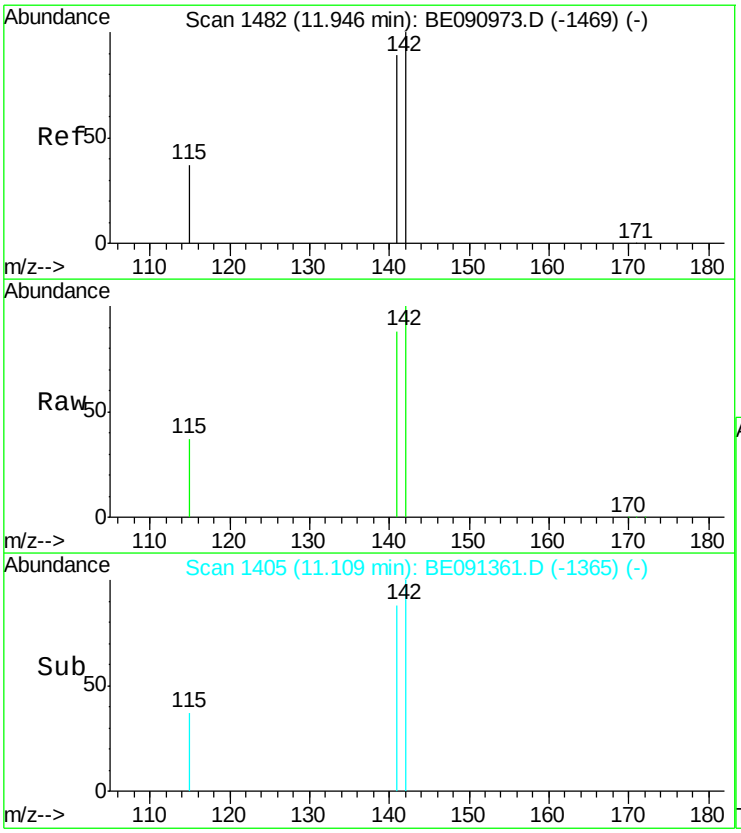
#11
Hexachlorobutadiene
Concen: 4.35 ng
RT: 9.82 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 24516

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	63.7	50.7	76.1

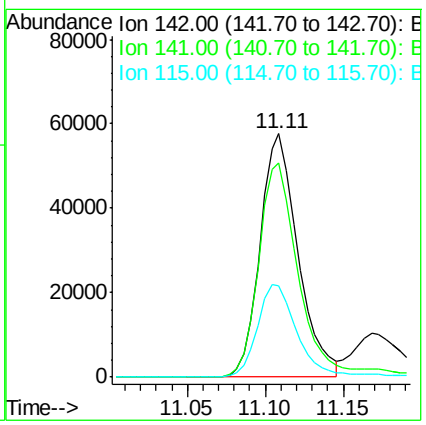


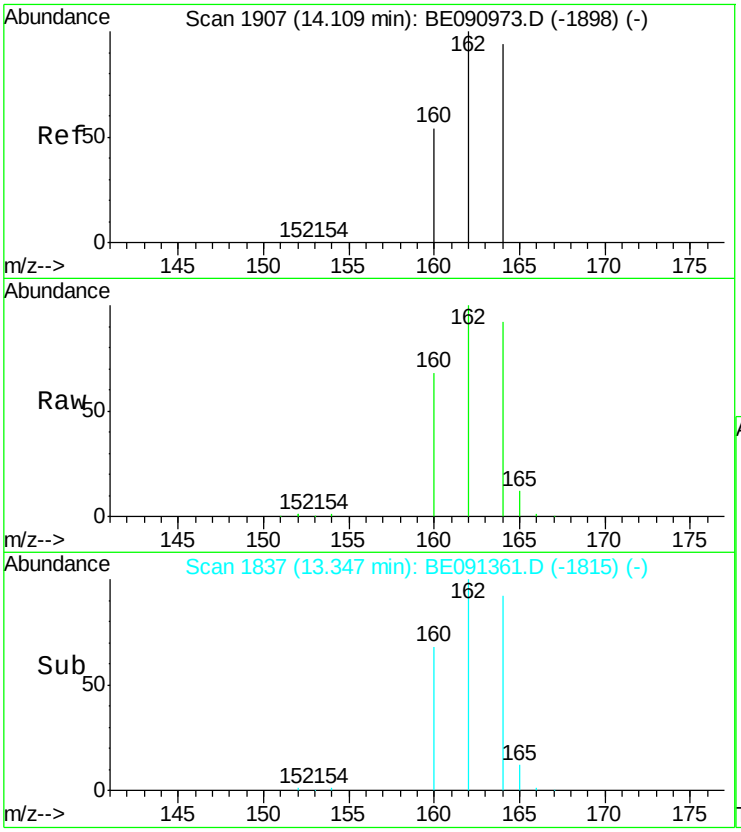


#12
2-Methylnaphthalene
Concen: 5.12 ng
RT: 11.11 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:142 Resp: 96362

Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.5	111.7
115	37.4	35.2	52.8



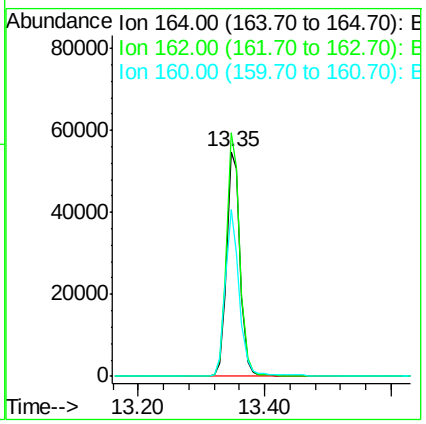


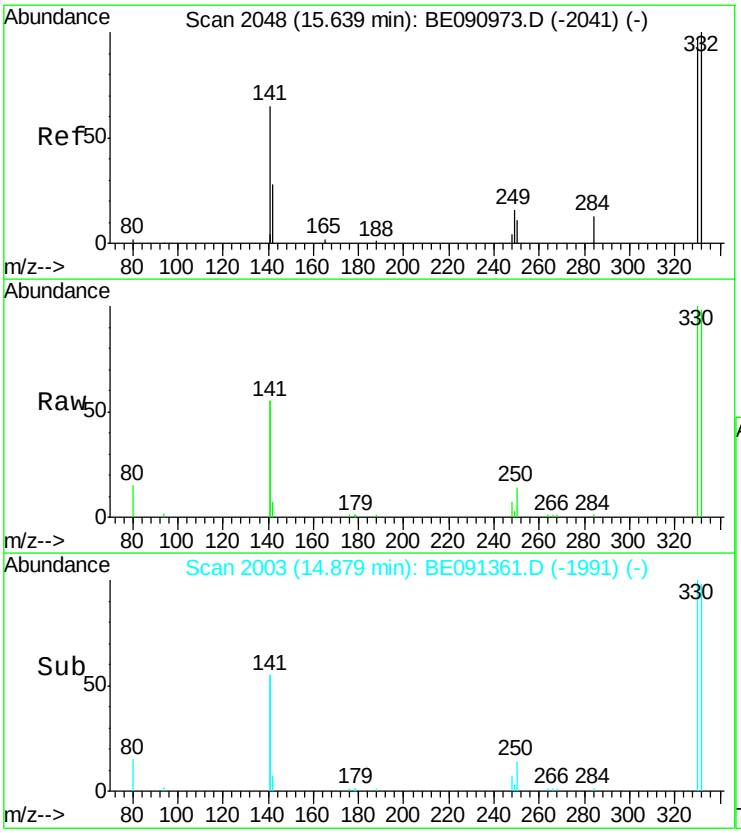
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 80442

Ion	Ratio	Lower	Upper
164	100		
162	108.4	88.5	132.7
160	74.1	76.7	115.1#

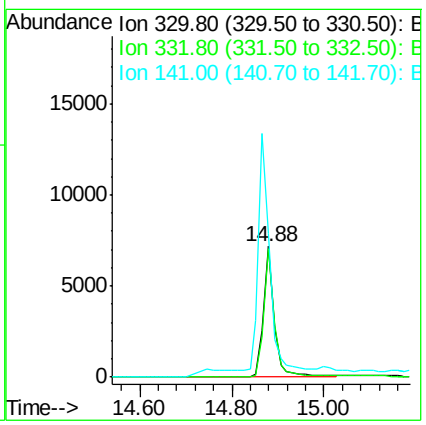


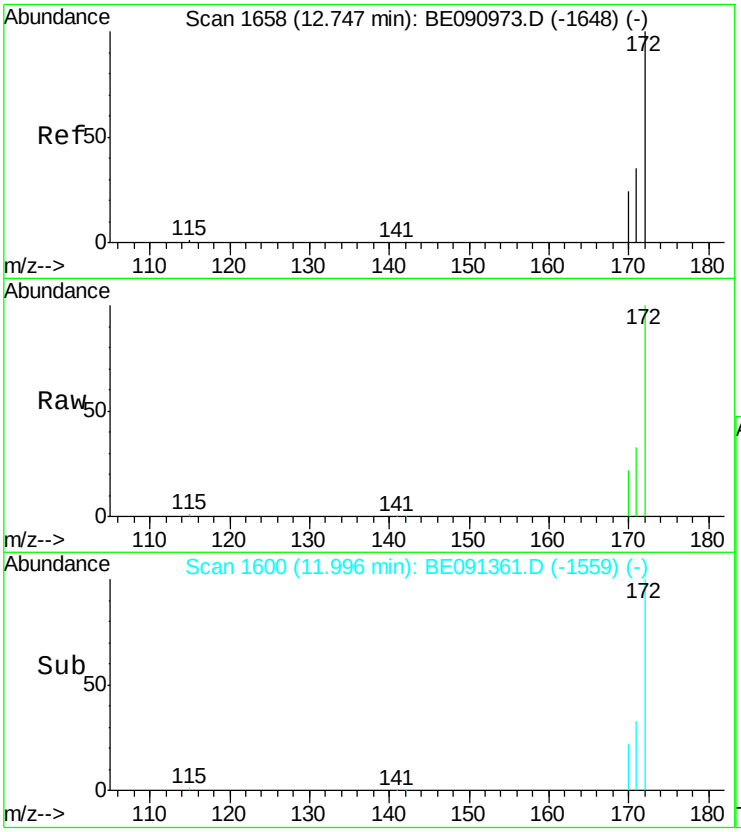


#14
2,4,6-Tribromophenol
Concen: 5.34 ng
RT: 14.88 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:330 Resp: 13139

