Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092923.D
Acq On : 5 May 2017 10:28
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: May 05 11:42:52 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 11:39:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	721	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3021	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1344	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3533	0.40	ng		0.00
26) Chrysene-d12	21.28	240	3105	0.40	ng		0.00
33) Perylene-d12	23.69	264	2588	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	313	0.20	ng		0.00
5) Phenol-d6	6.94	99	445	0.20	ng		0.00
8) Nitrobenzene-d5	8.90	82	393	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	893	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	38	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	1298	0.21	ng		0.00
24) Fluoranthene-d10	19.15	212	1580	0.19	ng		0.00
28) Terphenyl-d14	19.74	244	1194	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	279	0.20	ng		99
3) n-Nitrosodimethylamine	3.61	42	197	0.19	ng	#	81
6) bis(2-Chloroethyl)ether	7.20	93	531	0.20	ng		98
9) Naphthalene	10.58	128	1644	0.20	ng	#	91
10) Hexachlorobutadiene	10.89	225	223	0.20	ng		96
12) 2-Methylnaphthalene	12.19	142	985	0.20	ng		97
16) Acenaphthylene	14.10	152	3949	0.18	ng		98
17) Acenaphthene	14.45	154	846	0.20	ng		93
18) Fluorene	15.43	166	1031	0.20	ng		99
20) Hexachlorobenzene	16.46	284	304	0.19	ng	#	100
21) Pentachlorophenol	16.79	266	47	0.17	ng		95
22) Phenanthrene	17.18	178	2036	0.20	ng		97
23) Anthracene	17.27	178	1436	0.18	ng		99
25) Fluoranthene	19.17	202	7795	0.18	ng	#	96
27) Pyrene	19.53	202	8771	0.22	ng	#	100
29) Benzo(a)anthracene	21.27	228	1461	0.20	ng	#	86
30) Chrysene	21.32	228	1913	0.21	ng	#	81
31) Bis(2-ethylhexyl)phthalate	21.20	149	408	0.22	ng	#	94
32) Indeno(1,2,3-cd)pyrene	26.22	276	6811	0.22	ng		100
34) Benzo(b)fluoranthene	22.99	252	1572	0.17	ng		91
35) Benzo(k)fluoranthene	22.99	252	1609	0.17	ng	#	87
36) Benzo(a)pyrene	23.58	252	1321	0.18	ng	#	85
37) Dibenzo(a,h)anthracene	26.25	278	1458	0.18	ng	#	85
38) Benzo(g,h,i)perylene	26.99	276	6484	0.18	ng	#	87

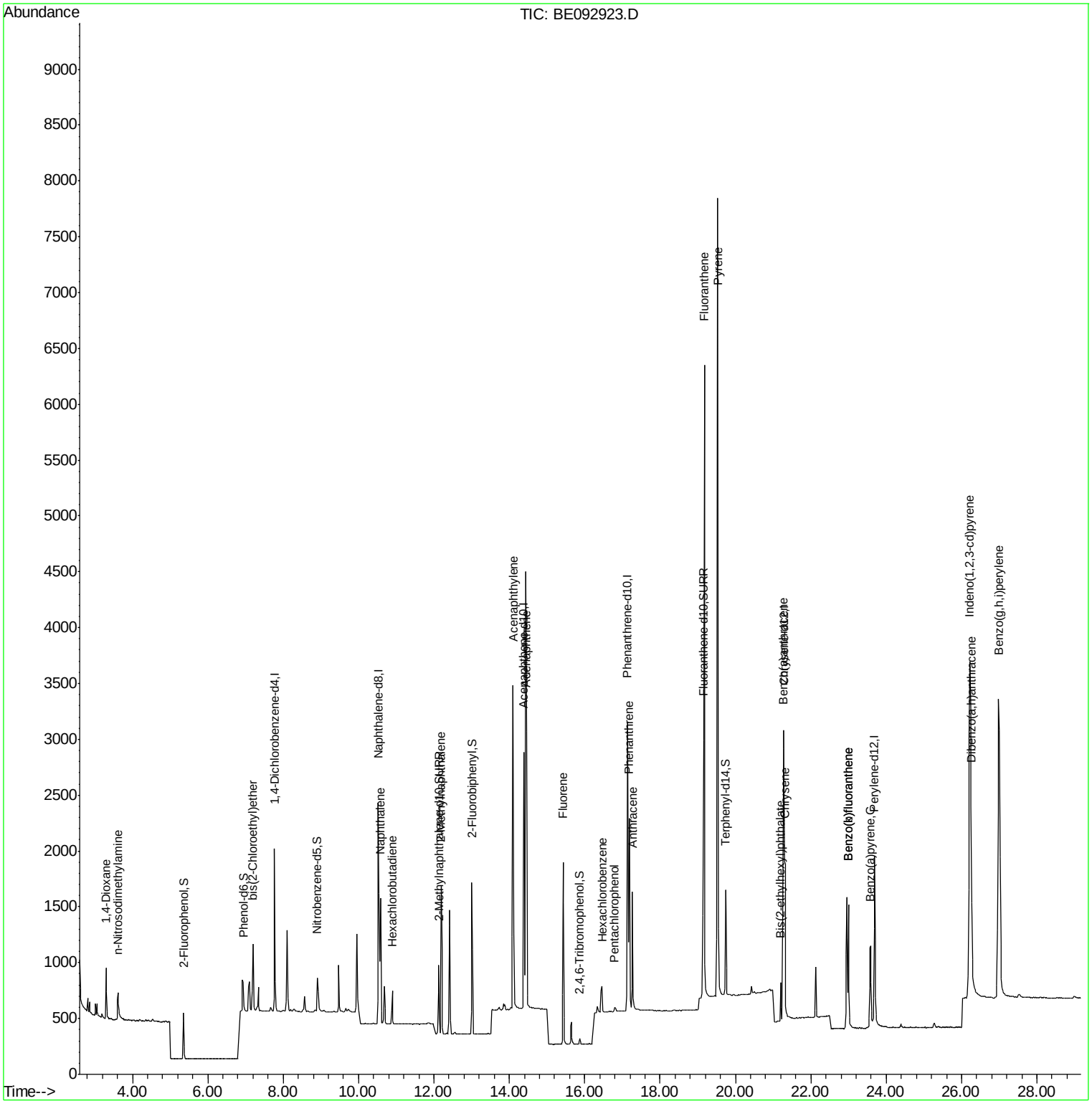
(#) = qualifier out of range (m) = manual integration (+) = signals summed

