Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092952.D
Acq On : 6 May 2017 5:04
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 06 06:54:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	728	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3172	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1540	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4029	0.40	ng		0.00
26) Chrysene-d12	21.28	240	4434	0.40	ng		0.00
33) Perylene-d12	23.69	264	3696	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	783	0.48	ng		0.00
5) Phenol-d6	6.94	99	1090	0.48	ng		0.00
8) Nitrobenzene-d5	8.90	82	996	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1823	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	133	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2594	0.37	ng		0.00
24) Fluoranthene-d10	19.15	212	3768	0.40	ng		0.00
28) Terphenyl-d14	19.74	244	2915	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	512	0.37	ng		98
3) n-Nitrosodimethylamine	3.61	42	461	0.43	ng	#	86
6) bis(2-Chloroethyl)ether	7.20	93	1020	0.38	ng		98
9) Naphthalene	10.58	128	3215	0.38	ng	#	87
10) Hexachlorobutadiene	10.89	225	417	0.36	ng		96
12) 2-Methylnaphthalene	12.19	142	2020	0.39	ng	#	93
16) Acenaphthylene	14.10	152	9885	0.41	ng		99
17) Acenaphthene	14.44	154	1873	0.39	ng		96
18) Fluorene	15.43	166	2279	0.38	ng		99
20) Hexachlorobenzene	16.46	284	618	0.36	ng	#	100
21) Pentachlorophenol	16.79	266	213	0.64	ng	#	79
22) Phenanthrene	17.18	178	4381	0.39	ng		98
23) Anthracene	17.27	178	3470	0.40	ng		99
25) Fluoranthene	19.17	202	19056	0.39	ng	#	99
27) Pyrene	19.53	202	21333	0.37	ng	#	100
29) Benzo(a)anthracene	21.27	228	4190	0.40	ng	#	82
30) Chrysene	21.32	228	5027	0.38	ng	#	82
31) Bis(2-ethylhexyl)phthalate	21.20	149	1520	0.53	ng	#	95
32) Indeno(1,2,3-cd)pyrene	26.22	276	18063	0.38	ng		99
34) Benzo(b)fluoranthene	22.95	252	4273	0.35	ng	#	82
35) Benzo(k)fluoranthene	22.99	252	4571	0.38	ng	#	81
36) Benzo(a)pyrene	23.58	252	3853	0.39	ng	#	74
37) Dibenzo(a,h)anthracene	26.25	278	3862	0.35	ng	#	77
38) Benzo(g,h,i)perylene	27.00	276	16073	0.34	ng	#	80

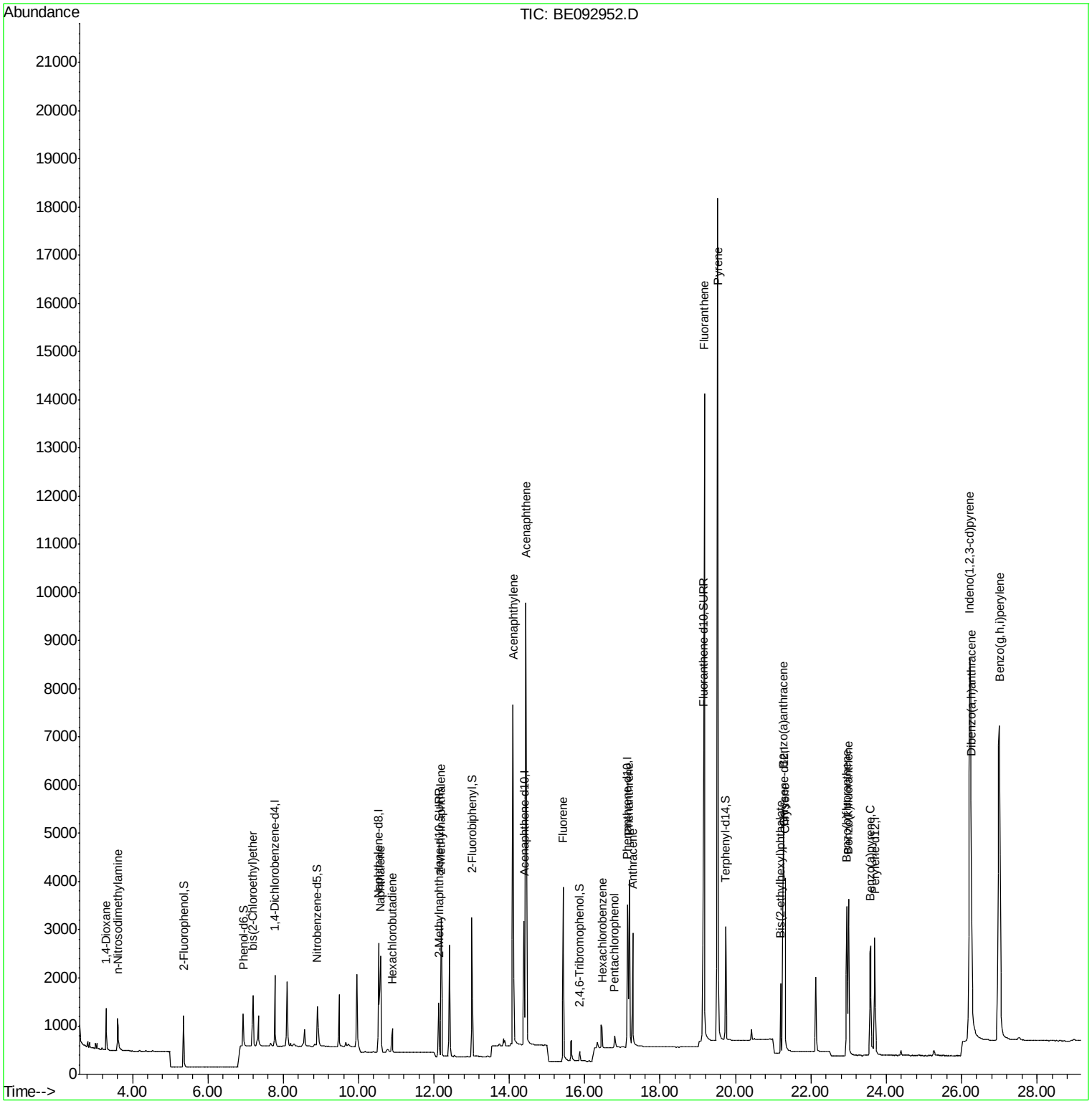
(#) = qualifier out of range (m) = manual integration (+) = signals summed

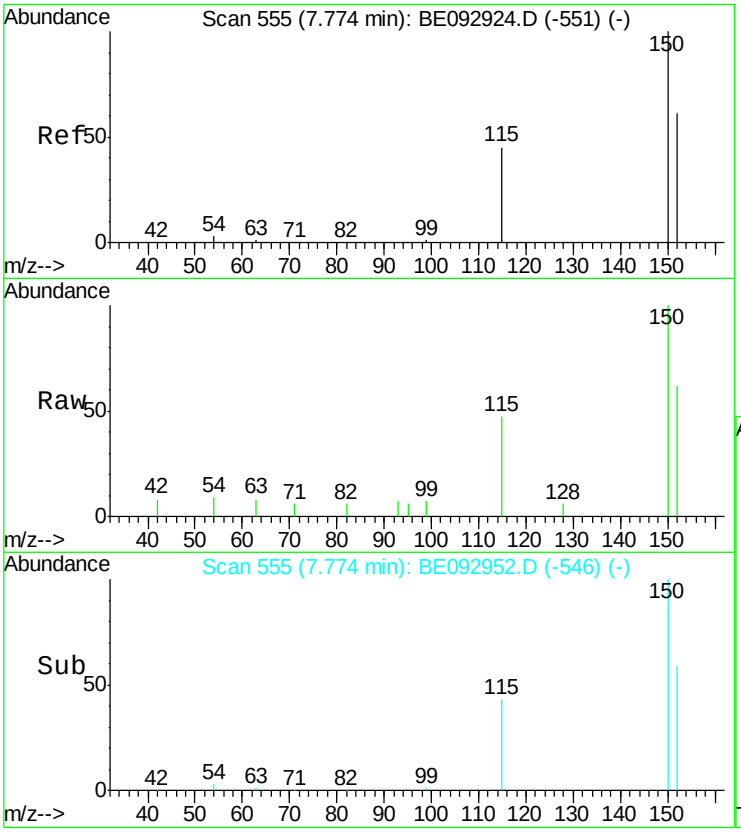
Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092952.D
Acq On : 6 May 2017 5:04
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 06 06:54:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration



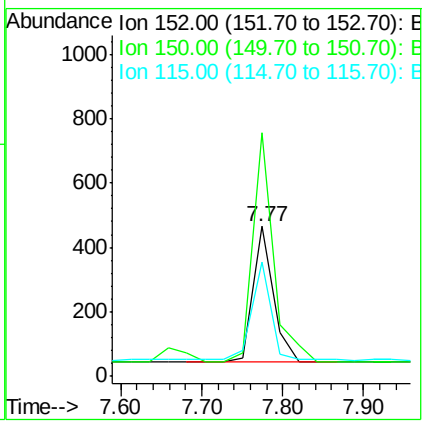


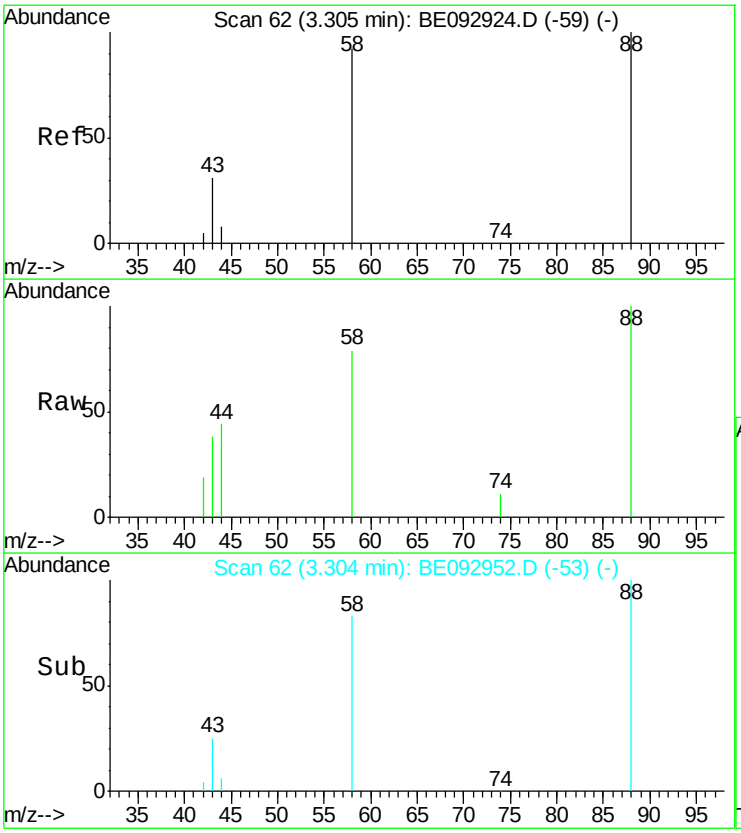
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 728