Ion	Ratio	Lower	Upper
330	100		
332	83.7	78.6	118.0
141	168.7	147.8	221.8



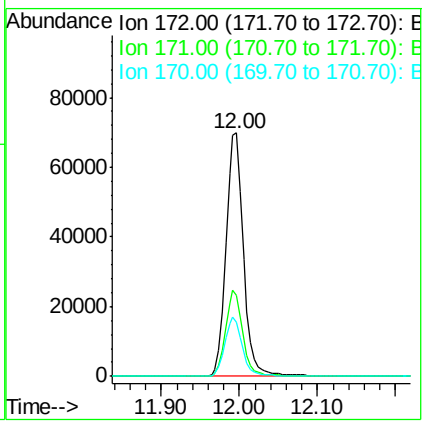


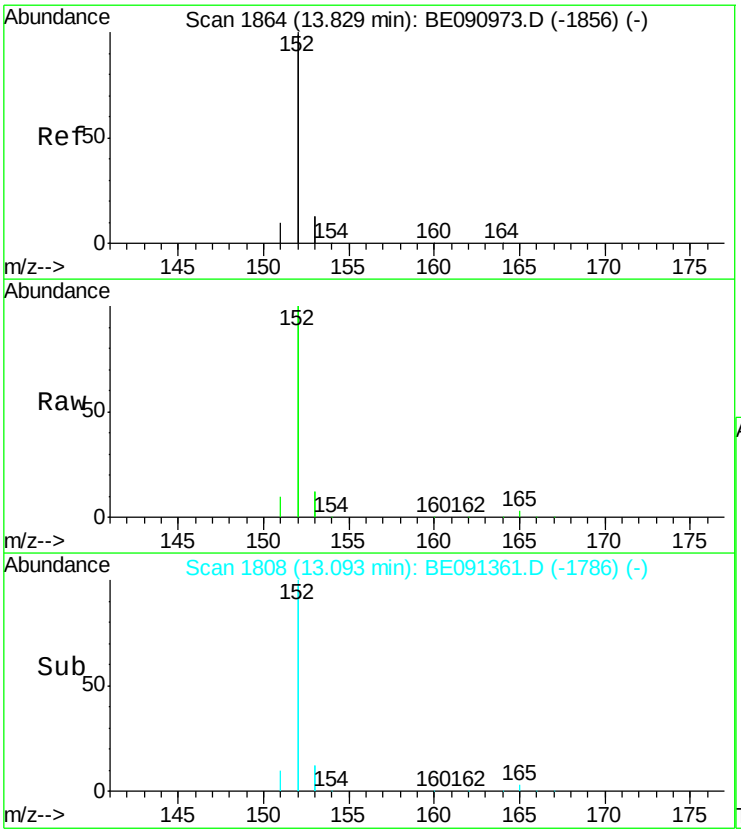
#15
2-Fluorobiphenyl
Concen: 5.09 ng
RT: 12.00 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 108357

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.3	40.9
170	22.4	19.8	29.6

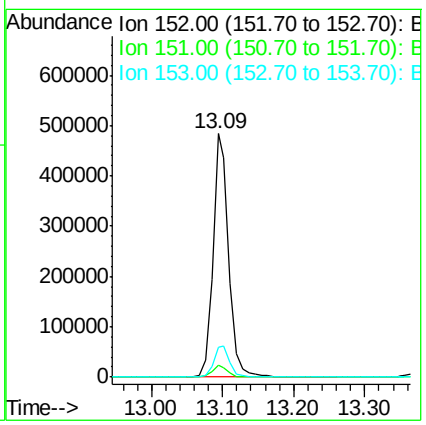


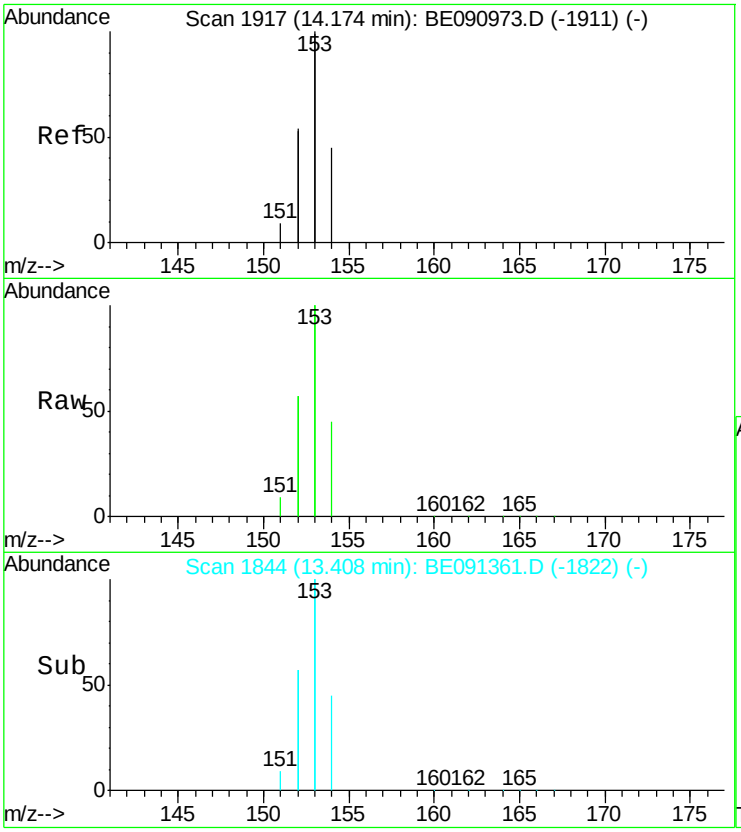


#16
Acenaphthylene
Concen: 5.72 ng
RT: 13.09 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:152 Resp: 747923

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.1	15.1



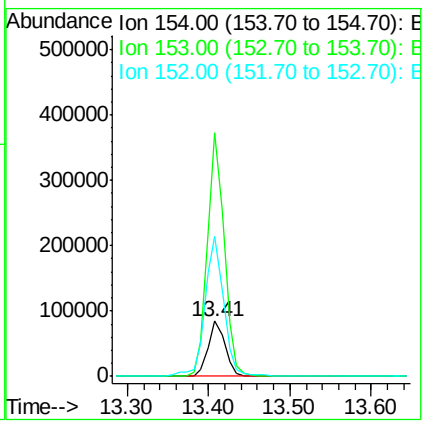


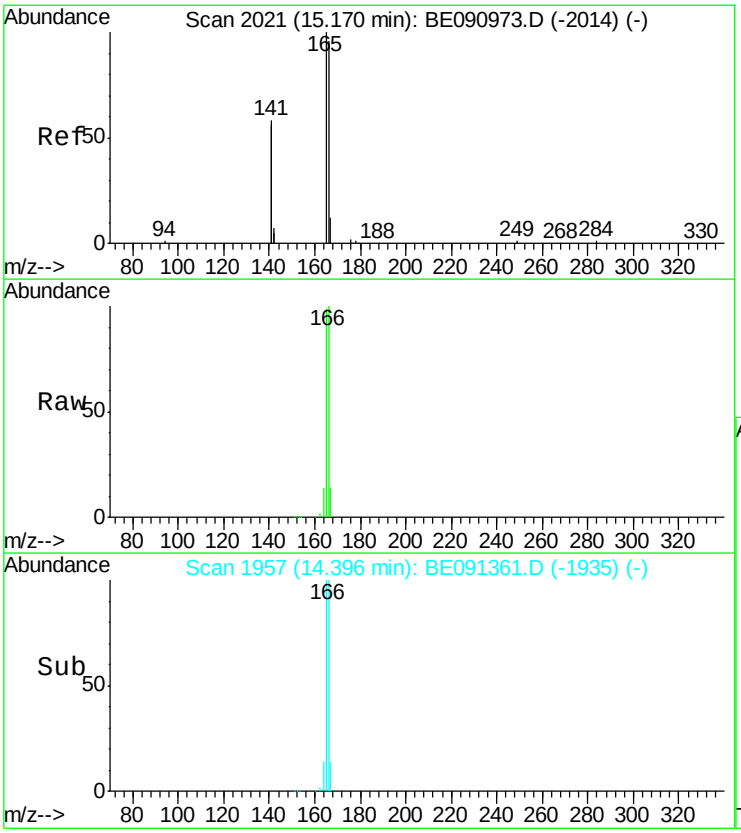
#17
Acenaphthene
Concen: 5.56 ng
RT: 13.41 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 120974