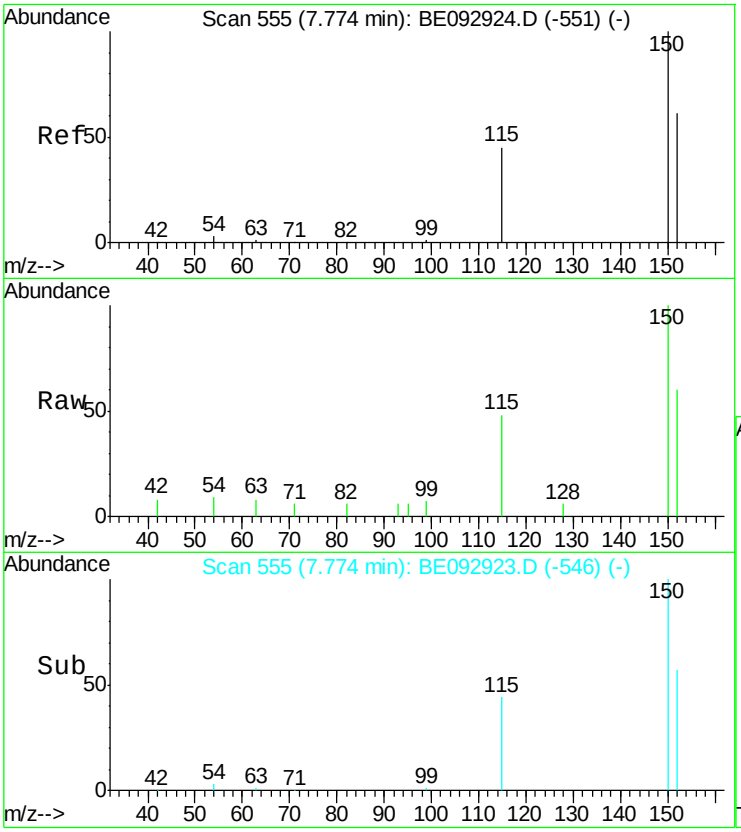
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092923.D
Acq On : 5 May 2017 10:28
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: May 05 11:42:52 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 11:39:16 2017
Response via : Initial Calibration



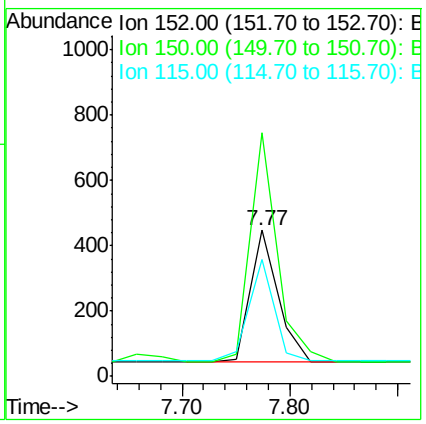


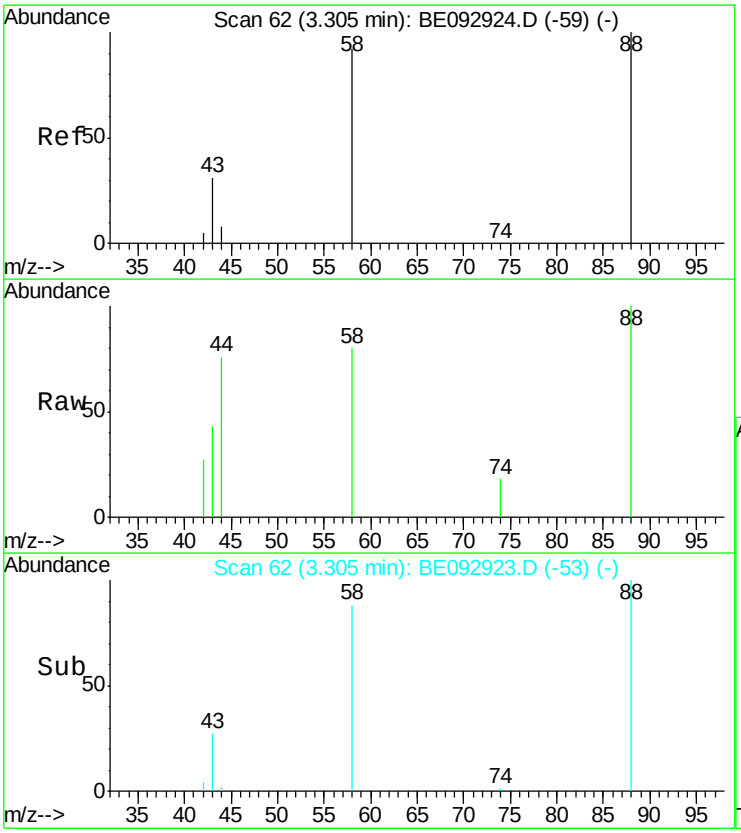
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 721