Ion	Ratio	Lower	Upper
152	100		
150	162.6	129.9	194.9
115	76.6	62.6	93.8

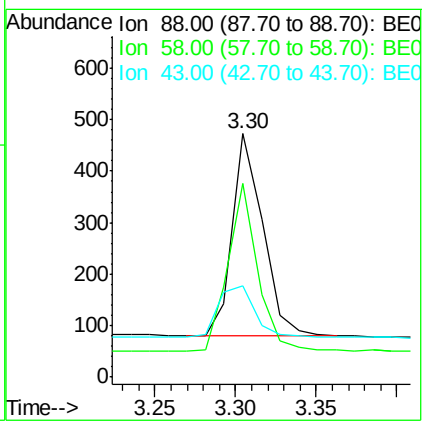


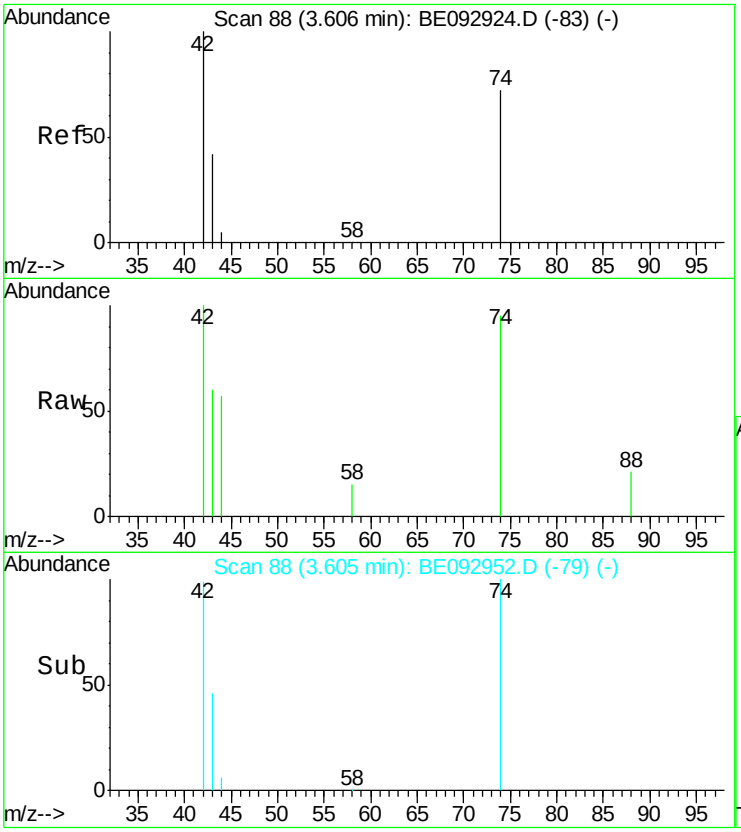


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion: 88 Resp: 512

Ion	Ratio	Lower	Upper
88	100		
58	80.9	64.9	97.3
43	29.7	26.6	40.0



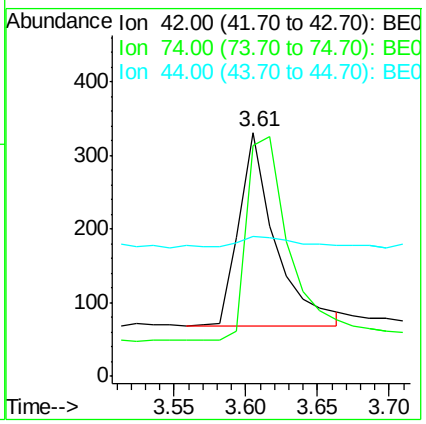


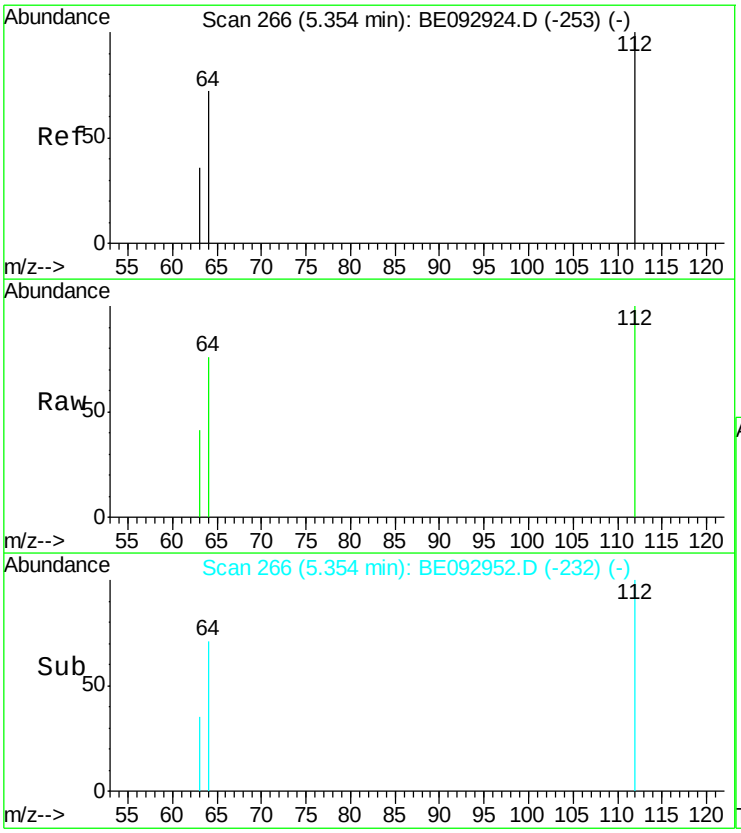
#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 461

Ion	Ratio	Lower	Upper
42	100		
74	125.6	106.6	160.0
44	7.2	25.7	38.5#

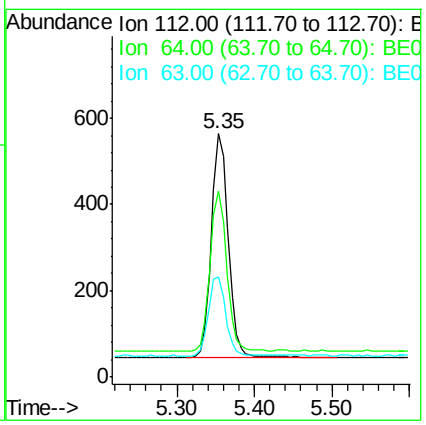


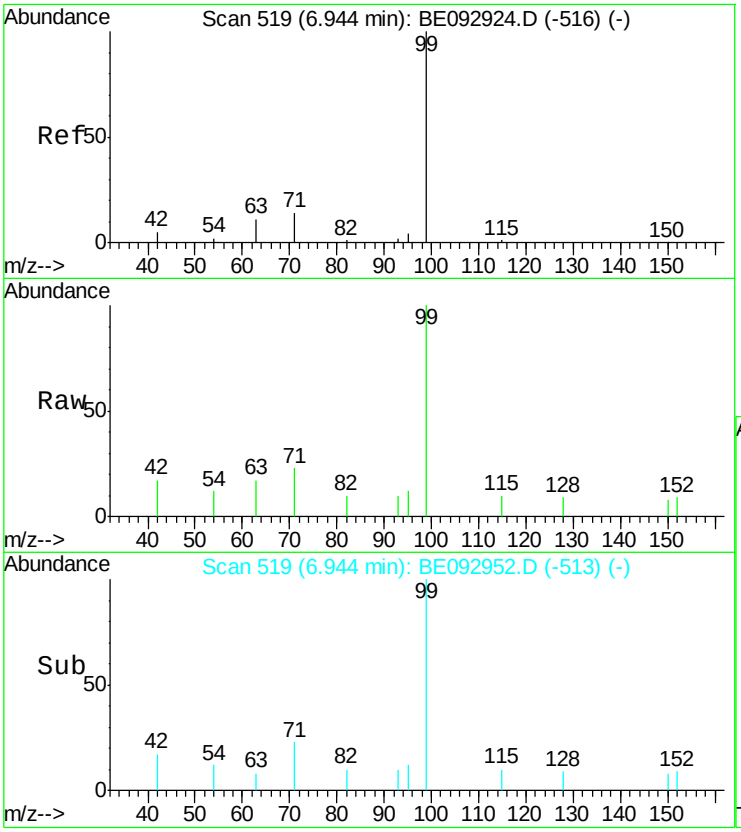


#4
2-Fluorophenol
Concen: 0.48 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:112 Resp: 783

Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.6	79.0
63	36.1	29.0	43.4



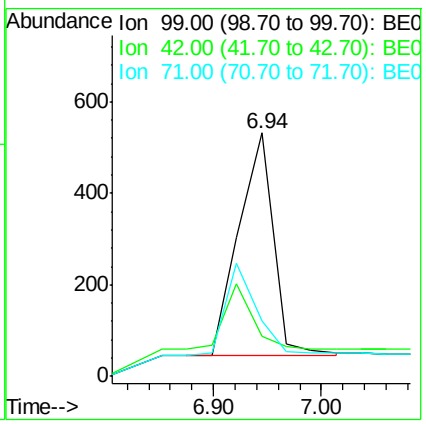


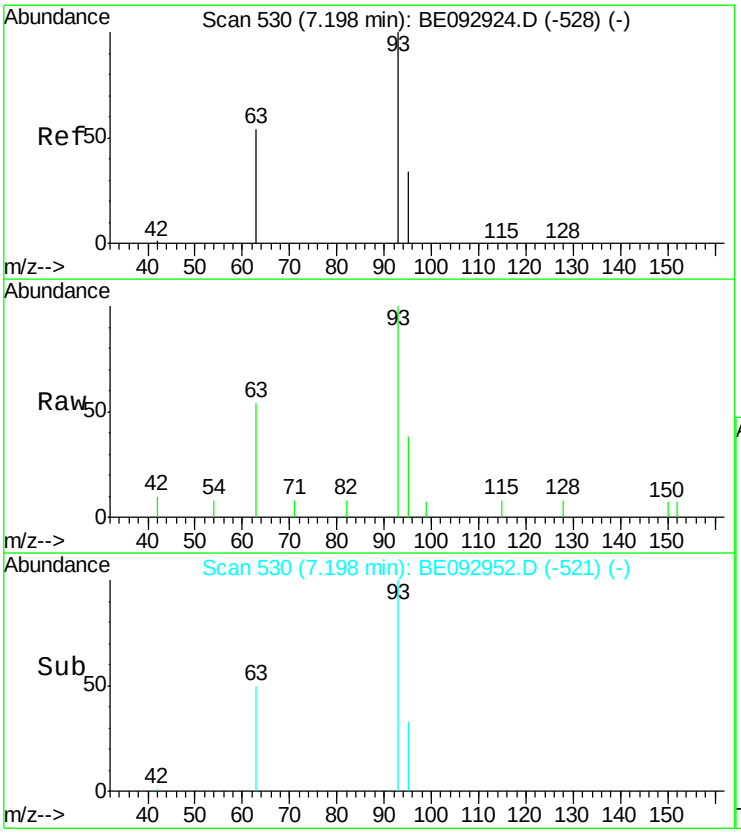
#5
Phenol-d6
Concen: 0.48 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1090

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

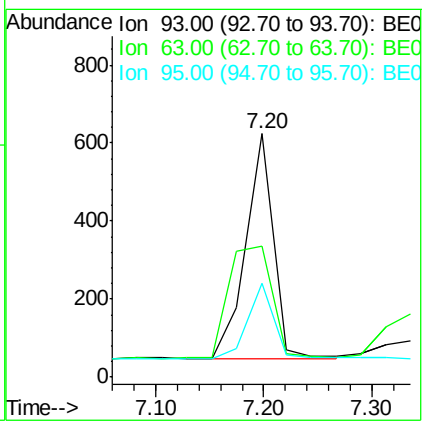


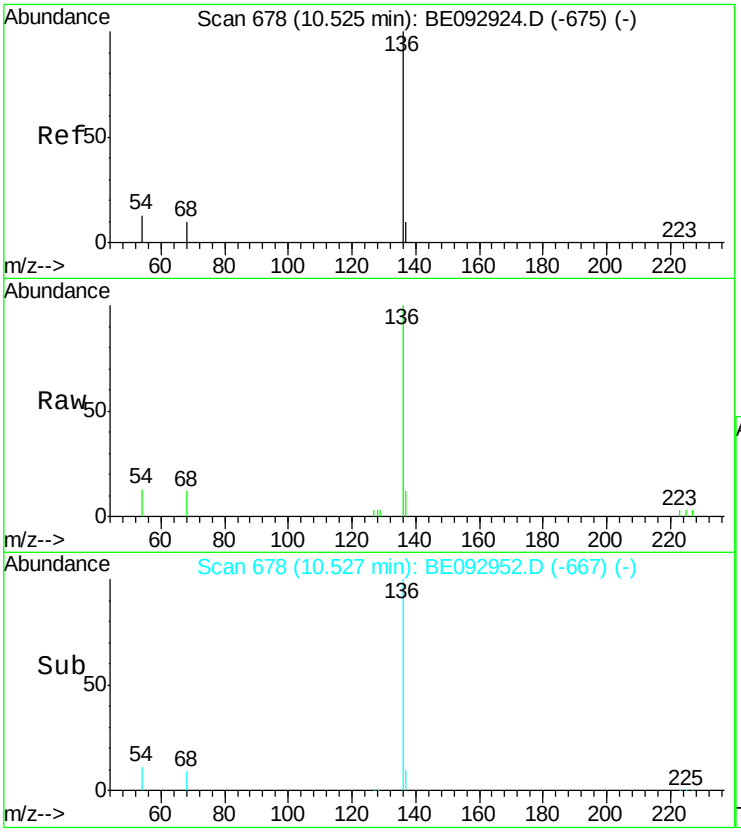


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion: 93 Resp: 1020

Ion	Ratio	Lower	Upper
93	100		
63	79.0	61.2	91.8
95	31.2	25.5	38.3



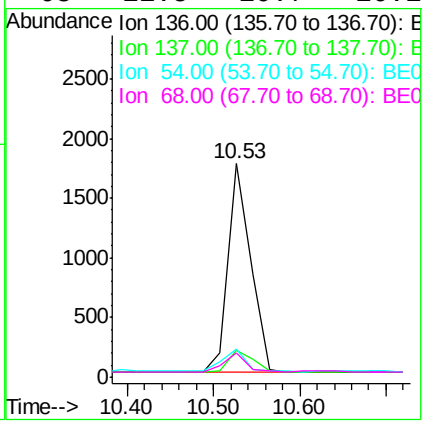


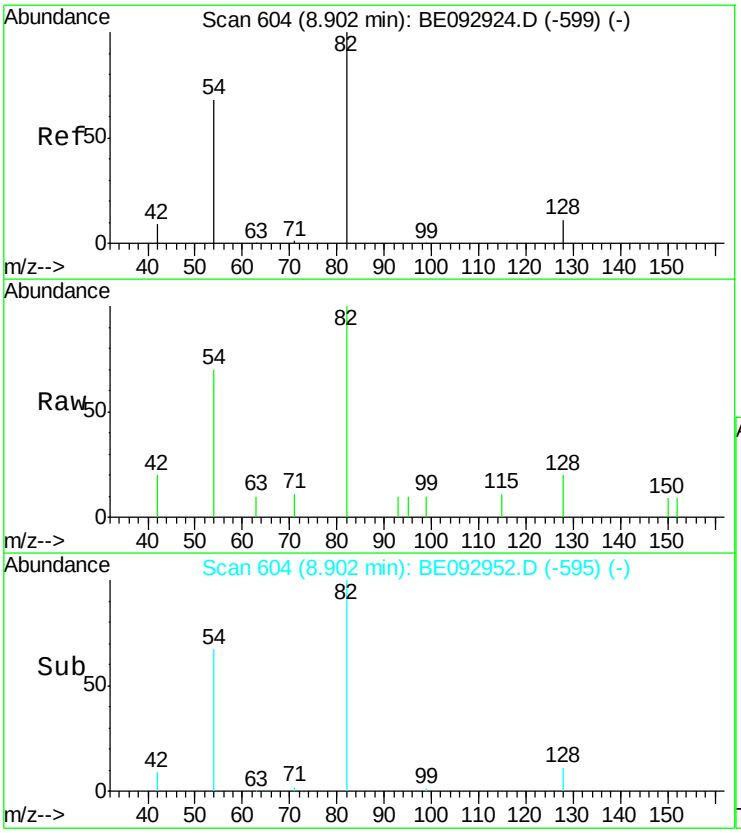
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3172