Ion	Ratio	Lower	Upper
154	100		
153	441.1	370.2	555.4
152	278.3	310.5	465.7#

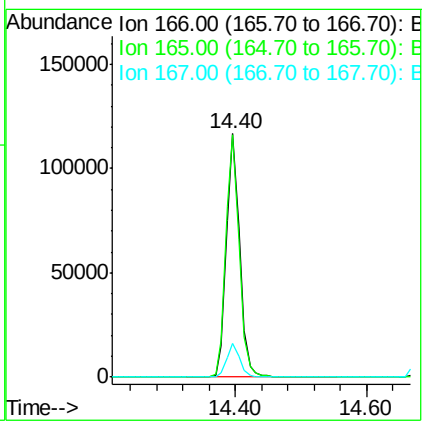


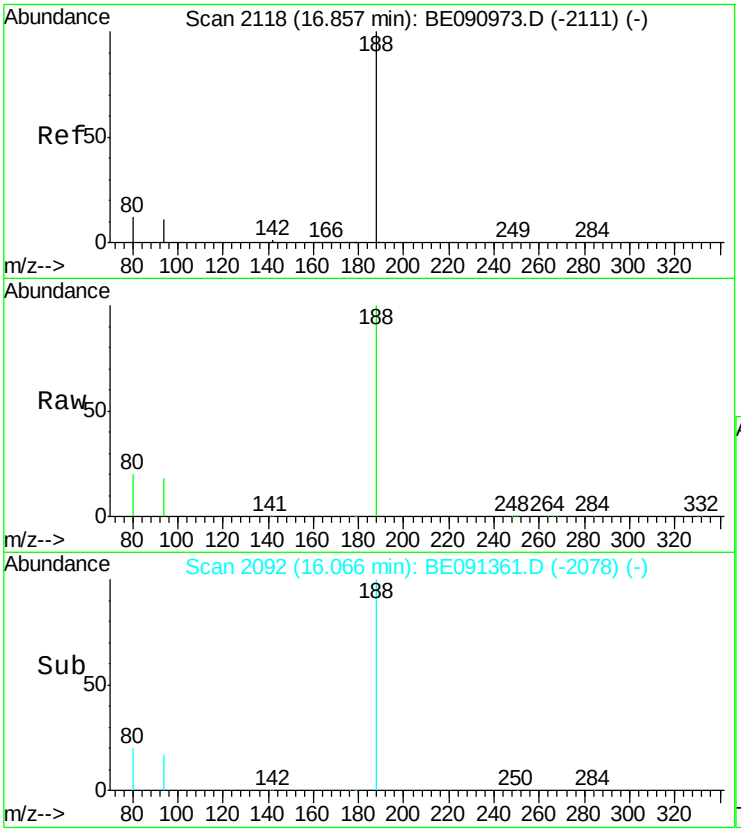


#18
Fluorene
Concen: 6.16 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:166 Resp: 163503

Ion	Ratio	Lower	Upper
166	100		
165	100.1	83.0	124.6
167	13.5	11.1	16.7



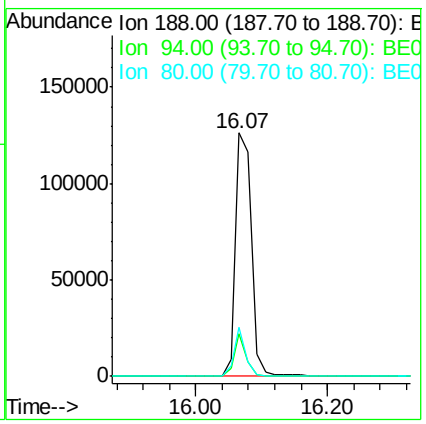


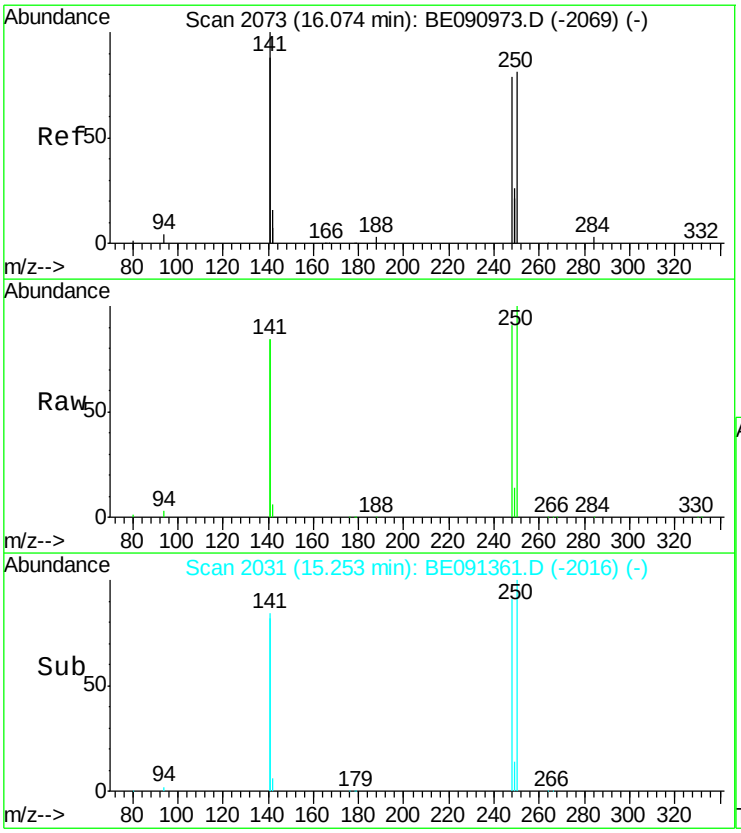
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.07 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 215756

Ion	Ratio	Lower	Upper
188	100		
94	17.5	7.5	11.3#
80	20.0	8.2	12.2#

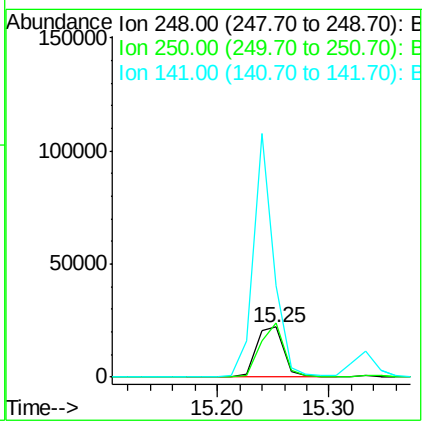


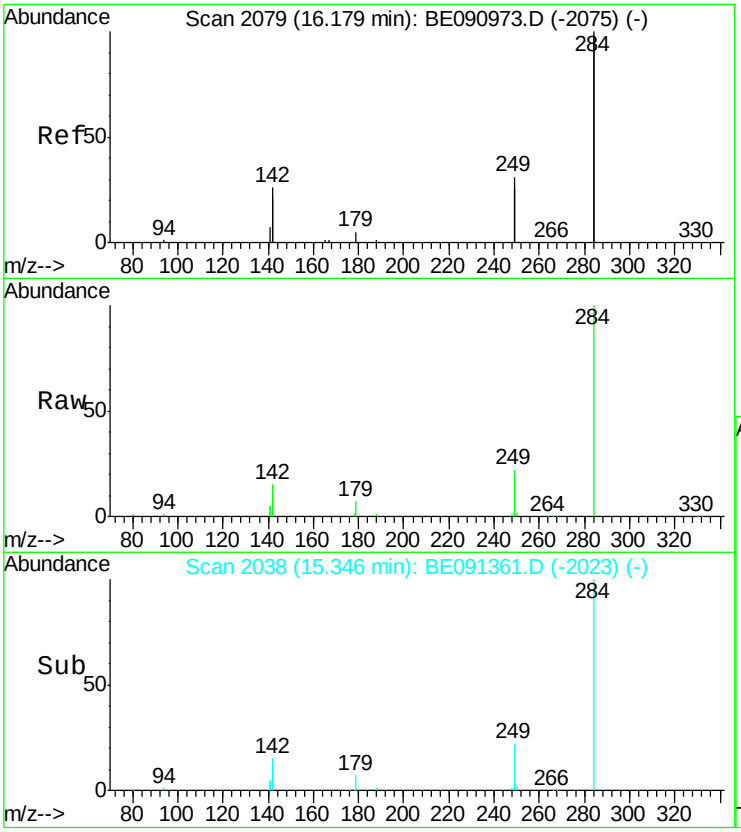


#20
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 15.25 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:248 Resp: 37292

Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.2	114.2
141	364.7	282.4	423.6



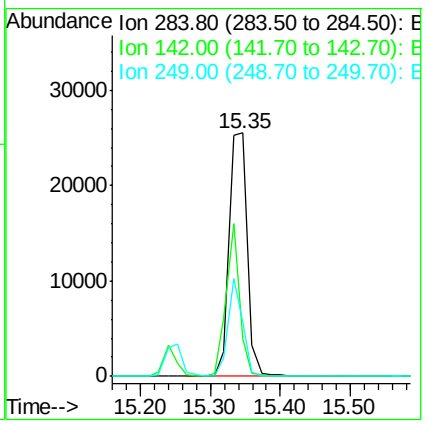


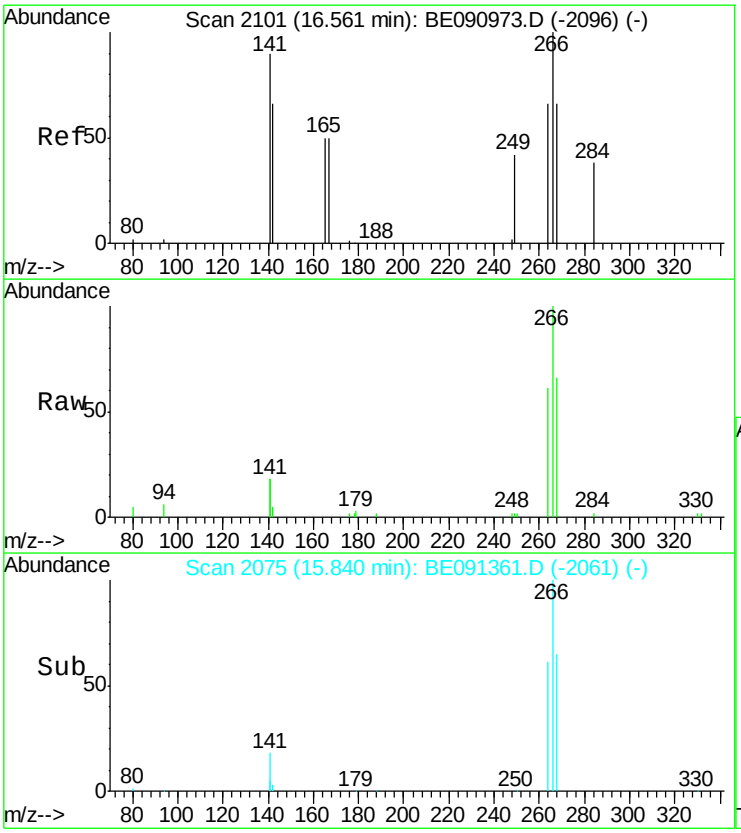
#21
Hexachlorobenzene
Concen: 1.20 ng
RT: 15.35 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 45701