Ion	Ratio	Lower	Upper
152	100		
150	166.9	129.9	194.9
115	80.1	62.6	93.8

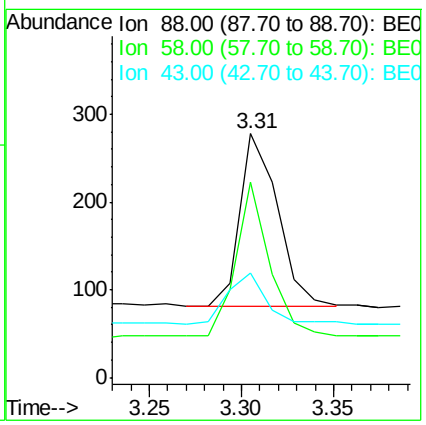


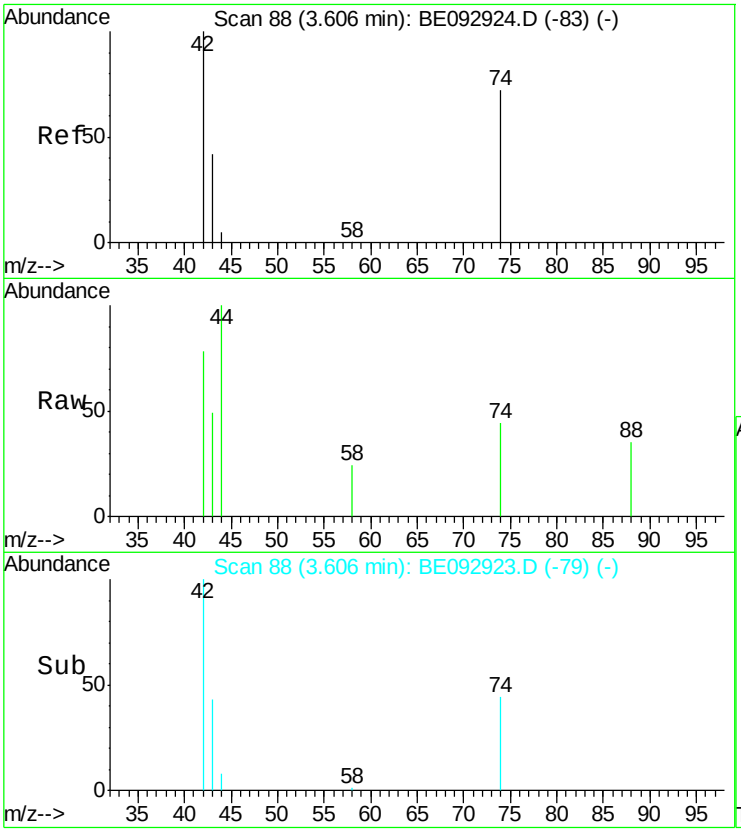


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion: 88 Resp: 279

Ion	Ratio	Lower	Upper
88	100		
58	79.9	64.9	97.3
43	32.3	26.6	40.0



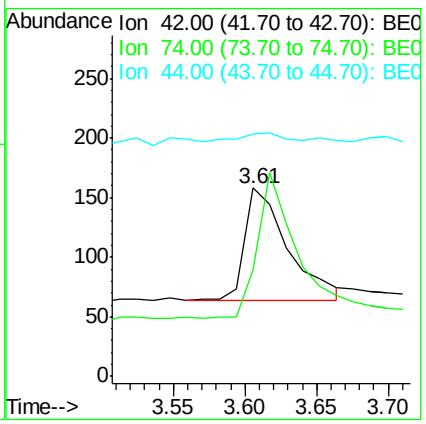


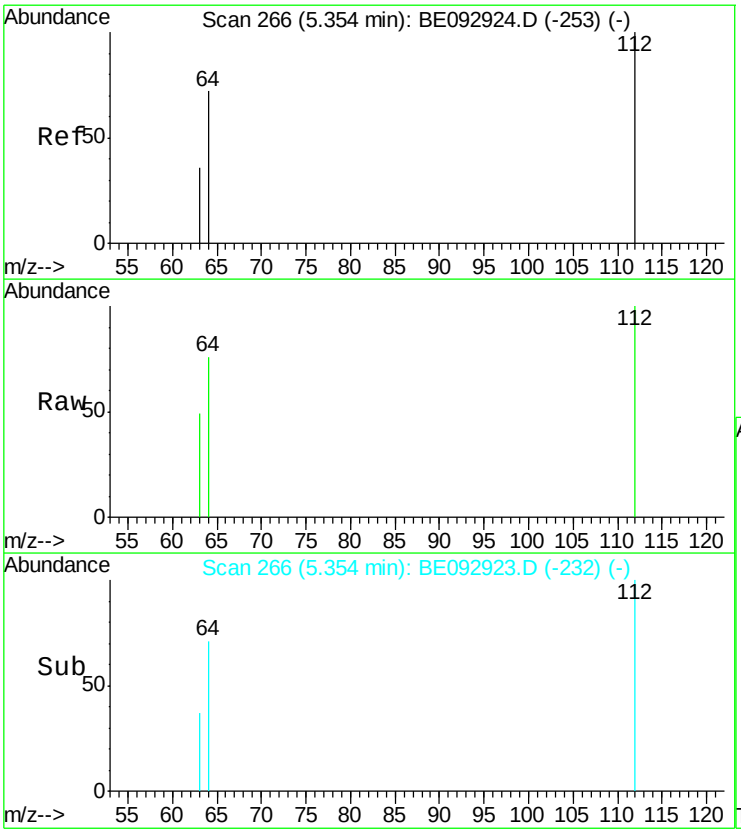
#3
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 197