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	13.1	12.6	18.8
68	11.5	10.7	16.1

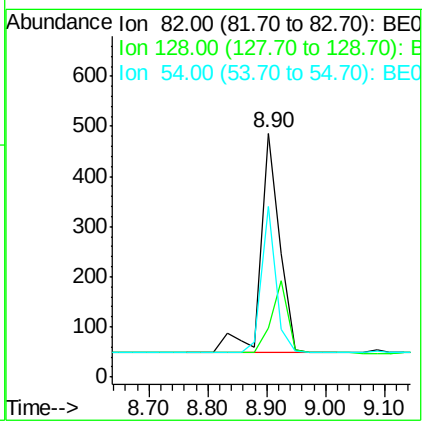


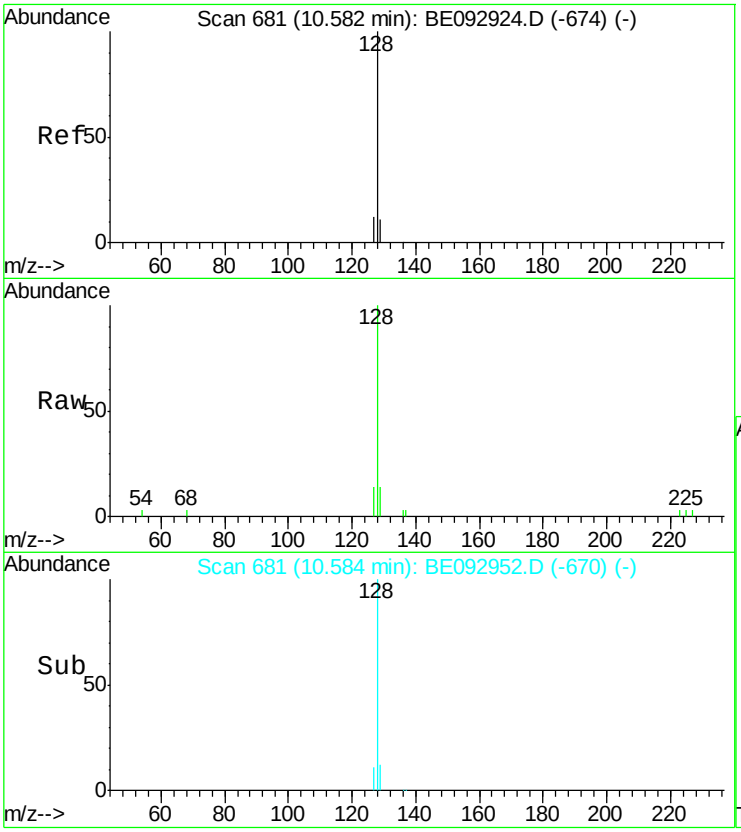


#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion: 82 Resp: 996

Ion	Ratio	Lower	Upper
82	100		
128	20.2	35.3	52.9#
54	70.0	65.1	97.7



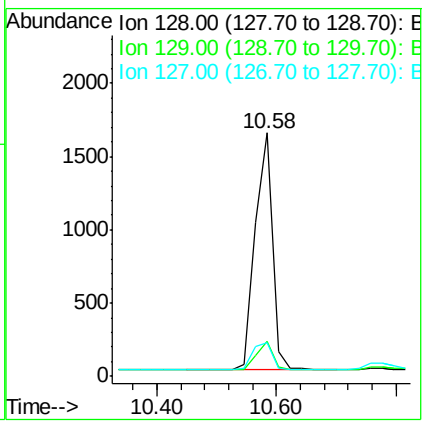


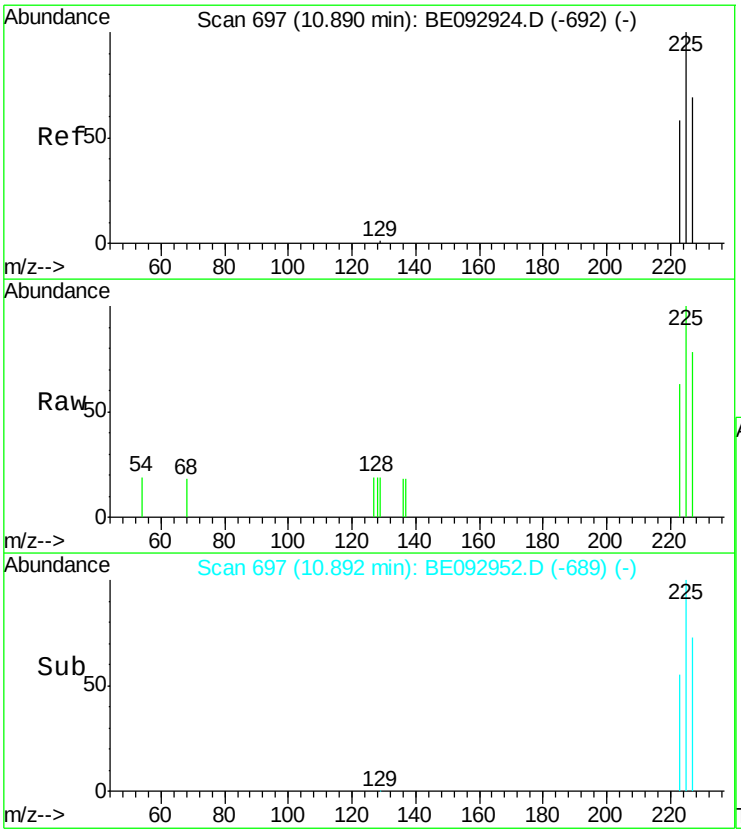
#9
Naphthalene
Concen: 0.38 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3215

Ion	Ratio	Lower	Upper
128	100		
129	14.1	15.8	23.8#
127	13.8	16.0	24.0#

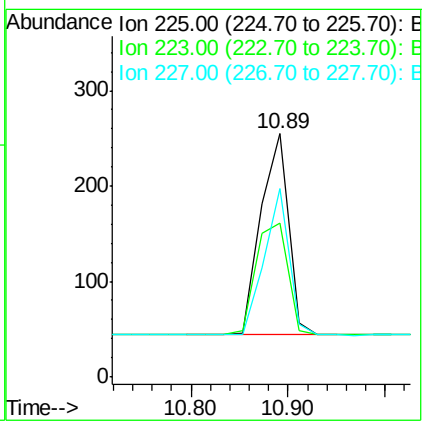


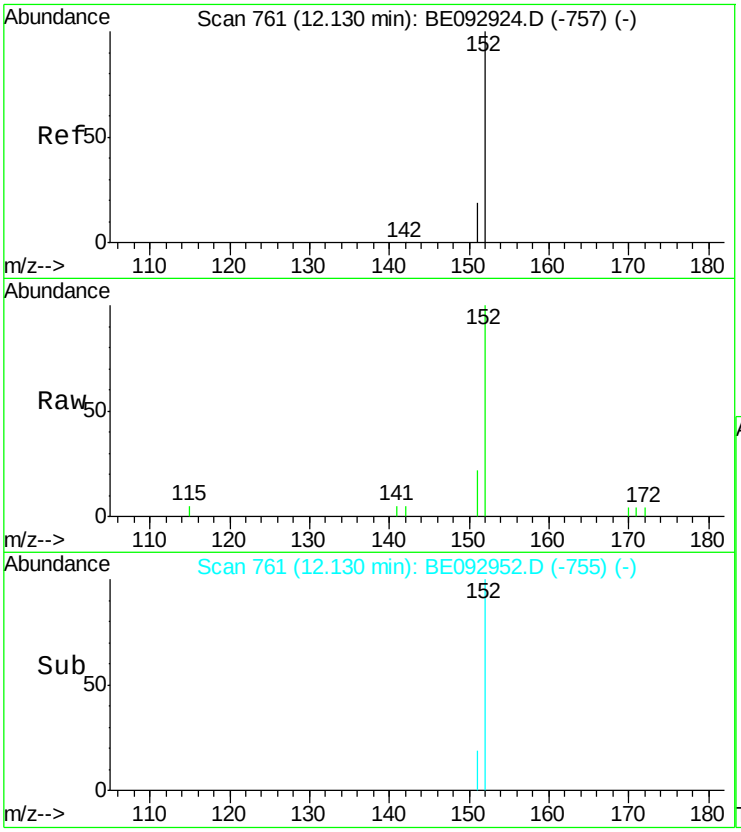


#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:225 Resp: 417

Ion	Ratio	Lower	Upper
225	100		
223	64.7	55.4	83.2
227	67.1	52.2	78.4



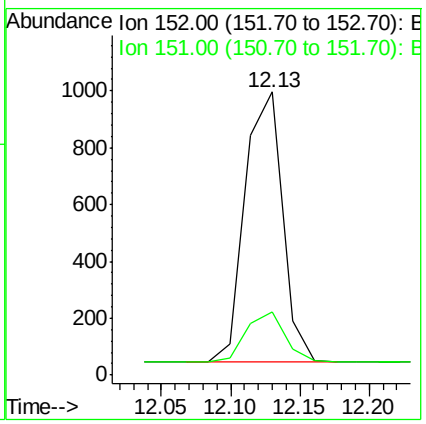


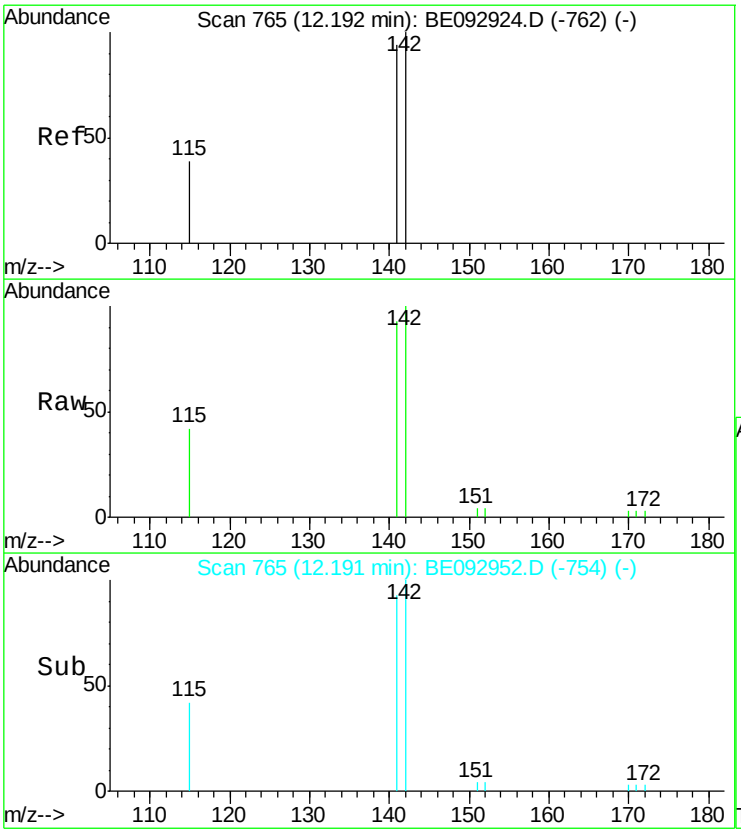
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1823