Ion	Ratio	Lower	Upper
284	100		
142	46.5	35.4	53.0
249	32.2	25.0	37.4

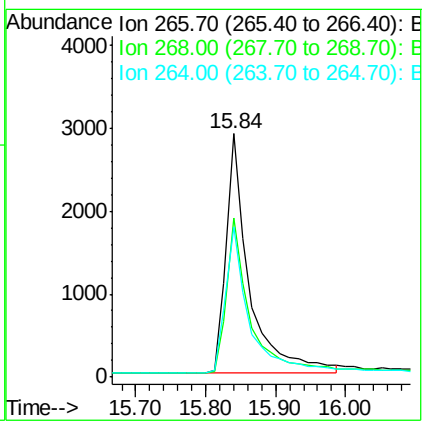


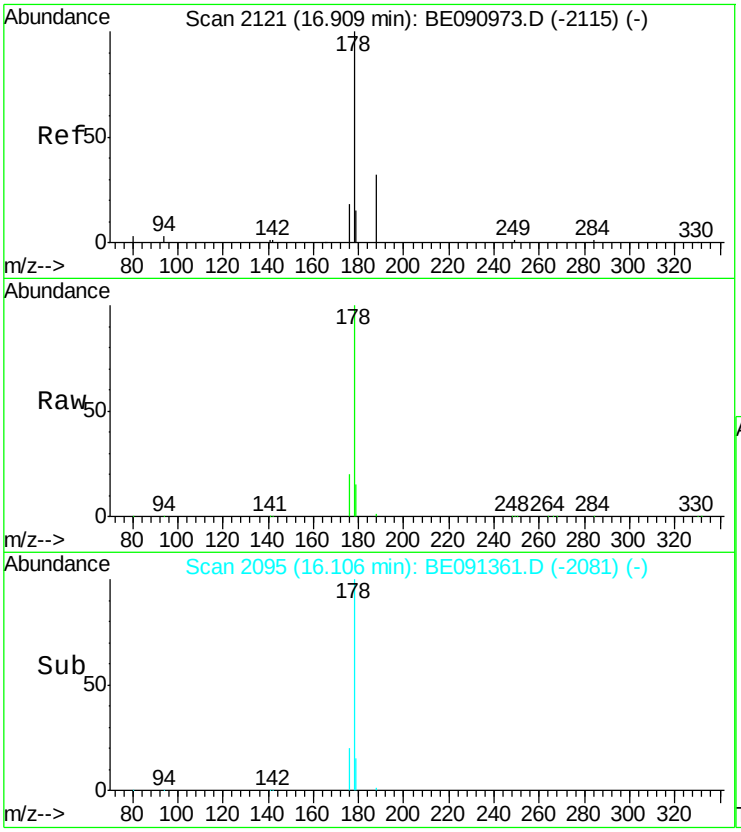


#22
Pentachlorophenol
Concen: 2.32 ng
RT: 15.84 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:266 Resp: 6654

Ion	Ratio	Lower	Upper
266	100		
268	65.5	61.2	91.8
264	61.5	61.8	92.6#



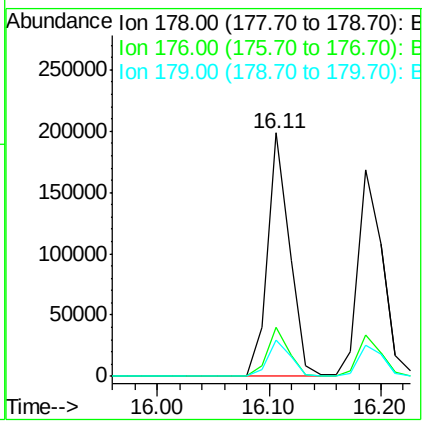


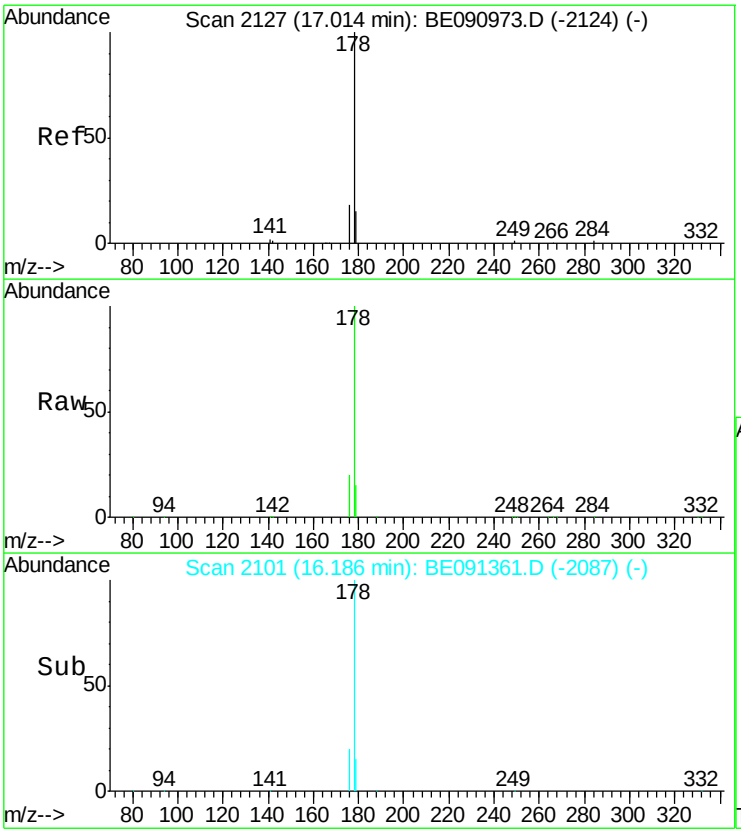
#23
Phenanthrene
Concen: 5.00 ng
RT: 16.11 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 276103

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.8	19.2

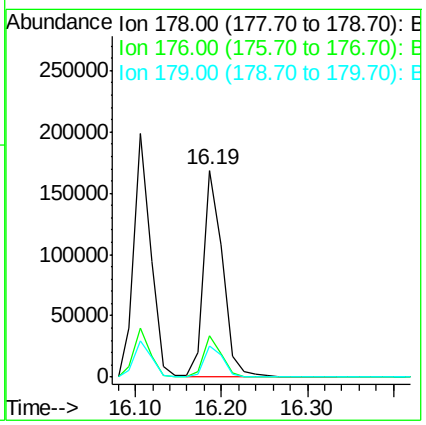


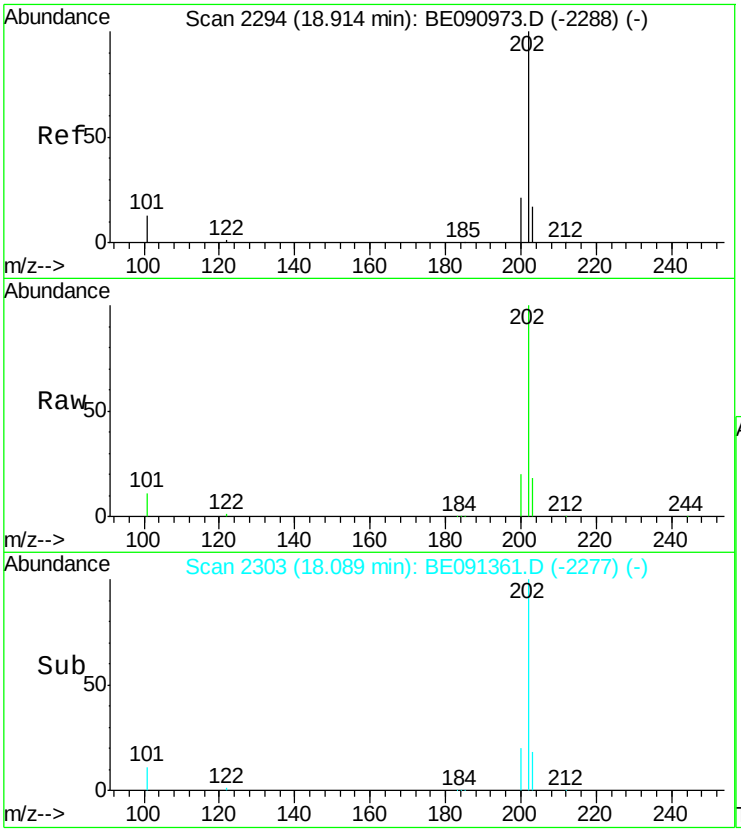


#24
Anthracene
Concen: 5.36 ng
RT: 16.19 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:178 Resp: 256666

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.6	12.4	18.6



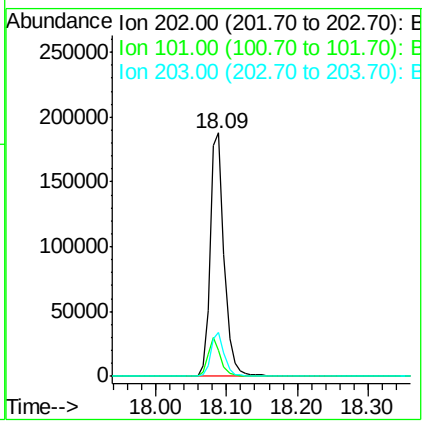


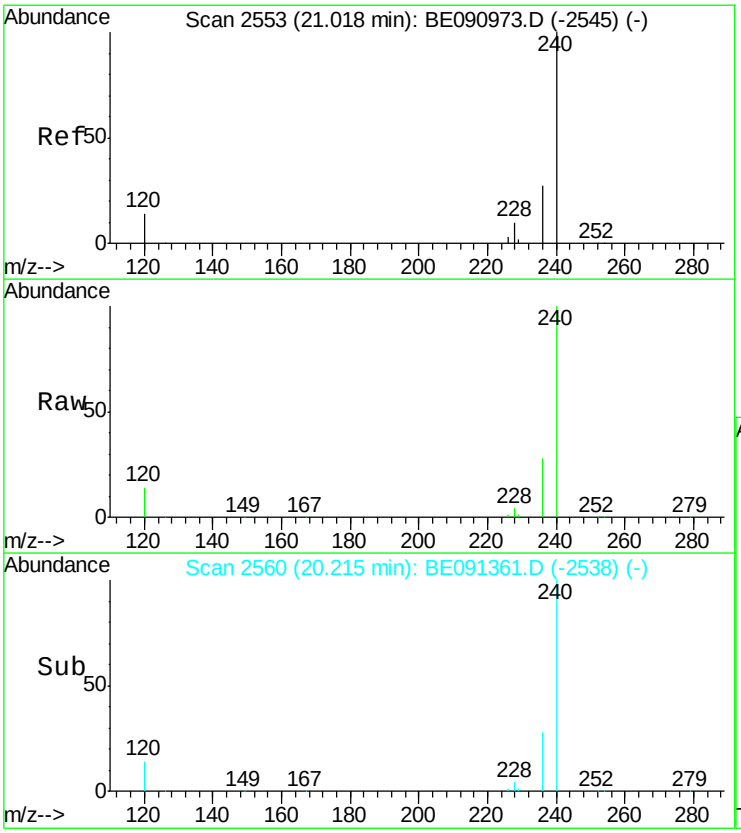
#25
Fluoranthene
Concen: 4.09 ng
RT: 18.09 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 259852