Ion	Ratio	Lower	Upper
42	100		
74	117.8	106.6	160.0
44	9.1	25.7	38.5#

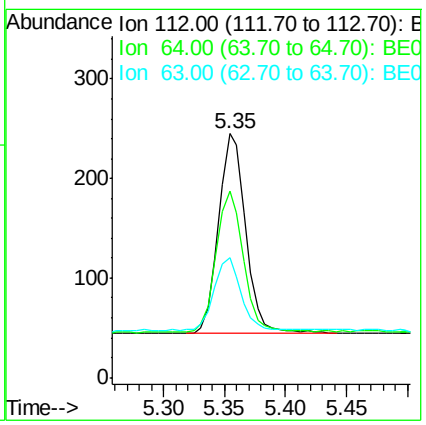


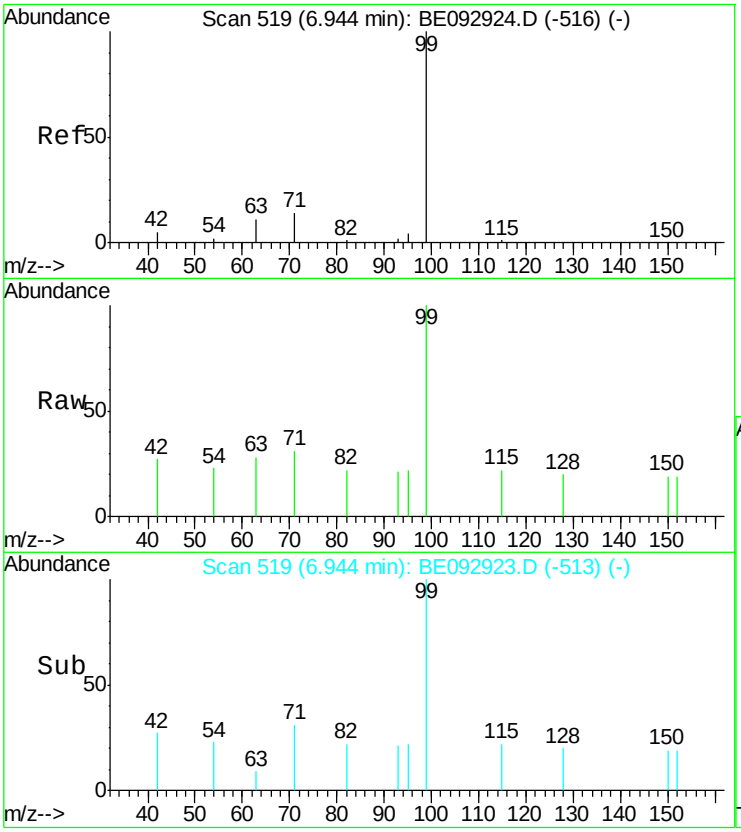


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:112 Resp: 313

Ion	Ratio	Lower	Upper
112	100		
64	69.0	52.6	79.0
63	35.8	29.0	43.4



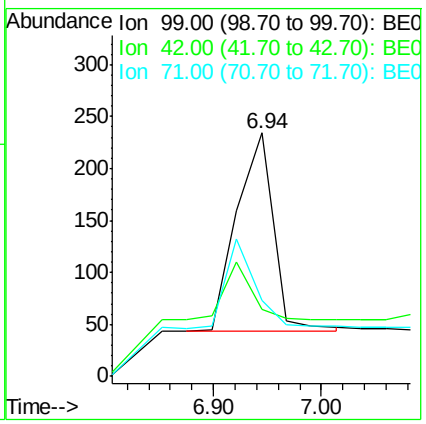


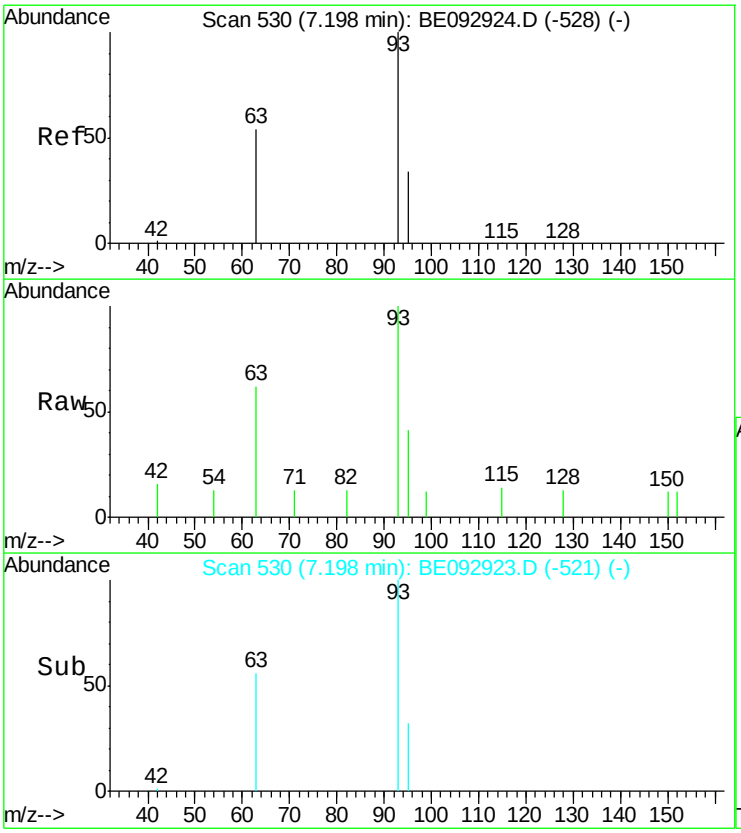
#5
Phenol-d6
Concen: 0.20 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 445