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5

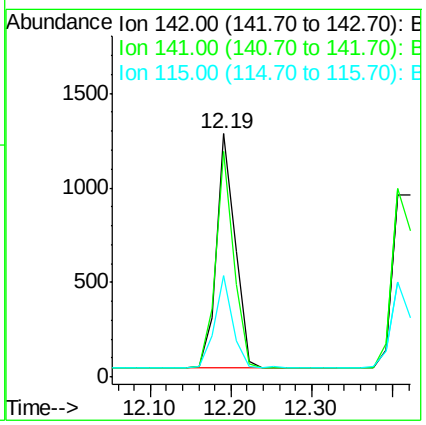


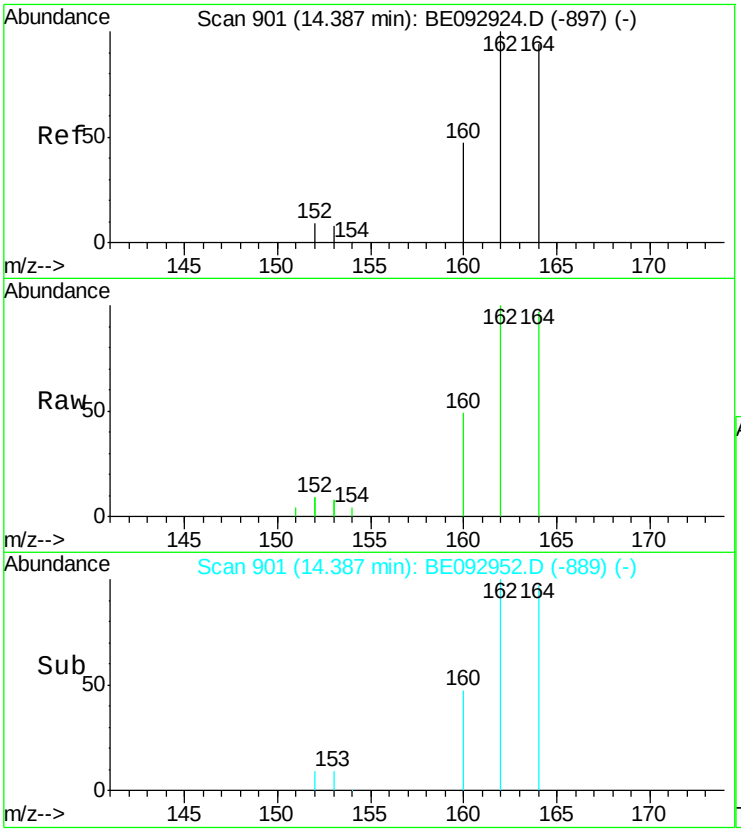


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:142 Resp: 2020

Ion	Ratio	Lower	Upper
142	100		
141	92.5	76.0	114.0
115	41.6	41.6	62.4#



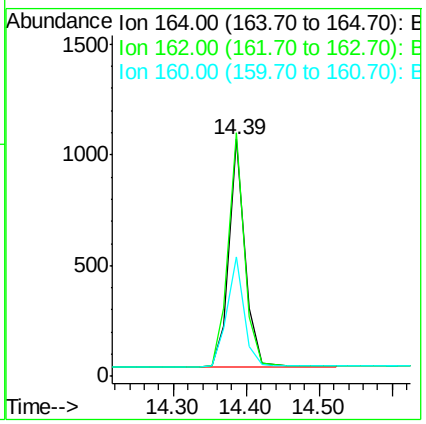


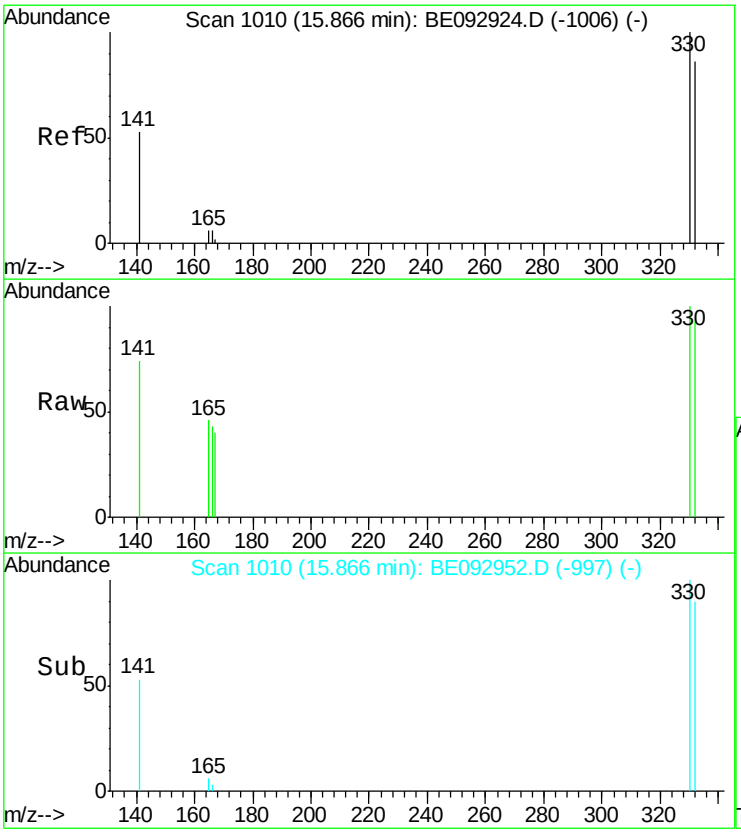
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1540

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.6	130.0
160	50.5	44.5	66.7

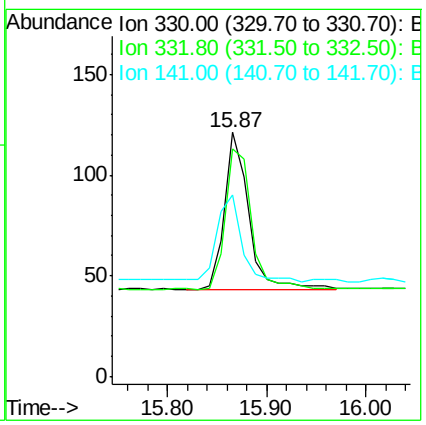


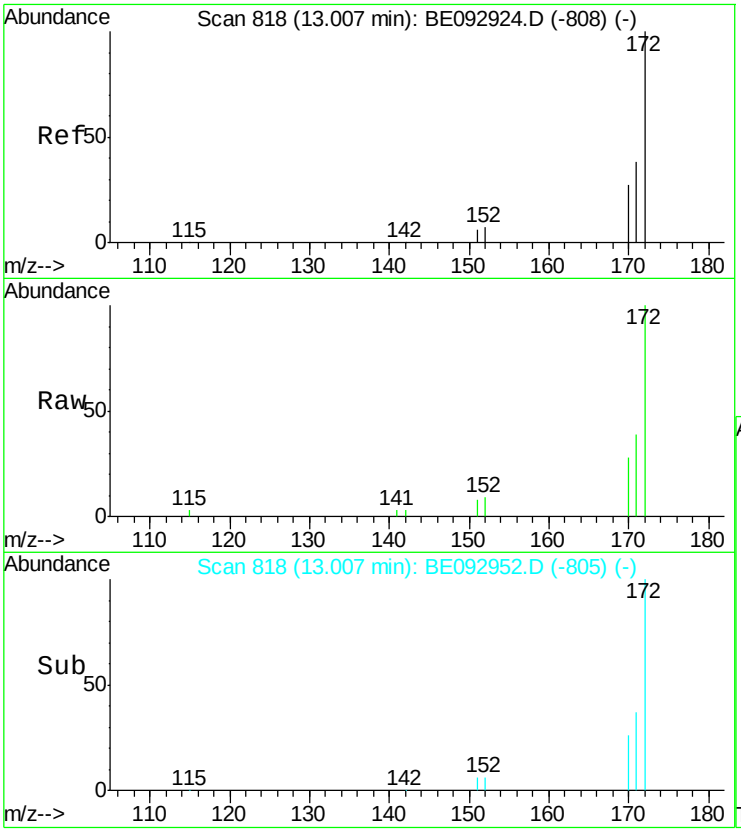


#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:330 Resp: 133

Ion	Ratio	Lower	Upper
330	100		
332	98.5	69.1	103.7
141	57.1	54.6	81.8



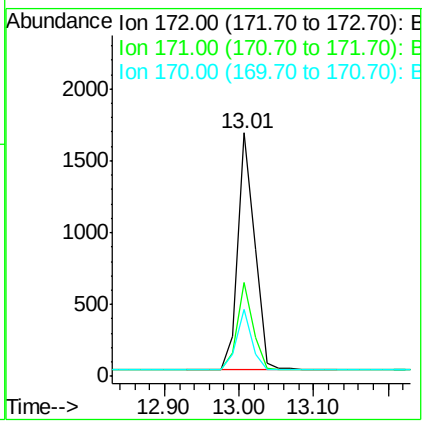


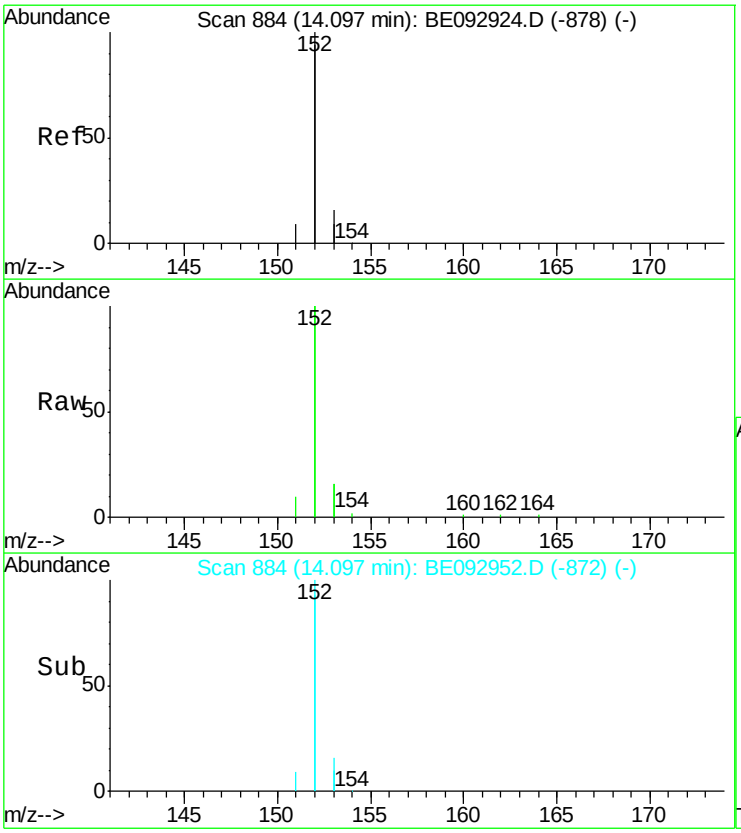
#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2594

Ion	Ratio	Lower	Upper
172	100		
171	38.8	35.8	53.6
170	27.6	28.5	42.7#

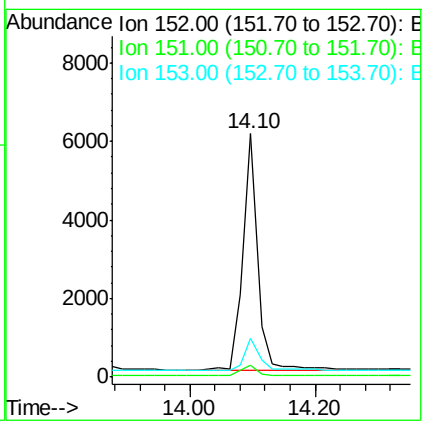


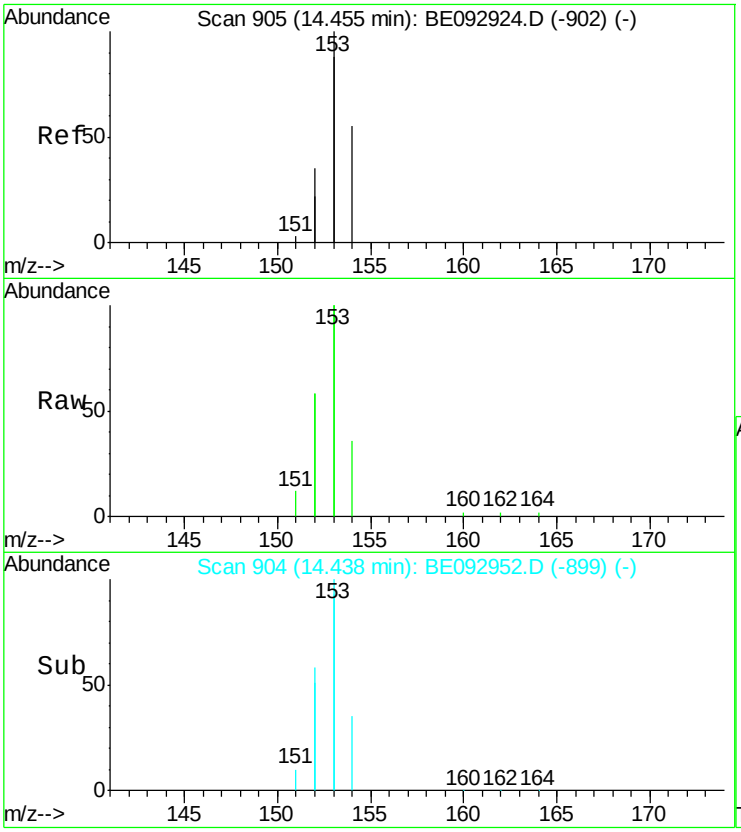


#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:152 Resp: 9885

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	12.8	10.0	15.0



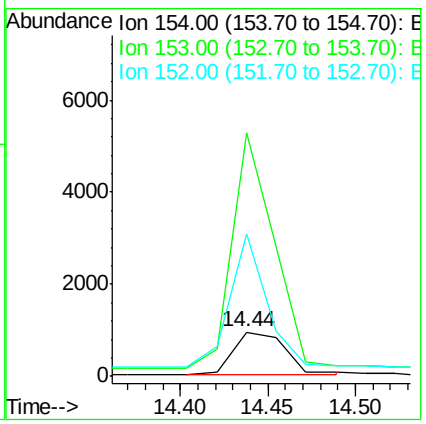


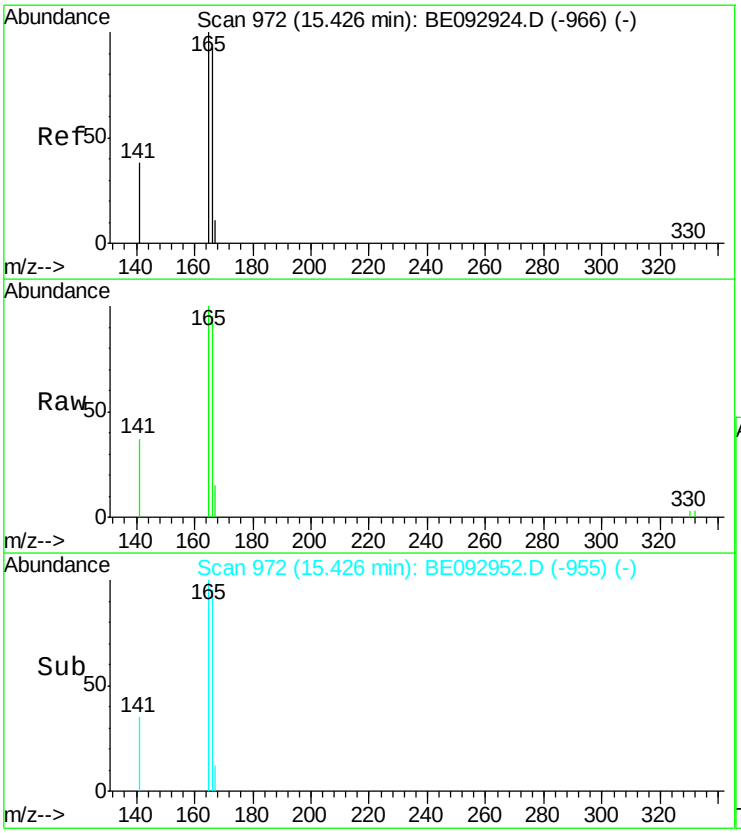
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1873