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.0	16.4
203	17.4	13.9	20.9

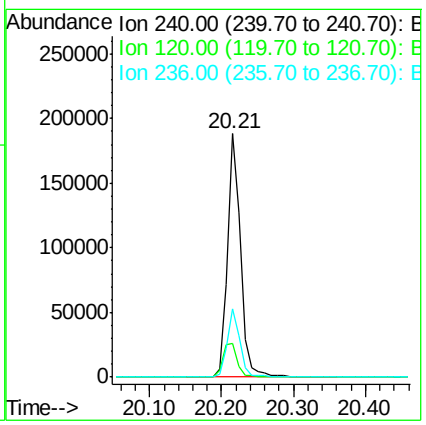


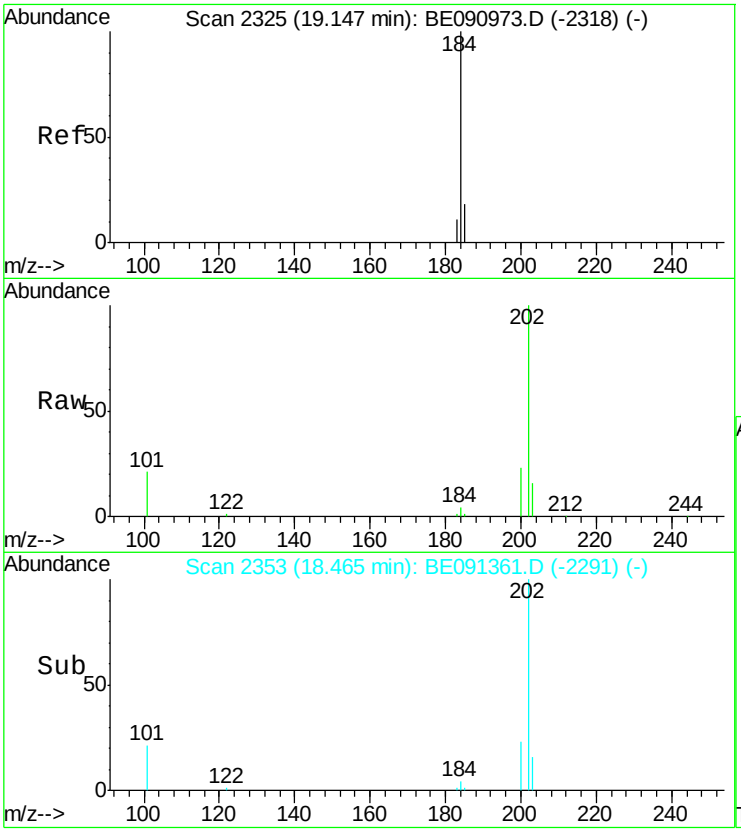


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:240 Resp: 239520

Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.6	19.0
236	28.1	22.7	34.1



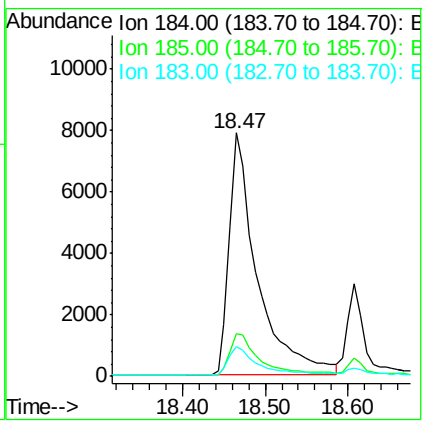


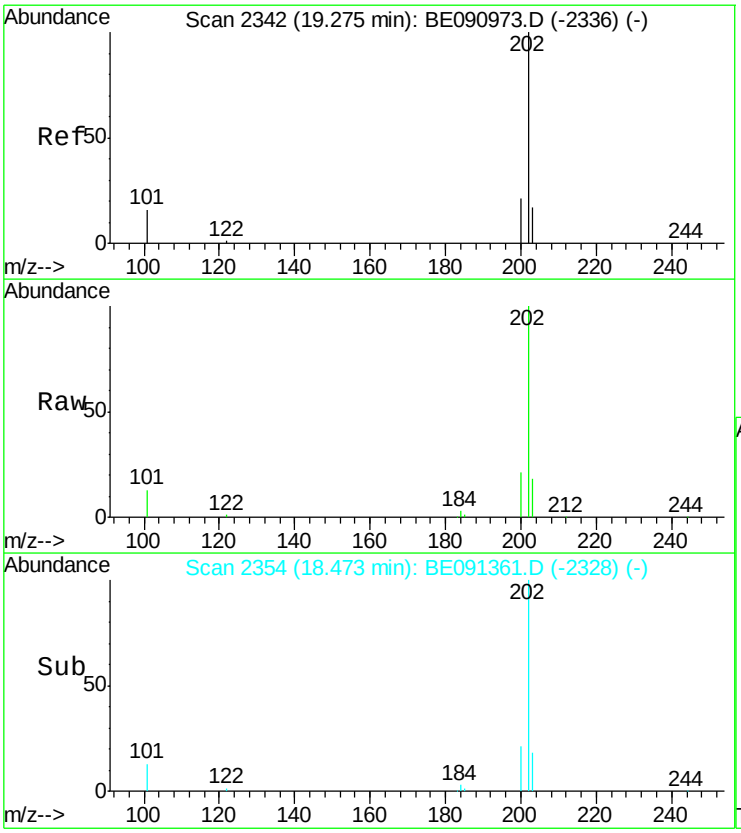
#27
Benzidine
Concen: 4.59 ng
RT: 18.47 min Scan# 2353
Delta R.T. -0.04 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 18472

Ion	Ratio	Lower	Upper
184	100		
185	17.7	22.0	33.0#
183	12.4	17.8	26.6#

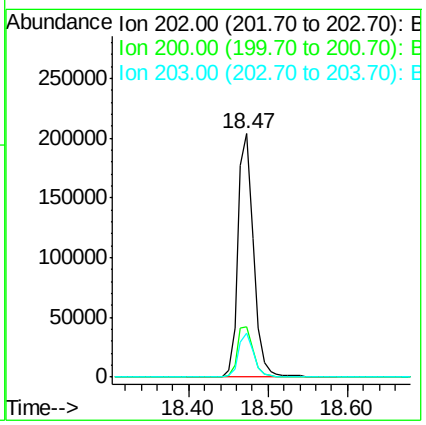


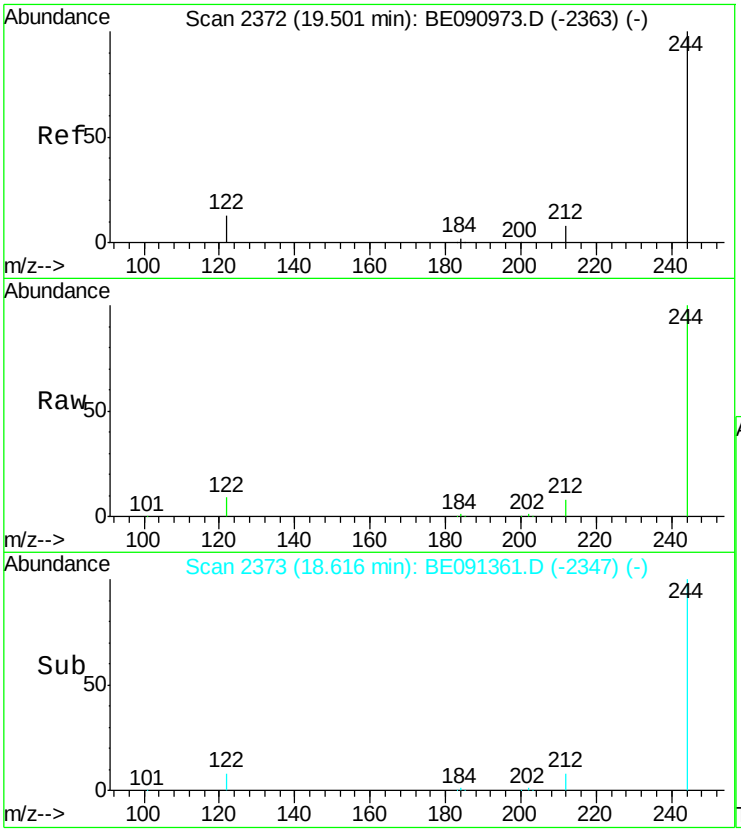


#28
Pyrene
Concen: 4.74 ng
RT: 18.47 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:202 Resp: 276792