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

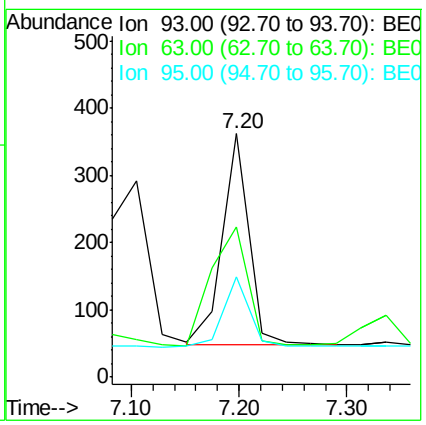


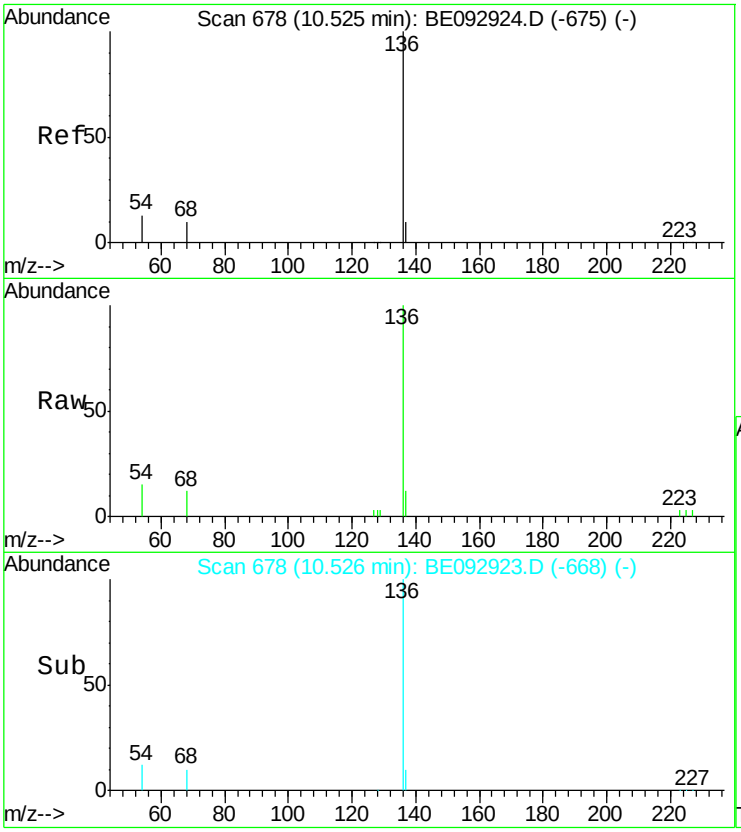


#6
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion: 93 Resp: 531

Ion	Ratio	Lower	Upper
93	100		
63	77.8	61.2	91.8
95	33.3	25.5	38.3



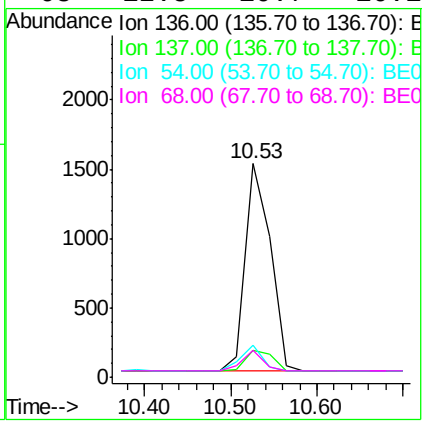


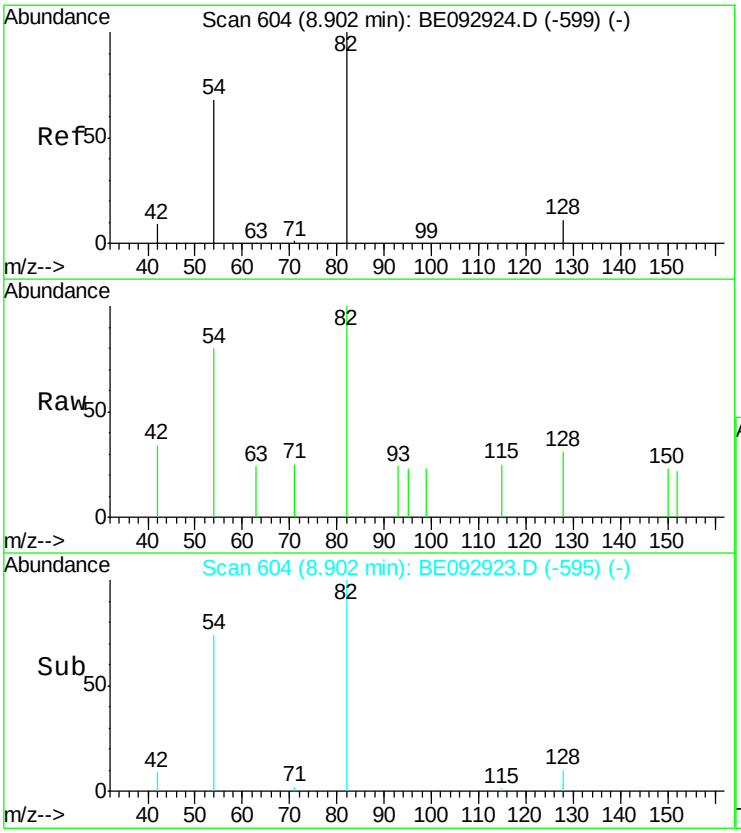
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3021

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	14.9	12.6	18.8
68	12.5	10.7	16.1