Ion	Ratio	Lower	Upper
154	100		
153	453.4	355.6	533.4
152	228.0	177.8	266.8

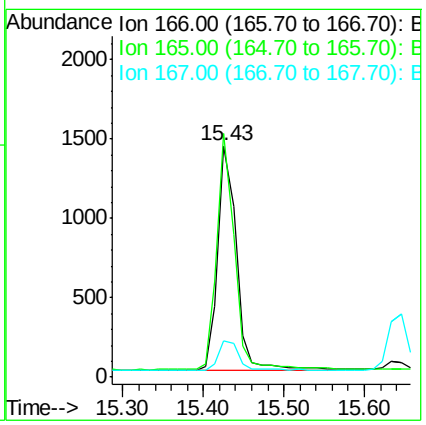


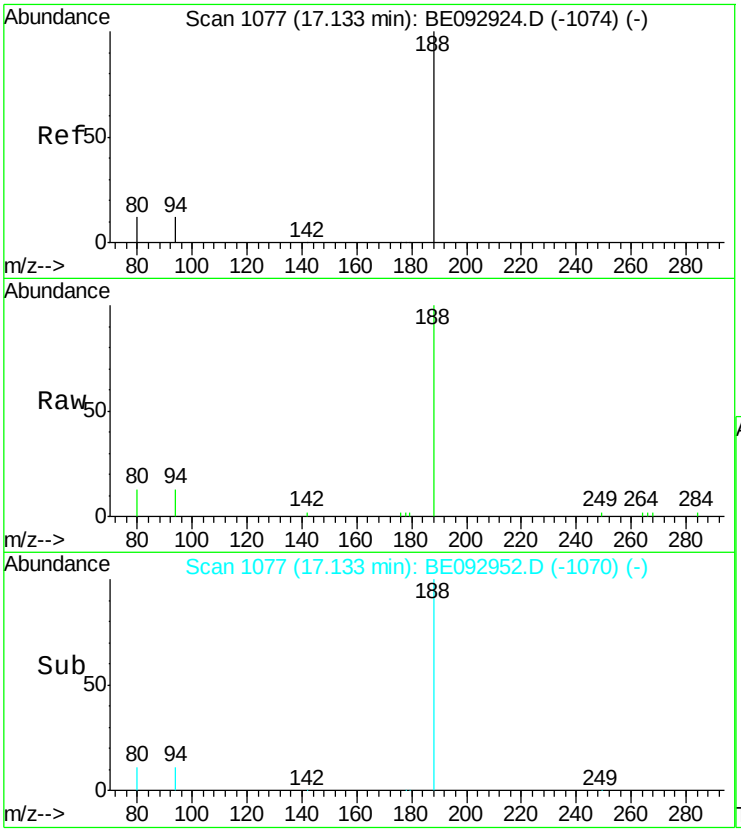


#18
Fluorene
Concen: 0.38 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:166 Resp: 2279

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.7	121.1
167	14.2	11.3	16.9



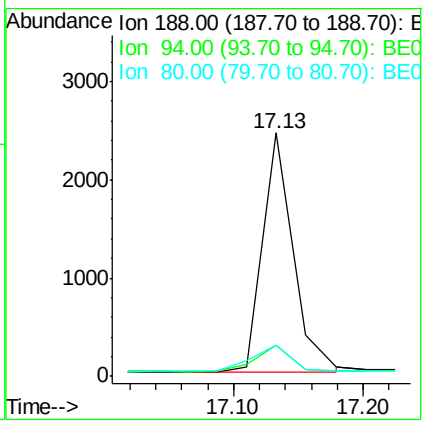


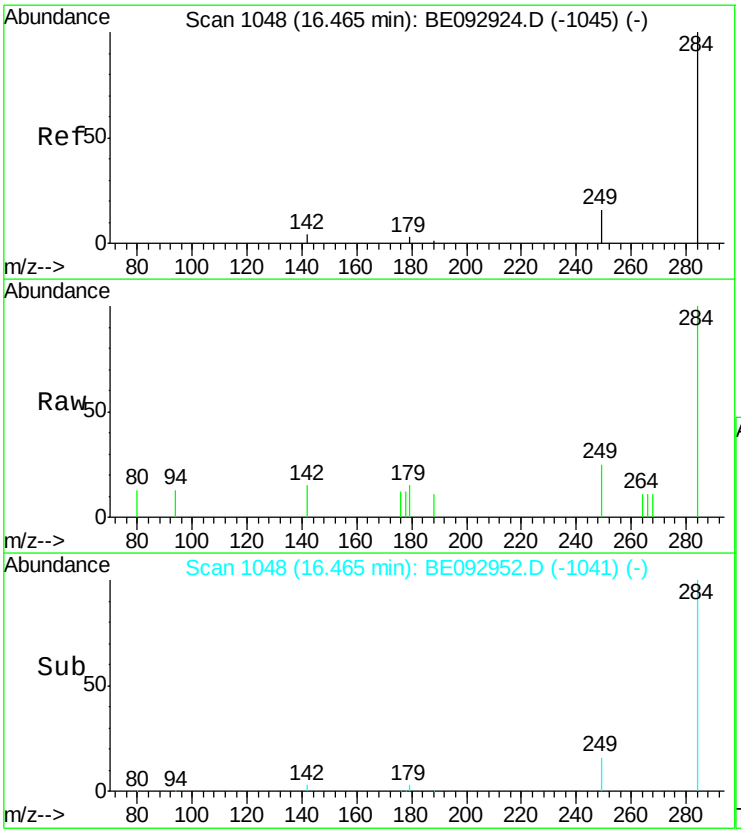
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4029

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.2	15.4
80	12.7	10.6	15.8

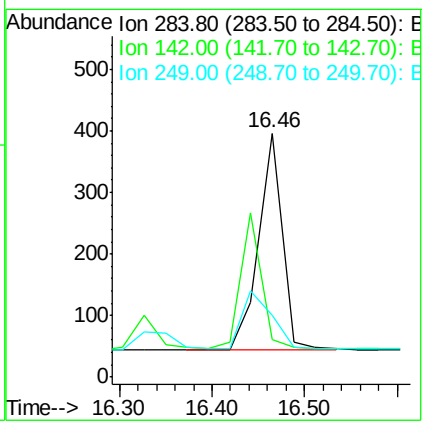


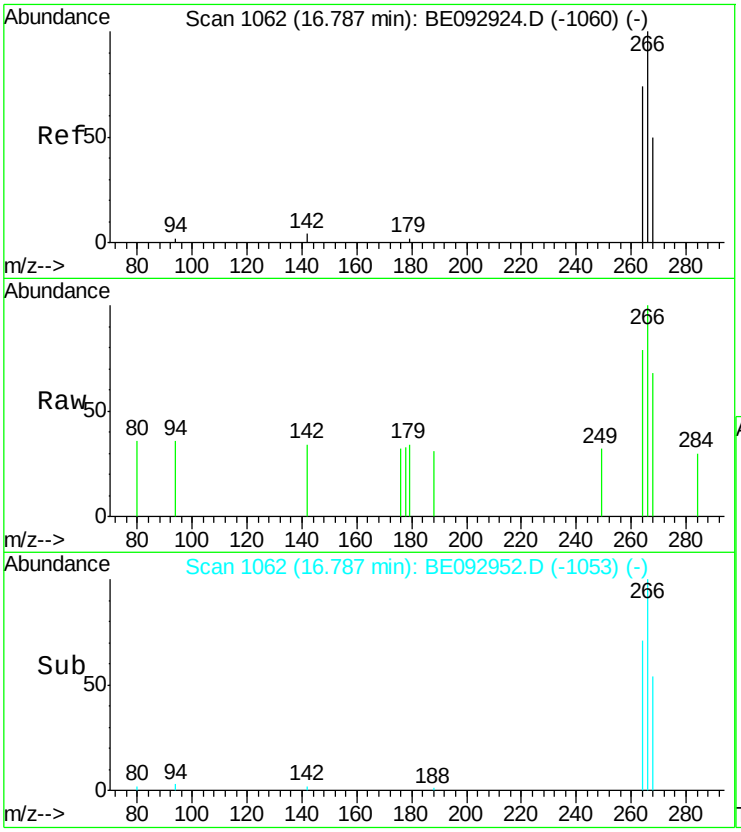


#20
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.46 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:284 Resp: 618

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



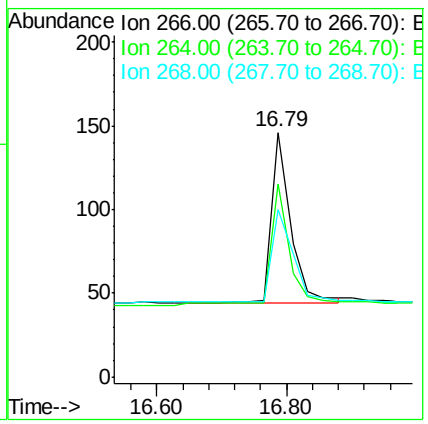


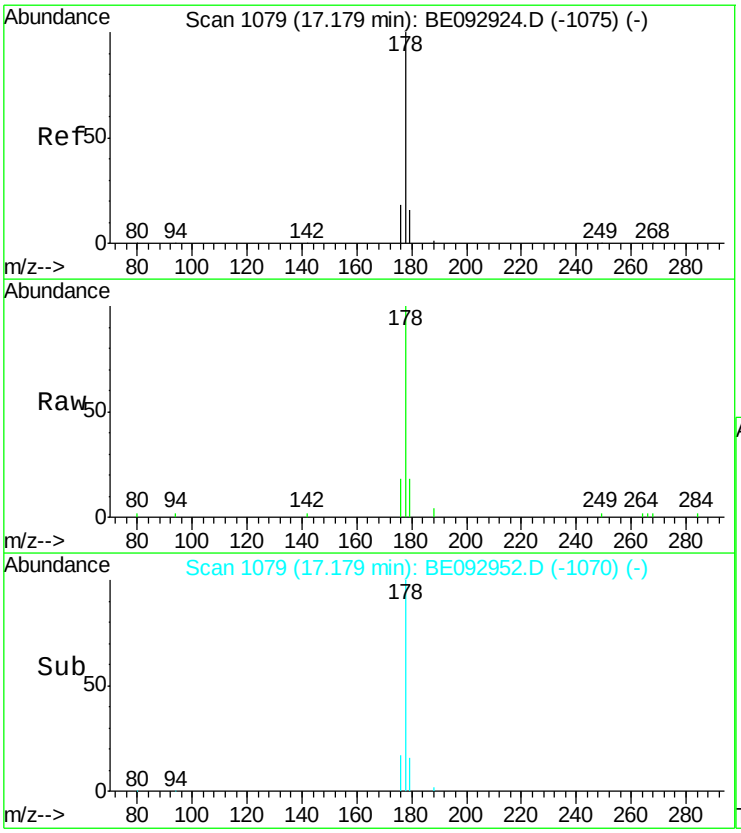
#21
Pentachlorophenol
Concen: 0.64 ng
RT: 16.79 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 213

Ion	Ratio	Lower	Upper
266	100		
264	78.8	75.4	113.2
268	68.5	75.4	113.2#

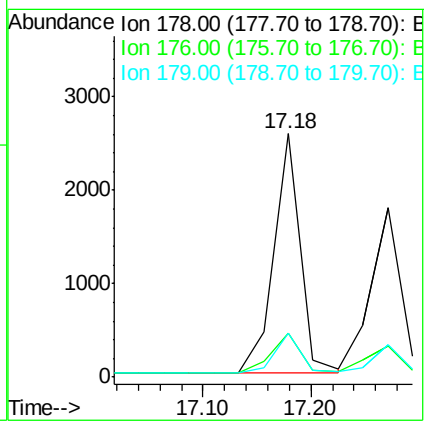


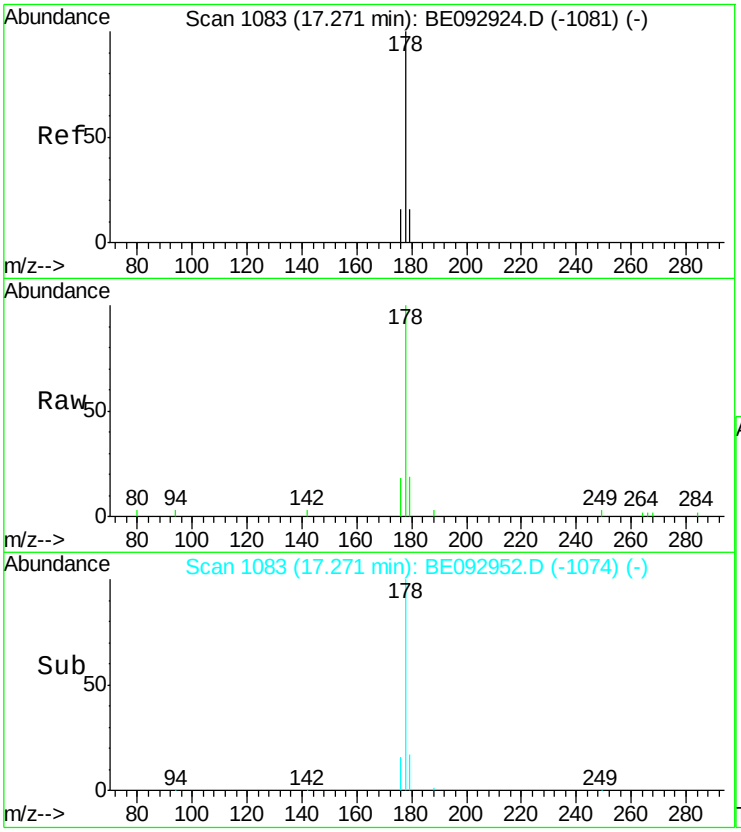


#22
Phenanthrene
Concen: 0.39 ng
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:178 Resp: 4381