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.5	14.2	21.4



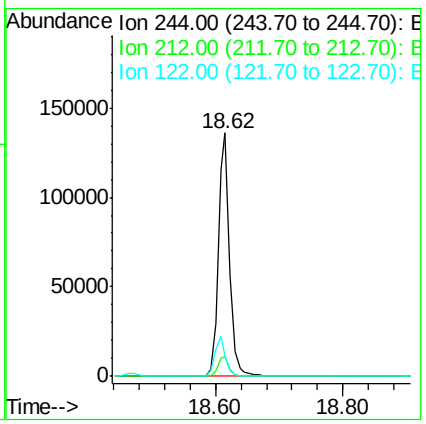


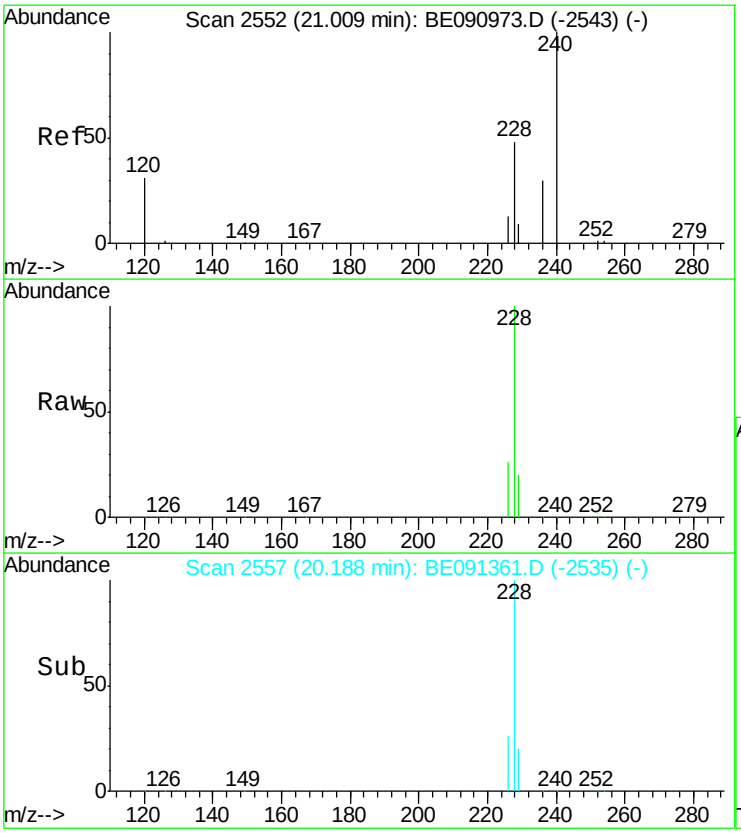
#29
Terphenyl-d14
Concen: 5.67 ng
RT: 18.62 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 166103

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.4
122	8.5	8.5	12.7

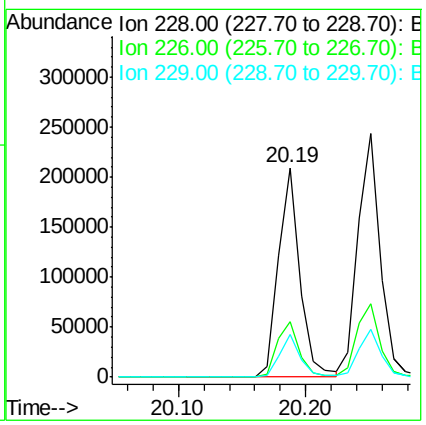


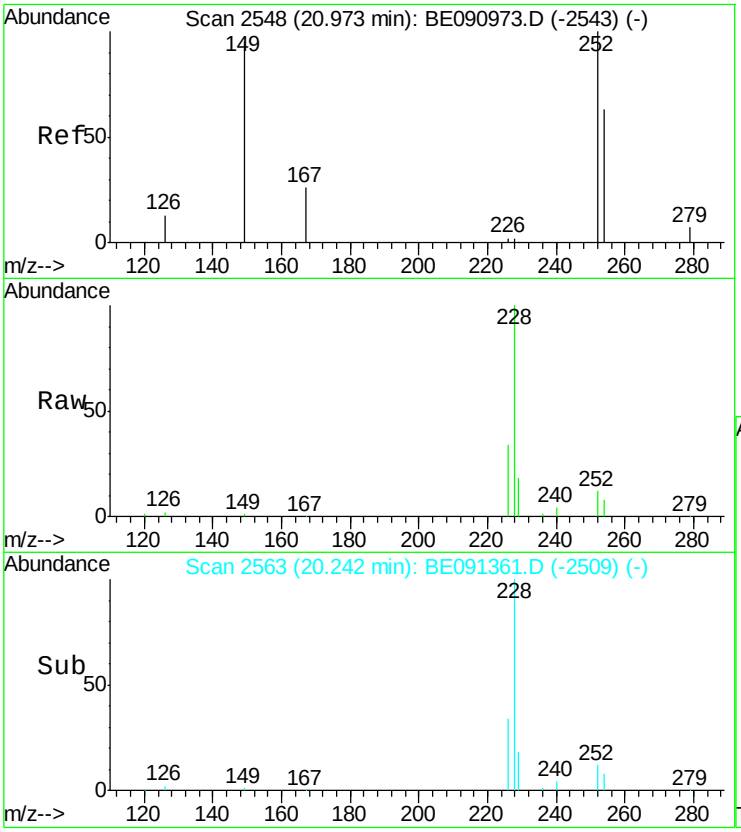


#30
Benzo(a)anthracene
Concen: 4.59 ng
RT: 20.19 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:228 Resp: 244159

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.5	33.7
229	20.2	16.2	24.4



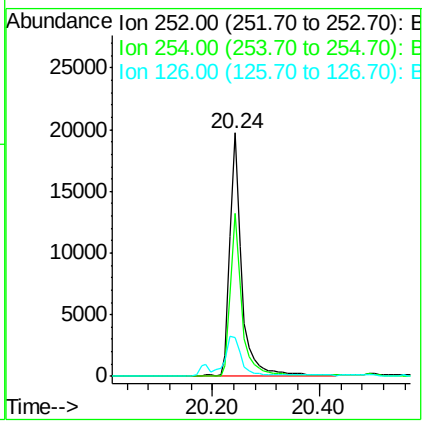


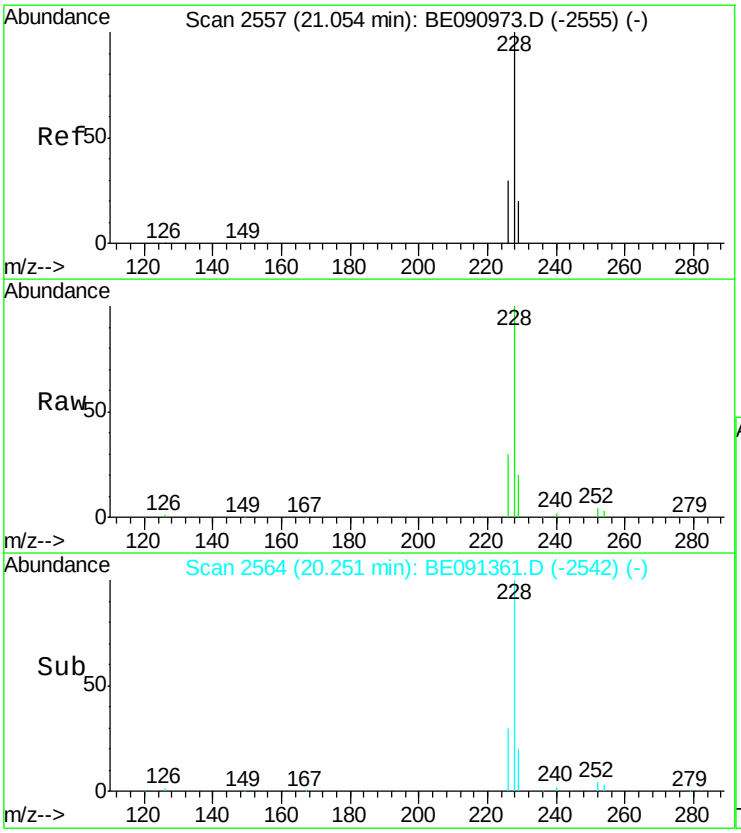
#31
3,3'-Dichlorobenzidine
Concen: 3.22 ng
RT: 20.24 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 29635

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	79.0
126	15.9	21.4	32.0#

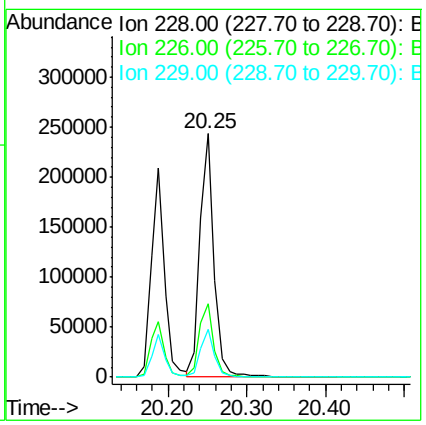


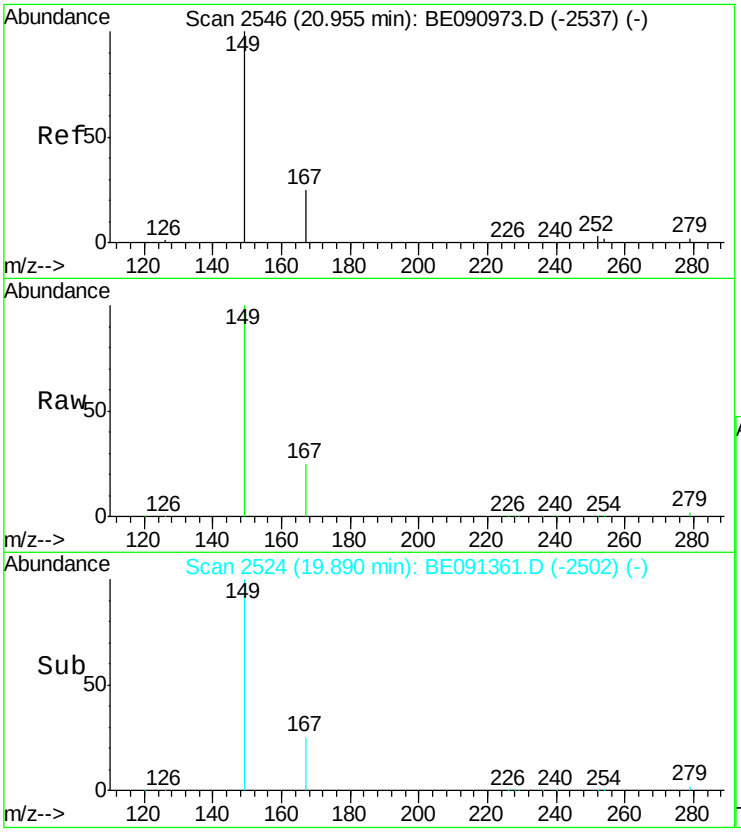


#32
Chrysene
Concen: 4.22 ng
RT: 20.25 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:228 Resp: 302382