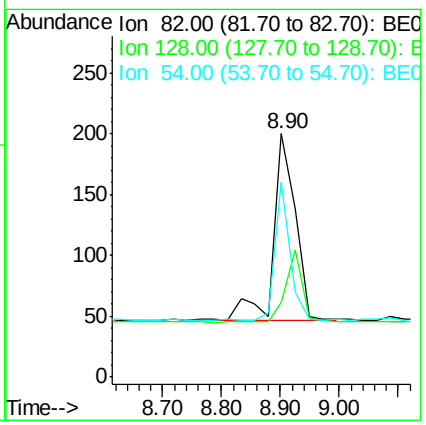


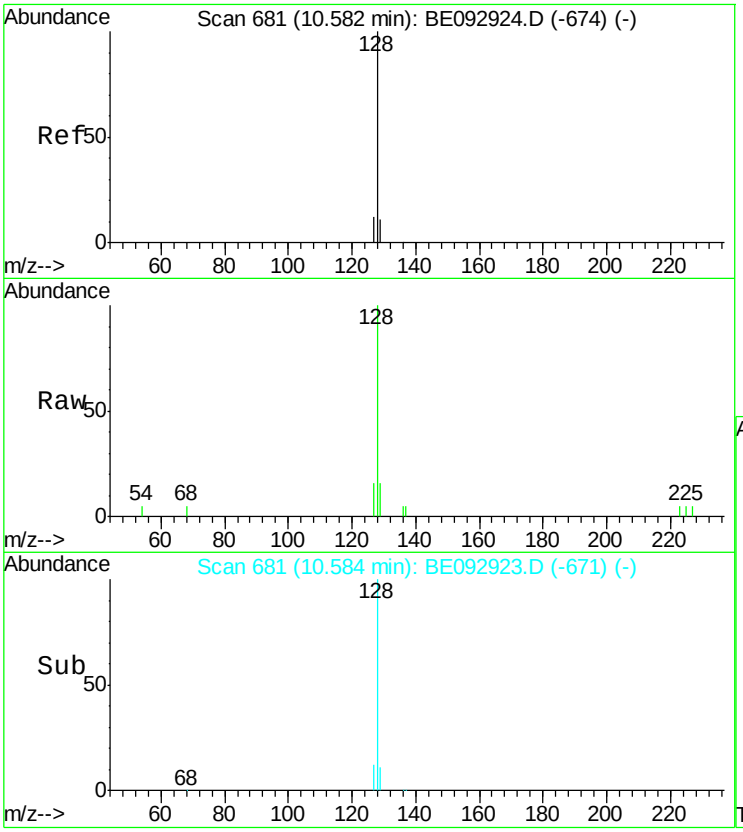


#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion: 82 Resp: 393

Ion	Ratio	Lower	Upper
82	100		
128	30.5	35.3	52.9#
54	80.0	65.1	97.7



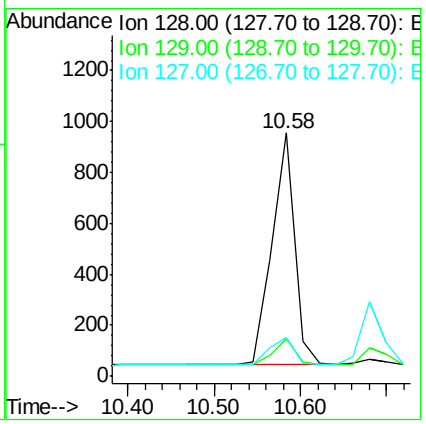


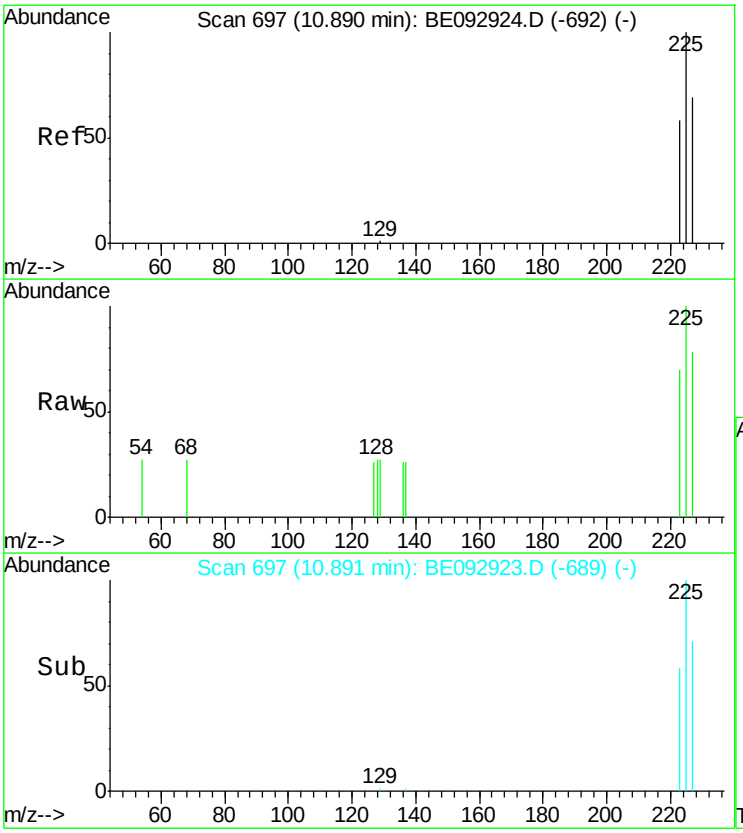
#9
Naphthalene
Concen: 0.20 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1644

Ion	Ratio	Lower	Upper
128	100		
129	15.6	15.8	23.8#
127	16.0	16.0	24.0

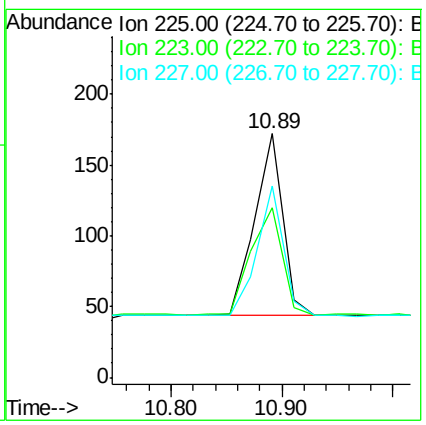


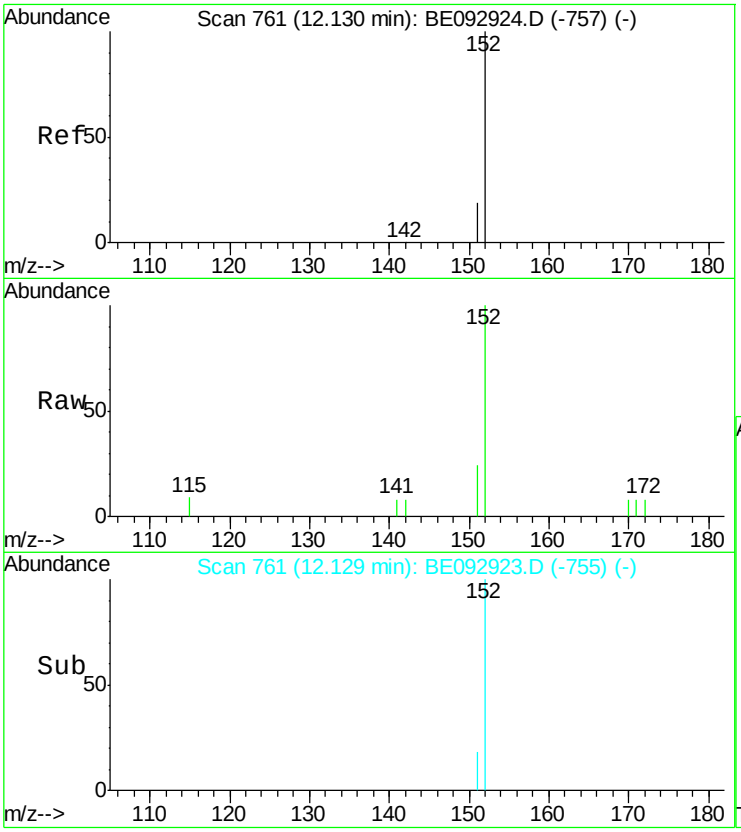


#10
Hexachlorobutadiene
Concen: 0.20 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:225 Resp: 223

Ion	Ratio	Lower	Upper
225	100		
223	66.8	55.4	83.2
227	69.5	52.2	78.4



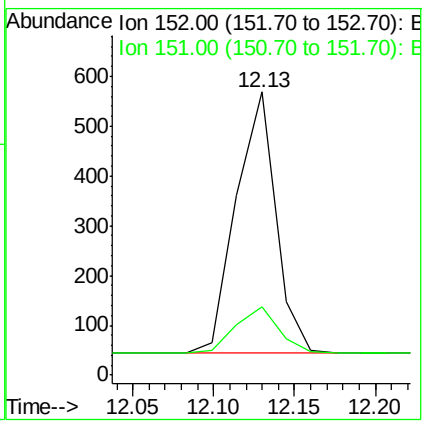


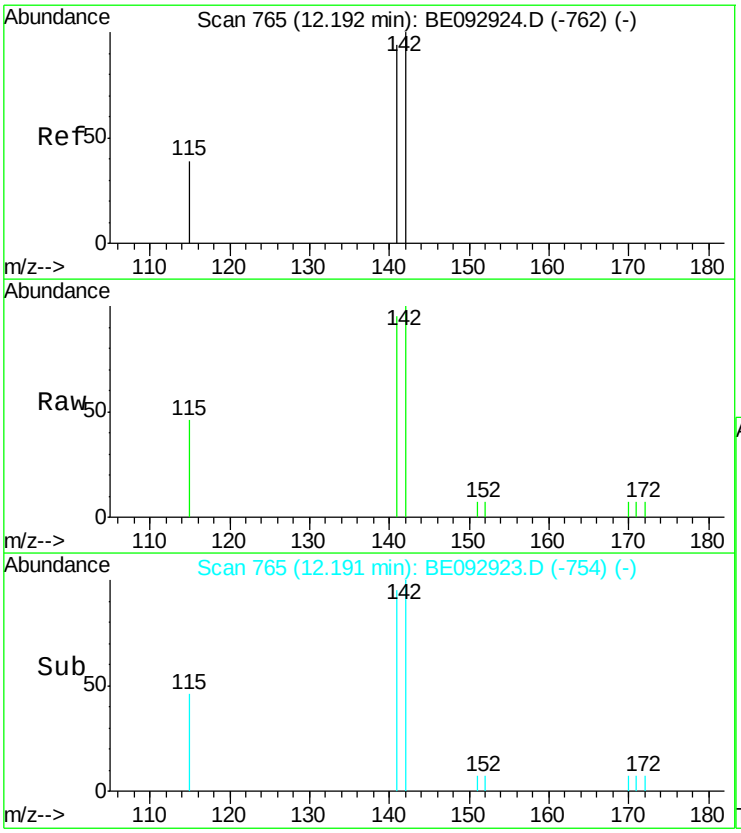
#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 893