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.2	21.4
179	15.8	13.6	20.4



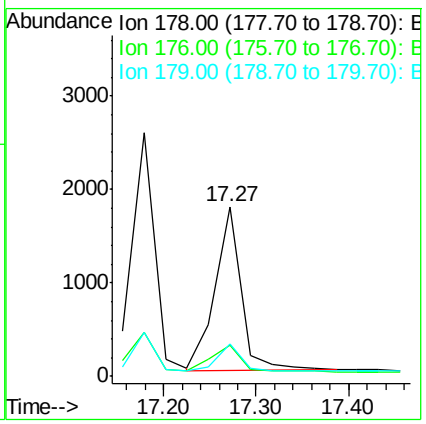


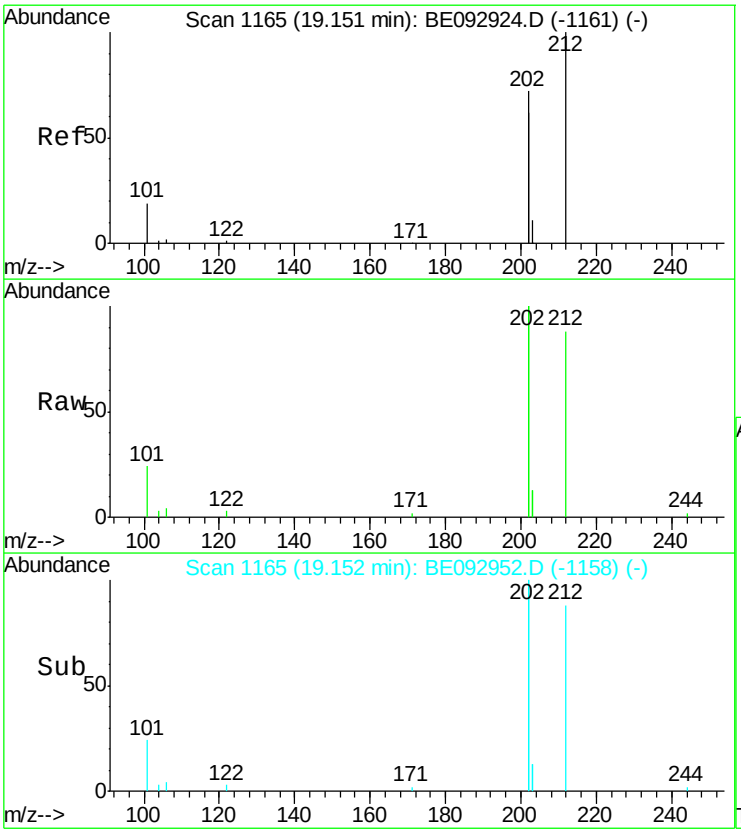
#23
Anthracene
Concen: 0.40 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 3470

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.6	12.8	19.2

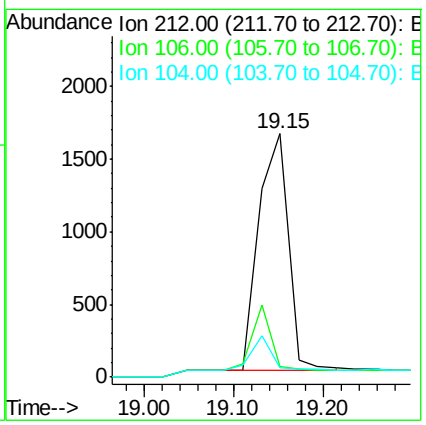


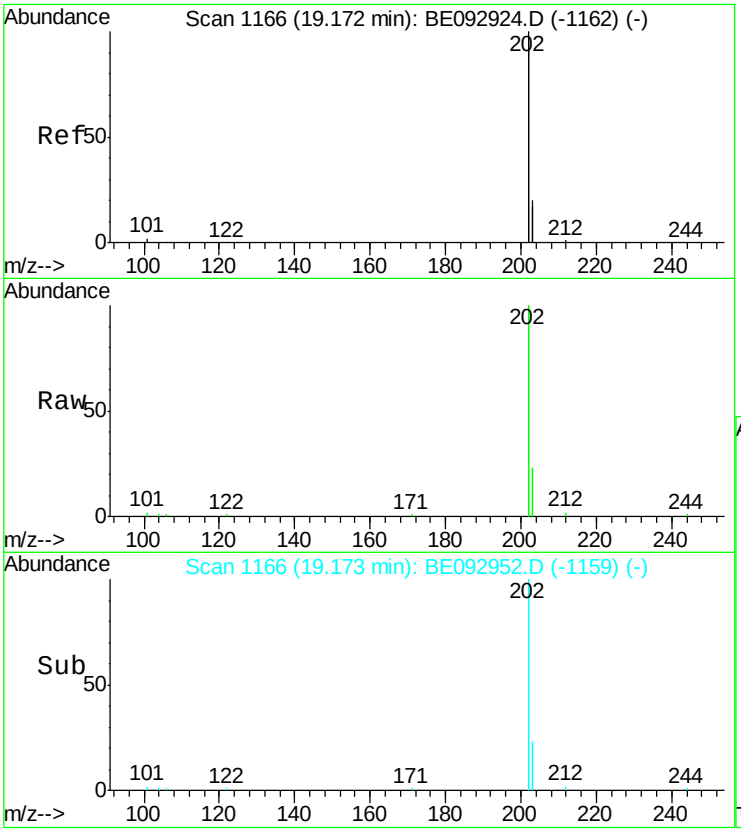


#24
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:212 Resp: 3768

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0



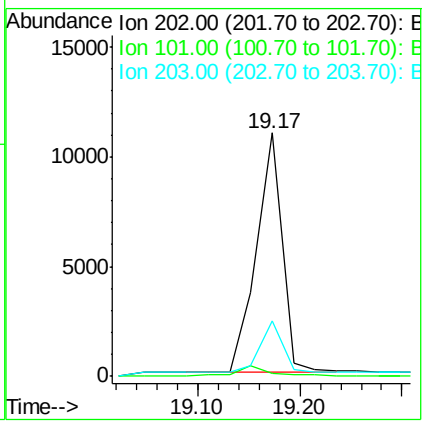


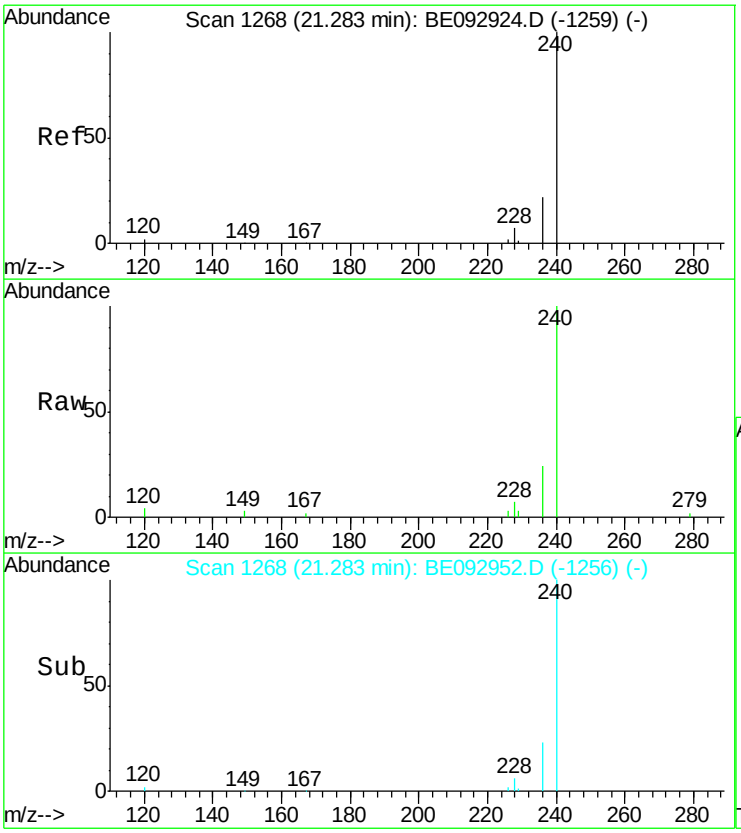
#25
Fluoranthene
Concen: 0.39 ng
RT: 19.17 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 19056

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.7	15.3	22.9

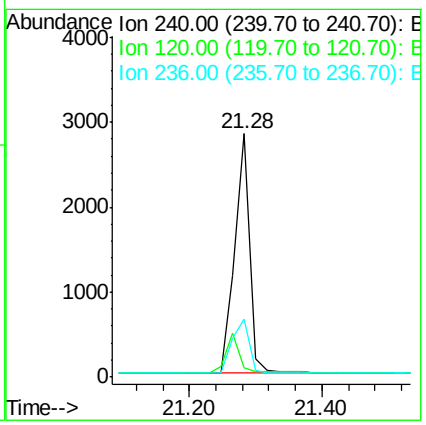


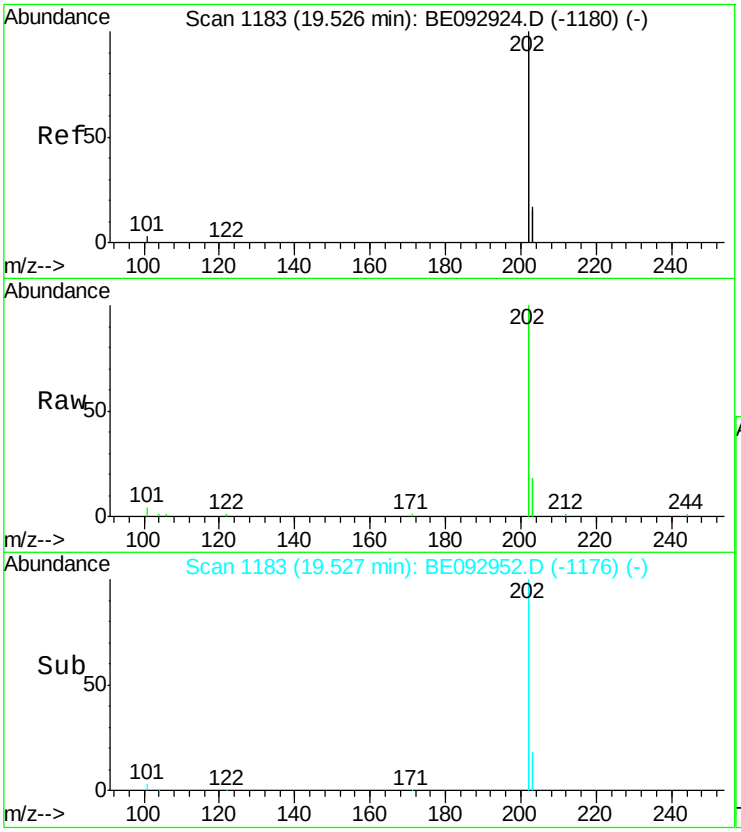


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:240 Resp: 4434

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.6	6.8#
236	23.9	19.8	29.8



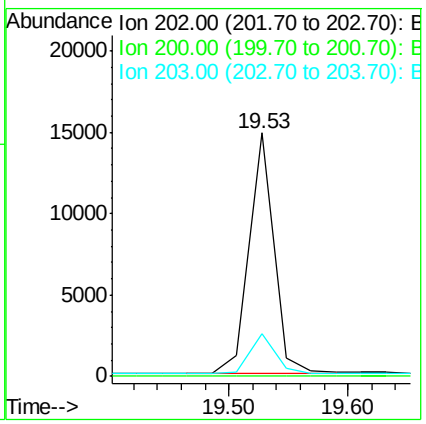


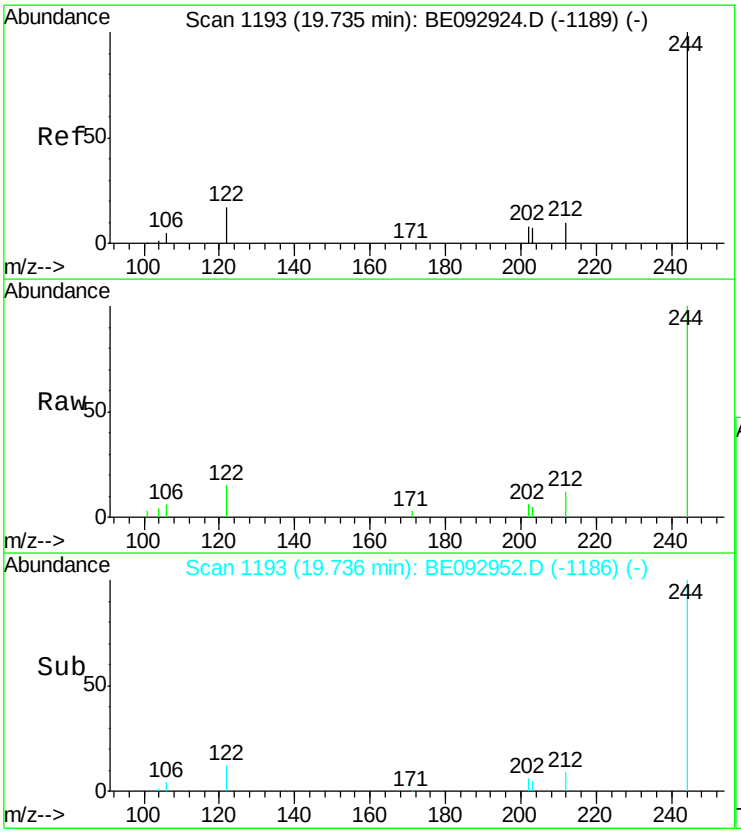
#27
Pyrene
Concen: 0.37 ng
RT: 19.53 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 21333