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	19.8	16.0	24.0



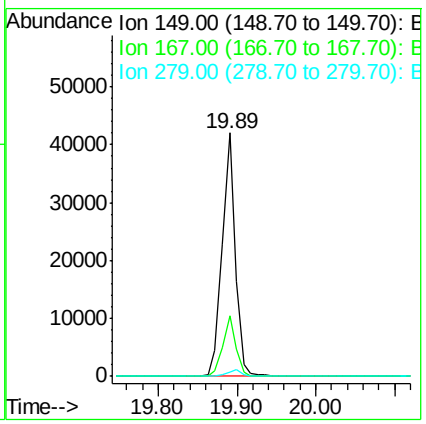


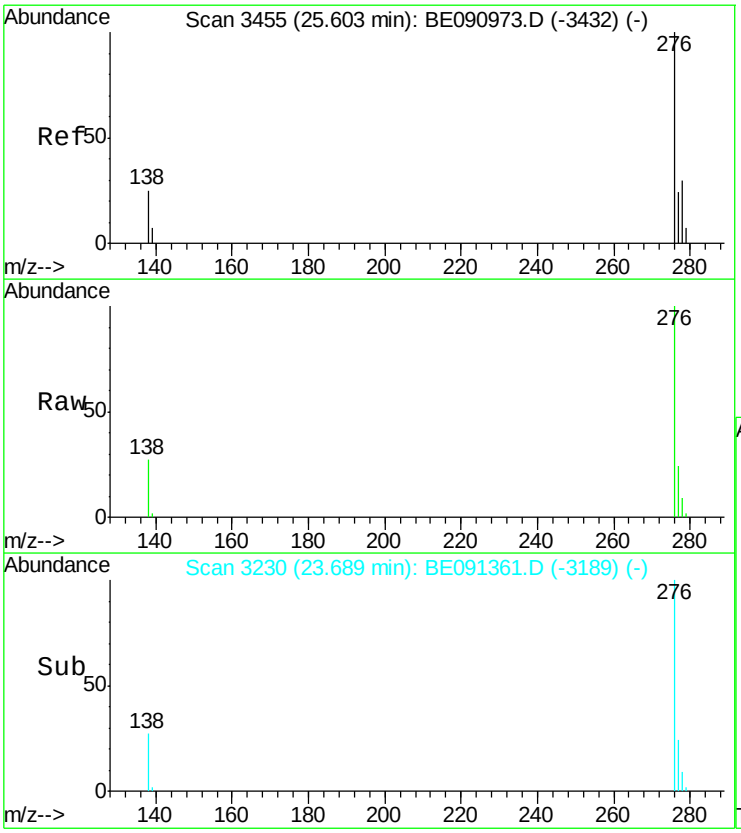
#33
Bis(2-ethylhexyl)phthalate
Concen: 2.24 ng
RT: 19.89 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 48160

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.6	32.4
279	2.6	2.2	3.4

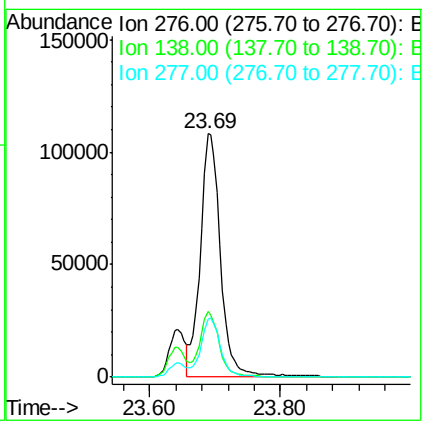


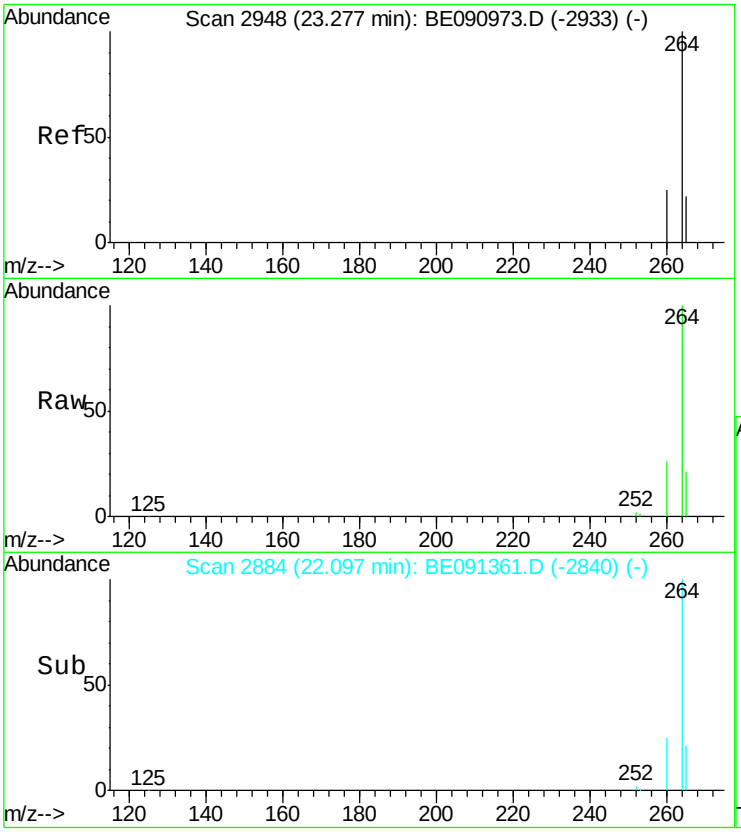


#34
Indeno(1,2,3-cd)pyrene
Concen: 4.16 ng
RT: 23.69 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:276 Resp: 229850

Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.5	33.7
277	23.6	20.0	30.0



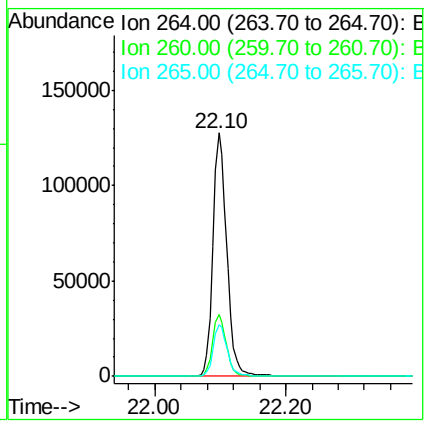


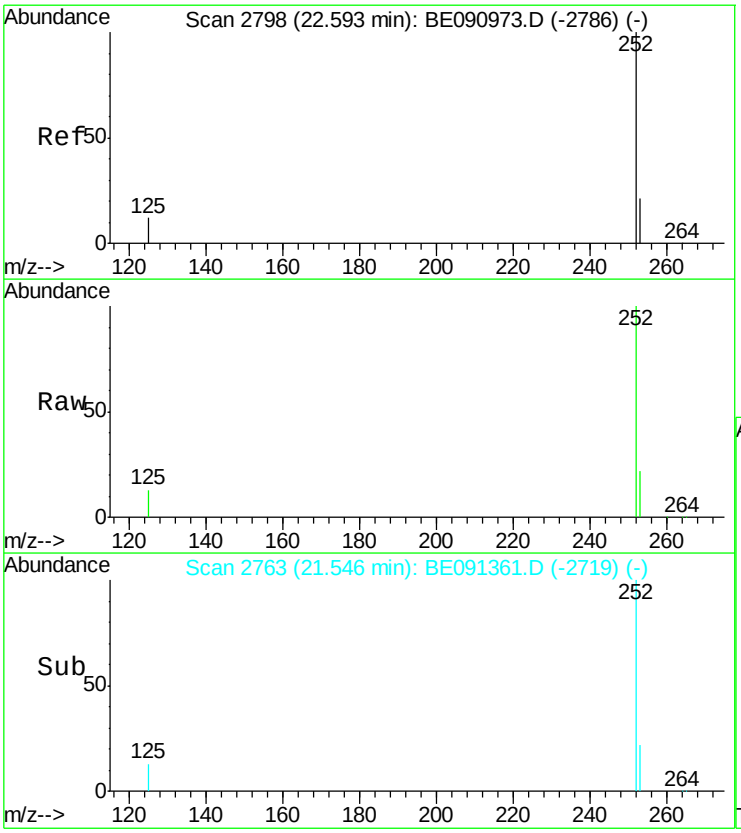
#35
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 188385