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5

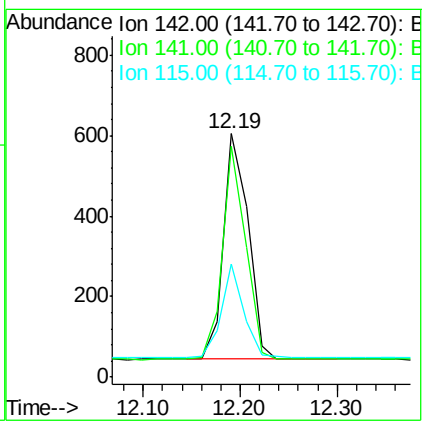


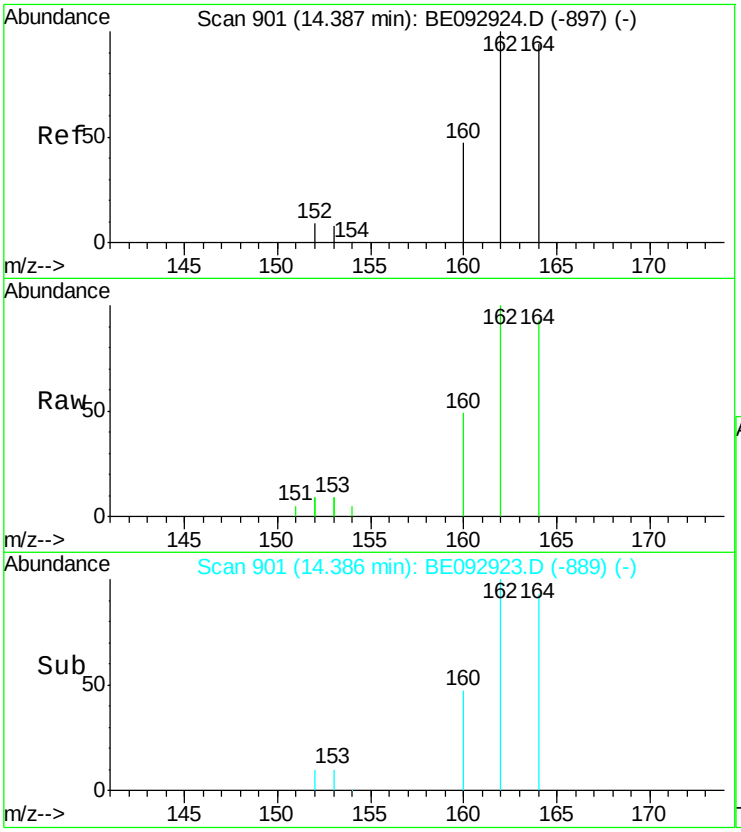


#12
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:142 Resp: 985

Ion	Ratio	Lower	Upper
142	100		
141	95.0	76.0	114.0
115	46.4	41.6	62.4



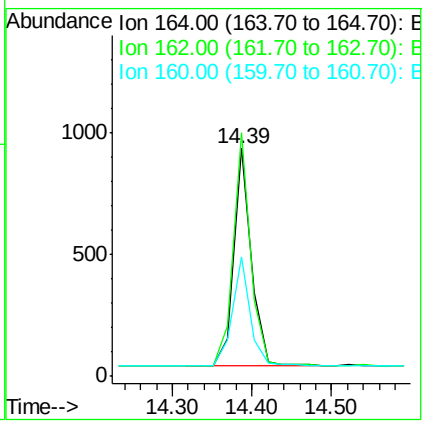


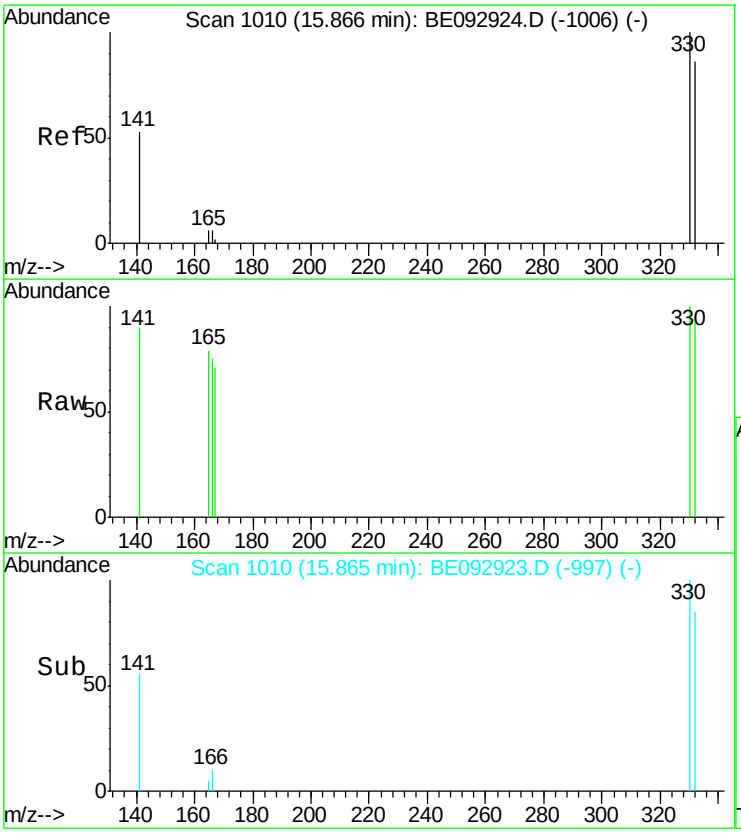
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 1344