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.0	13.5	20.3

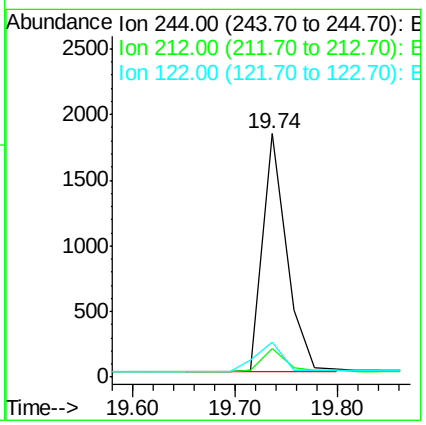


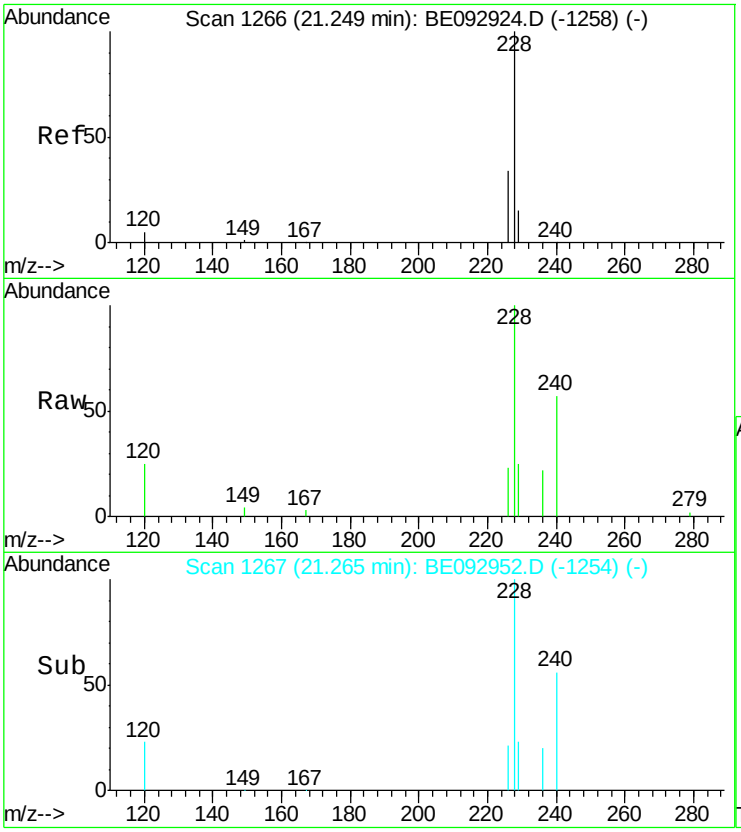


#28
Terphenyl-d14
Concen: 0.38 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:244 Resp: 2915

Ion	Ratio	Lower	Upper
244	100		
212	11.7	18.4	27.6#
122	14.6	23.3	34.9#



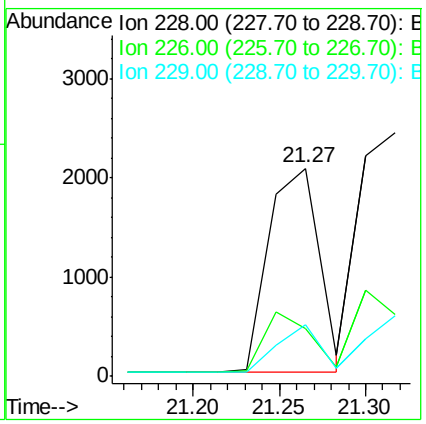


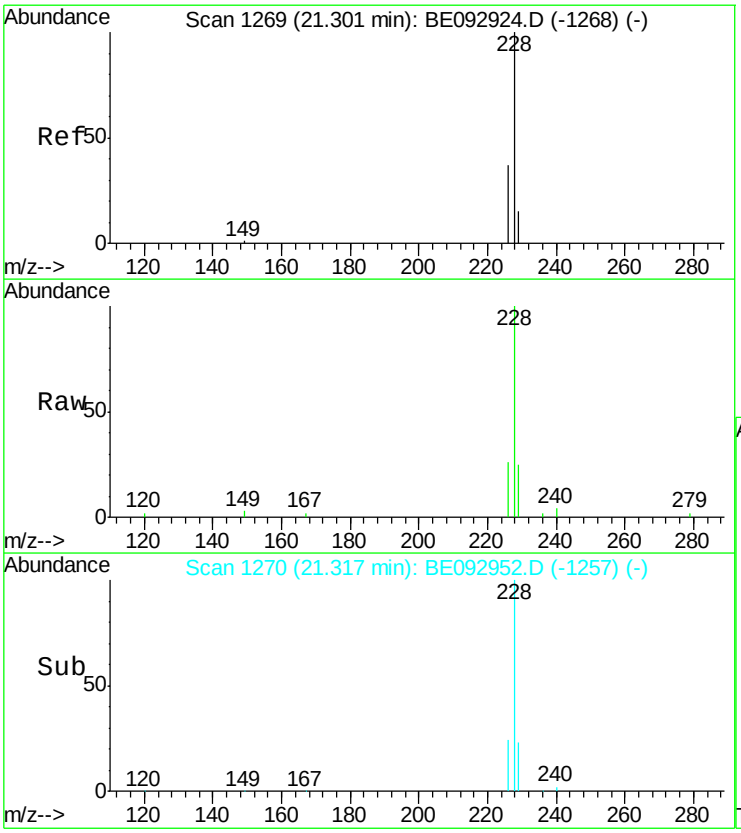
#29
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 4190

Ion	Ratio	Lower	Upper
228	100		
226	23.0	32.0	48.0#
229	24.8	21.4	32.0

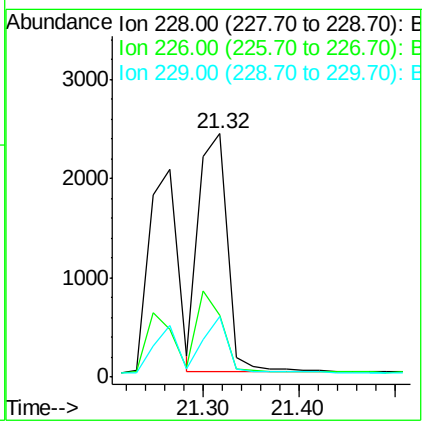


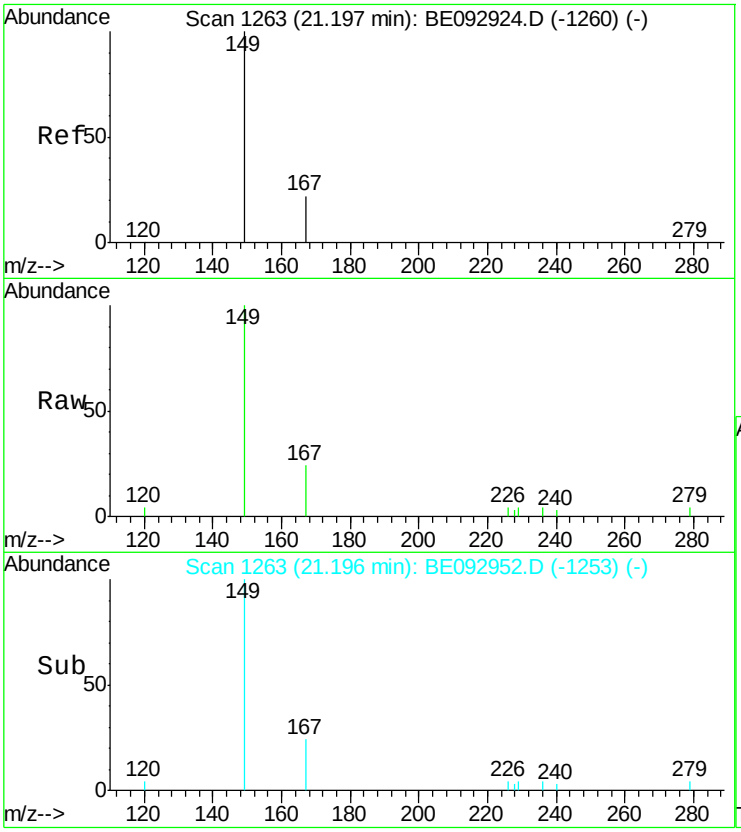


#30
Chrysene
Concen: 0.38 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:228 Resp: 5027

Ion	Ratio	Lower	Upper
228	100		
226	25.6	34.2	51.2#
229	24.7	18.6	28.0



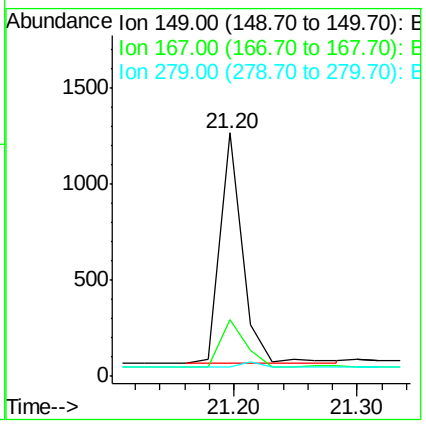


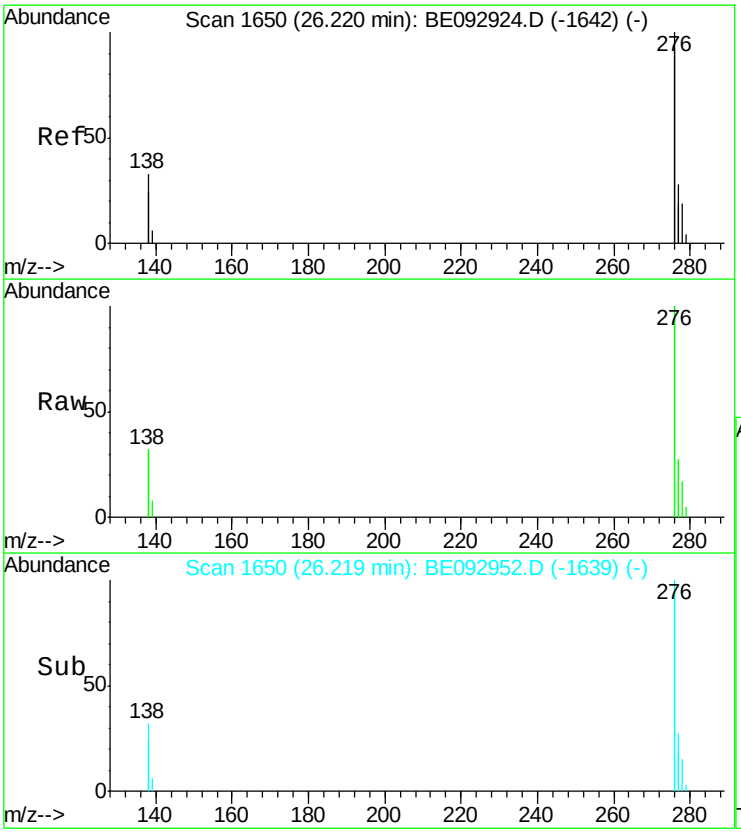
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.20 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 1520

Ion	Ratio	Lower	Upper
149	100		
167	23.4	20.9	31.3
279	2.4	0.0	0.0#

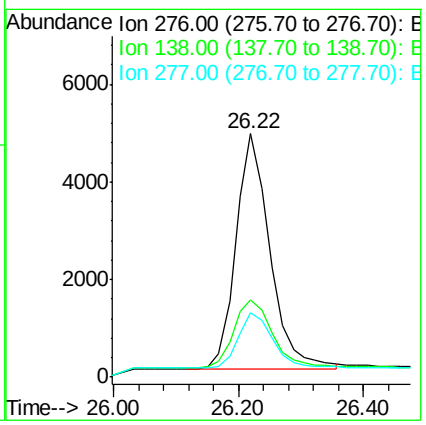


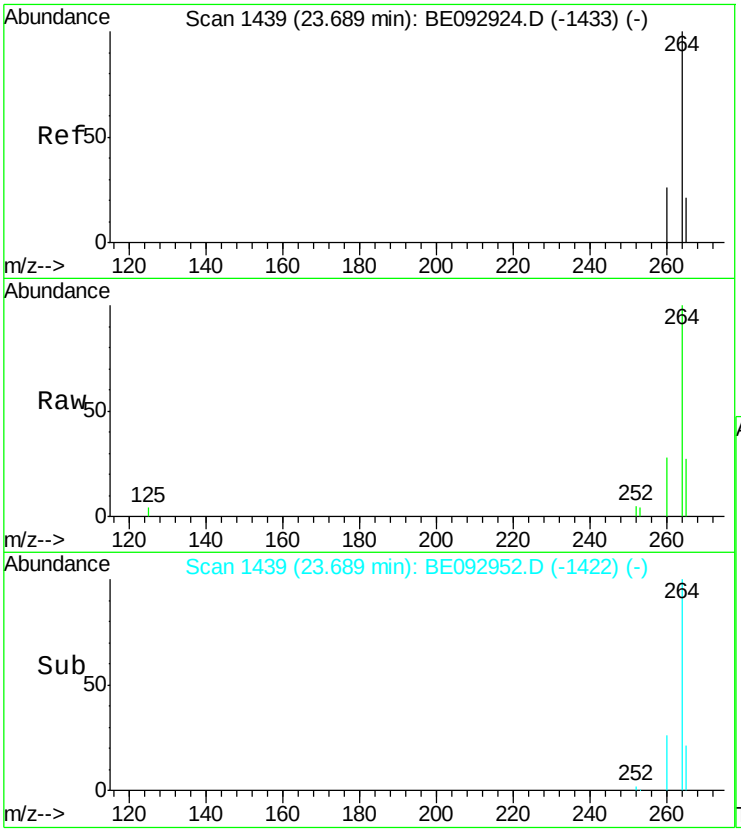


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.22 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:276 Resp: 18063

Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.8	38.6
277	24.8	20.2	30.4



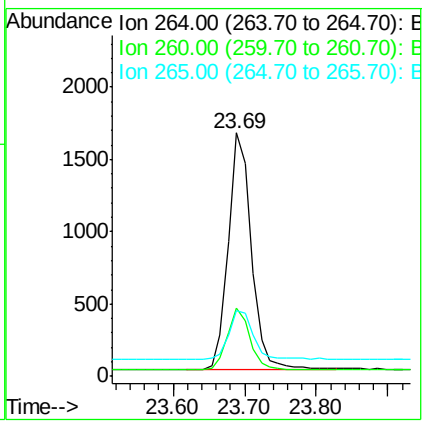


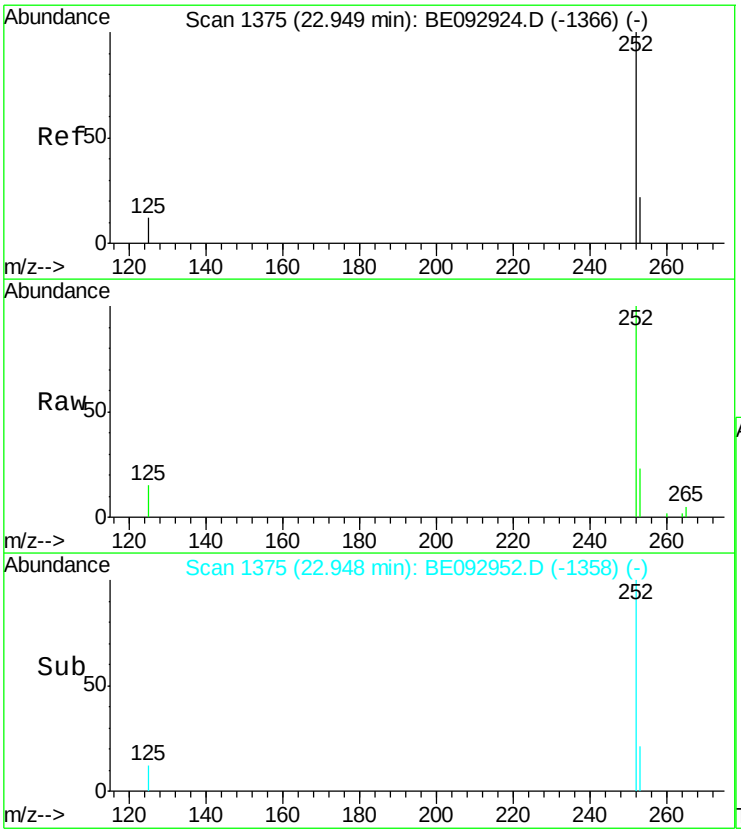
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 3696

Ion	Ratio	Lower	Upper
264	100		
260	27.8	23.5	35.3
265	27.0	27.2	40.8#

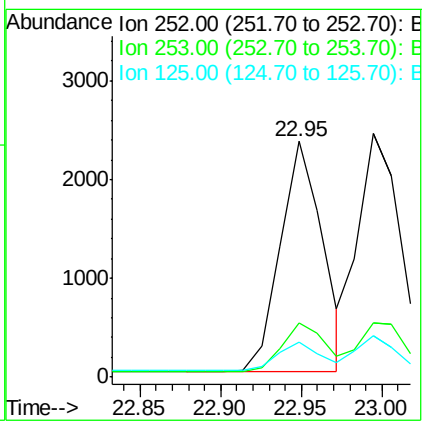


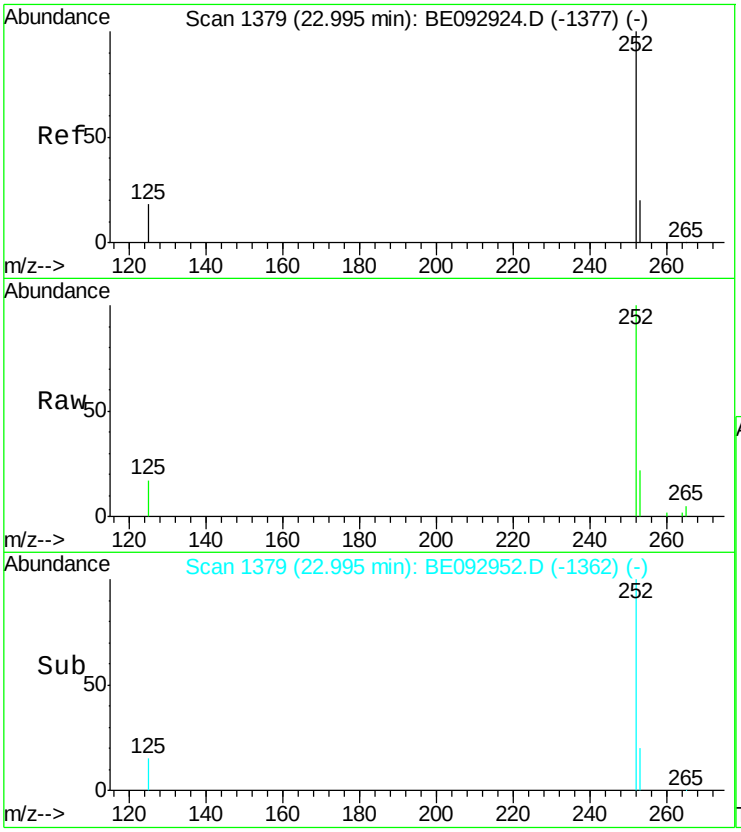


#34
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.95 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:252 Resp: 4273

Ion	Ratio	Lower	Upper
252	100		
253	22.7	24.7	37.1#
125	14.9	20.3	30.5#



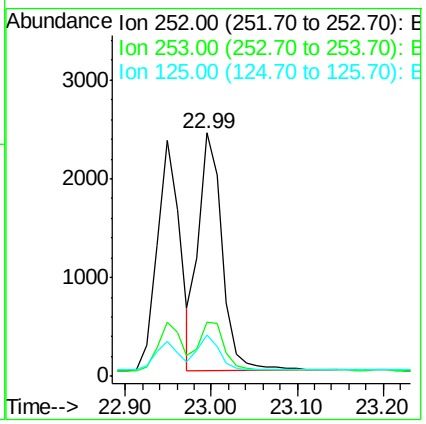


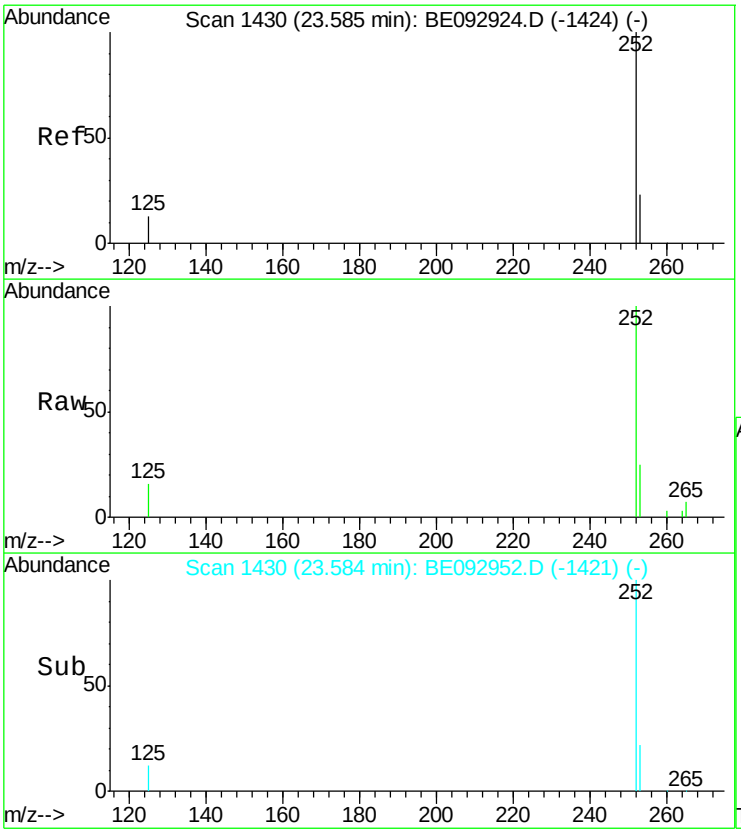
#35
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.99 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 4571

Ion	Ratio	Lower	Upper
252	100		
253	22.4	25.8	38.8#
125	17.2	22.9	34.3#

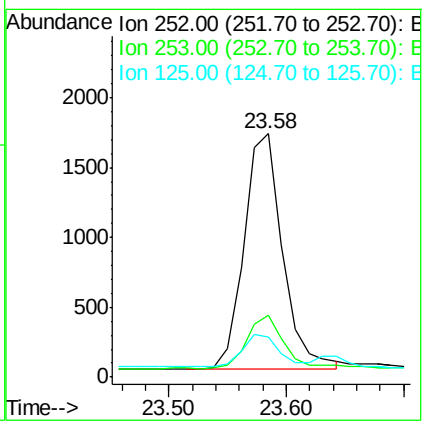


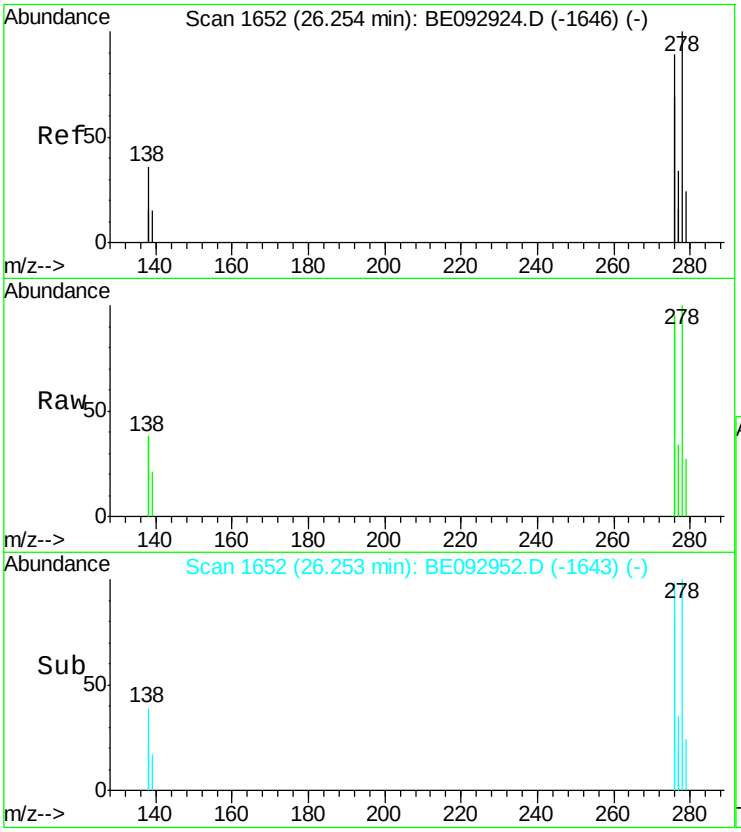


#36
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:252 Resp: 3853

Ion	Ratio	Lower	Upper
252	100		
253	25.3	31.3	46.9#
125	16.2	26.4	39.6#



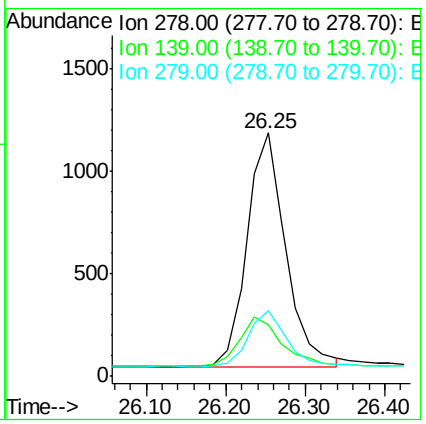


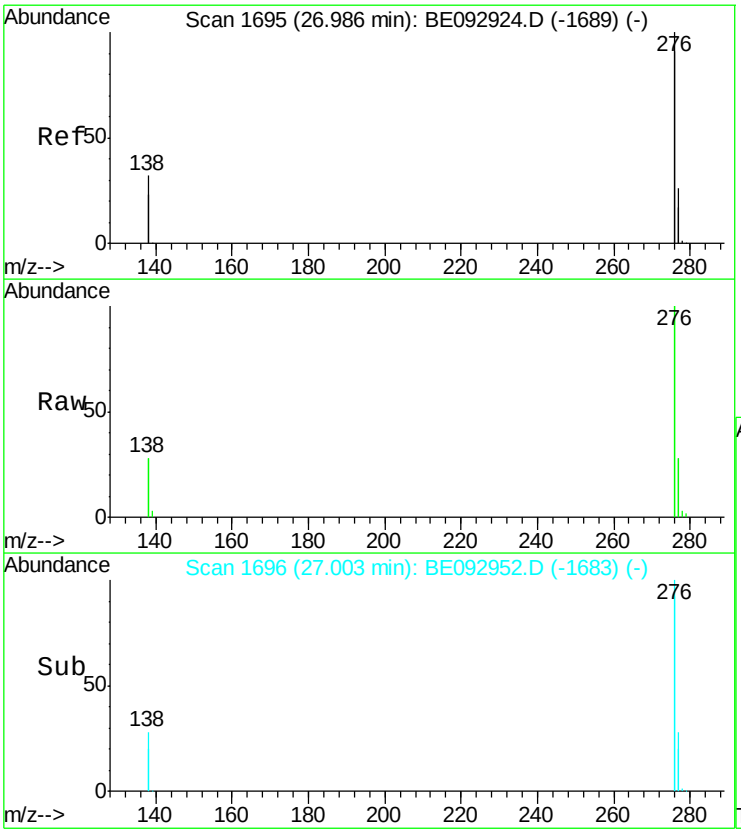
#37
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 3862

Ion	Ratio	Lower	Upper
278	100		
139	21.1	27.4	41.2#
279	27.2	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092952.D
Acq: 6 May 2017 5:04

Tgt Ion:276 Resp: 16073

Ion	Ratio	Lower	Upper
276	100		
277	27.9	29.9	44.9#
138	28.2	34.6	51.8#