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	21.1	17.2	25.8

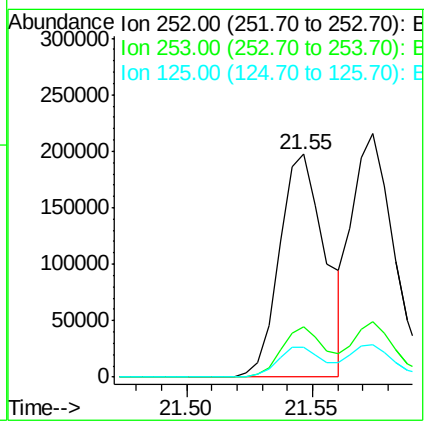


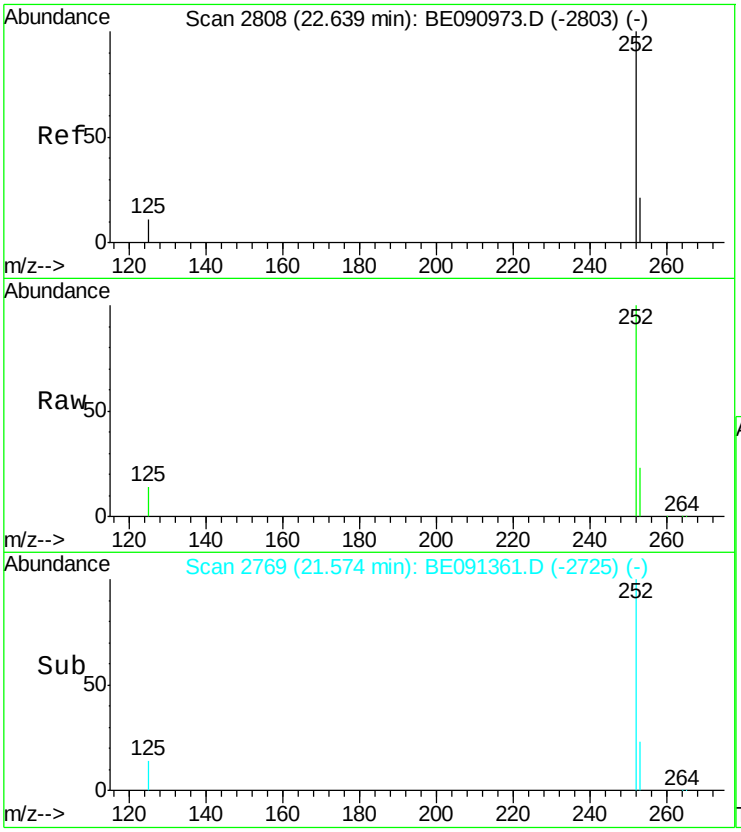


#36
Benzo(b)fluoranthene
Concen: 6.18 ng
RT: 21.55 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:252 Resp: 249683

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.3	11.0	16.6



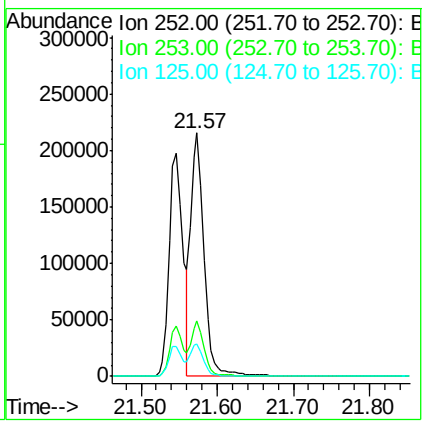


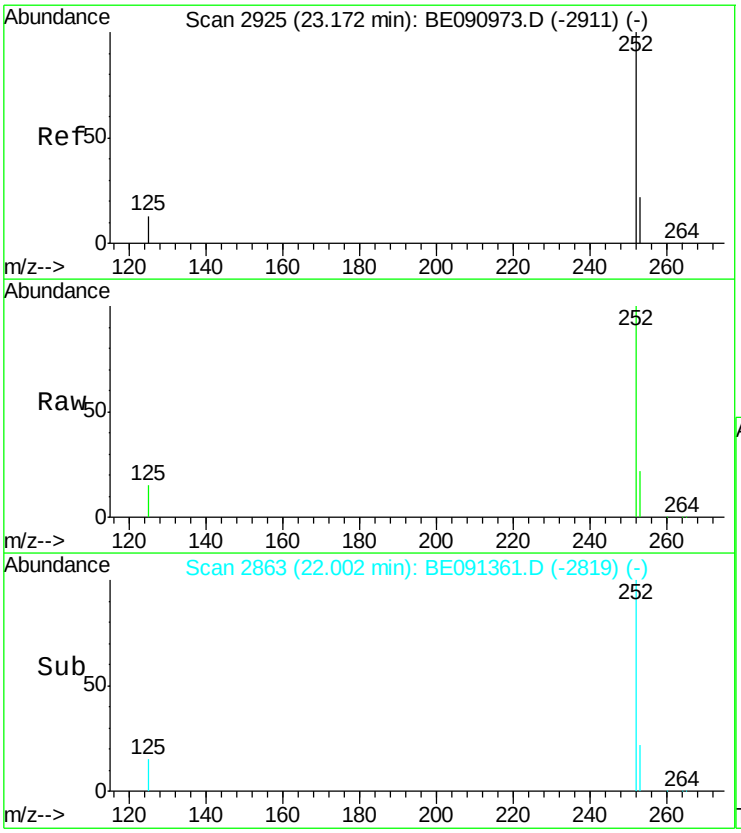
#37
Benzo(k)fluoranthene
Concen: 4.66 ng
RT: 21.57 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 257521

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.6	11.3	16.9

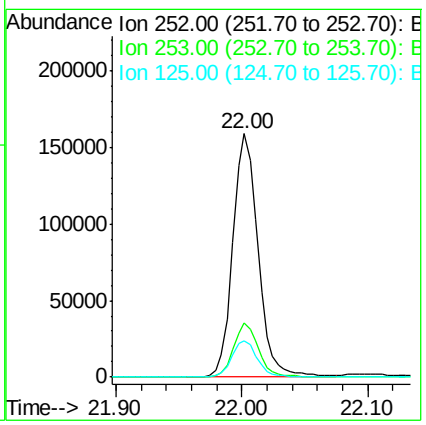


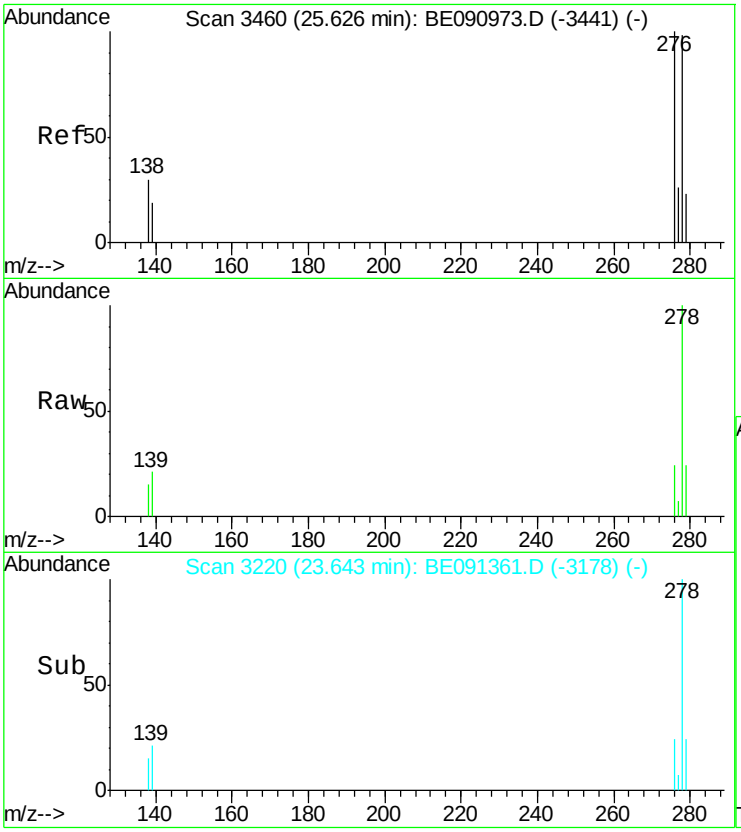


#38
Benzo(a)pyrene
Concen: 5.76 ng
RT: 22.00 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:252 Resp: 221332

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	15.0	12.2	18.4



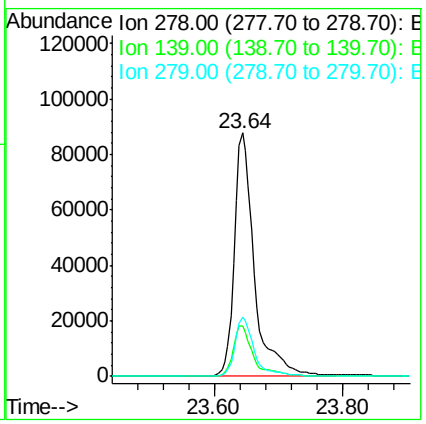


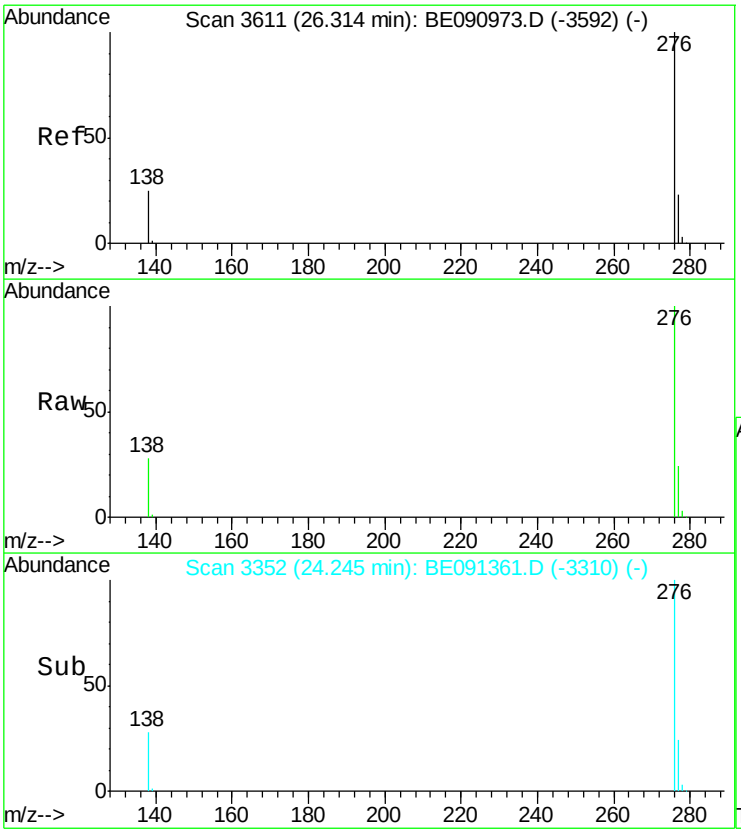
#39
Dibenzo(a,h)anthracene
Concen: 5.20 ng
RT: 23.64 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 189716

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.3	24.5
279	24.3	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 5.34 ng
RT: 24.24 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BE091361.D
Acq: 14 Jan 2016 21:27

Tgt Ion:276 Resp: 214464

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.6
138	28.1	23.3	34.9