Ion	Ratio	Lower	Upper
164	100		
162	107.0	86.6	130.0
160	52.3	44.5	66.7

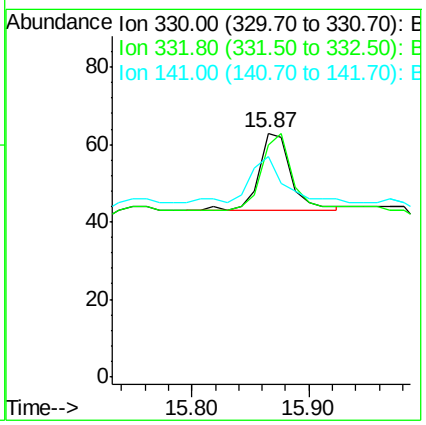


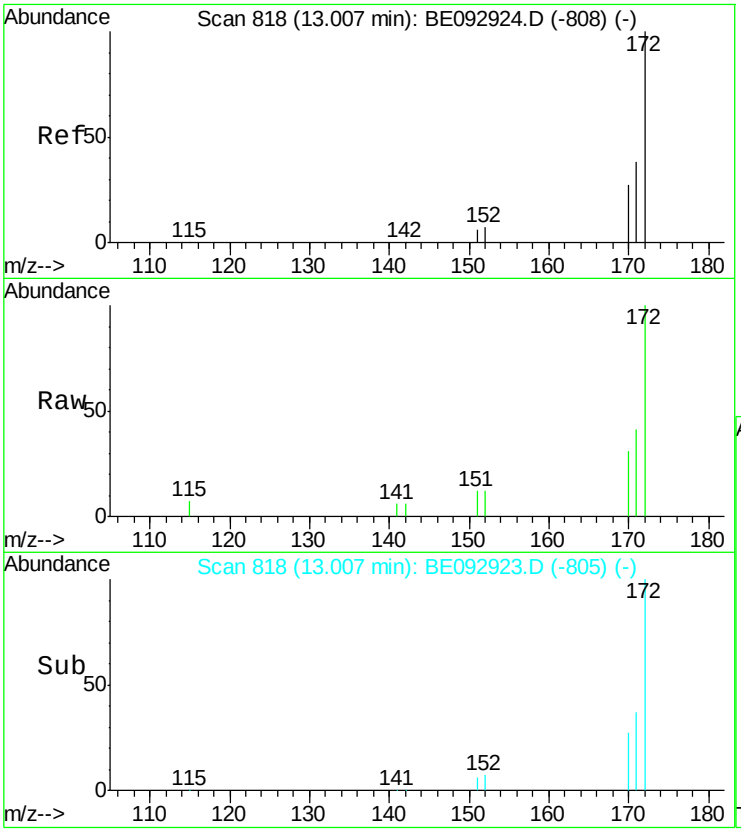


#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:330 Resp: 38

Ion	Ratio	Lower	Upper
330	100		
332	94.7	69.1	103.7
141	65.8	54.6	81.8



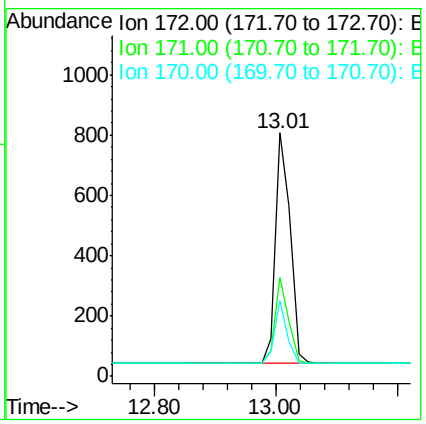


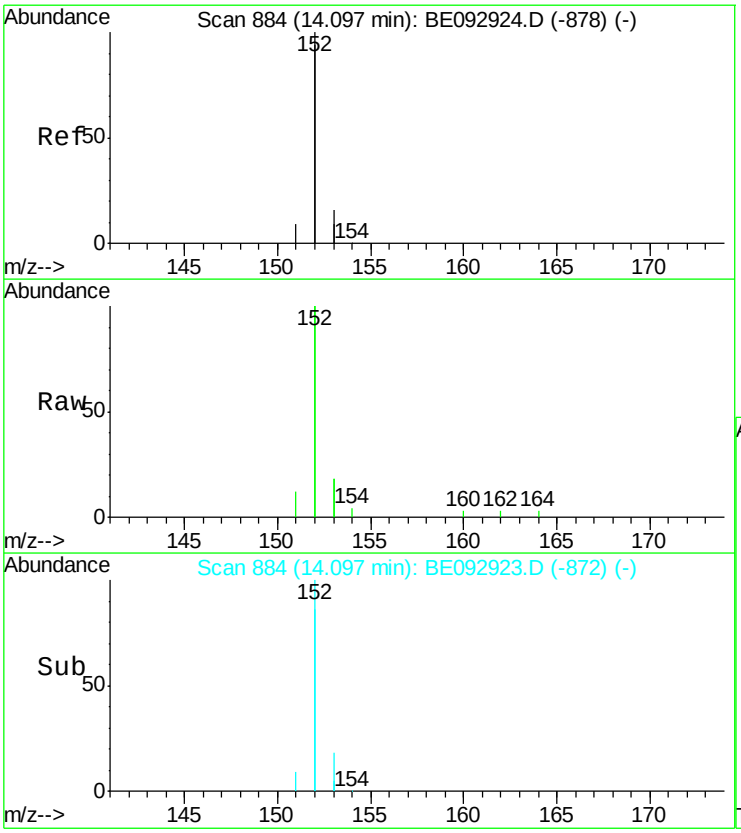
#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1298

Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.8	53.6
170	31.1	28.5	42.7

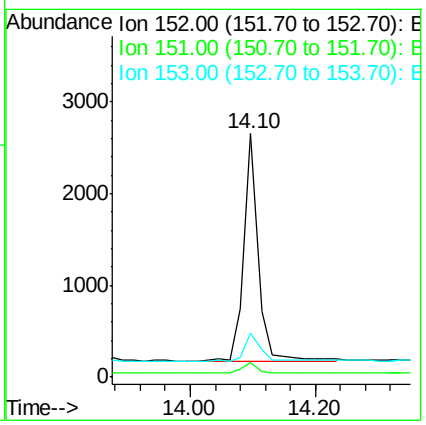


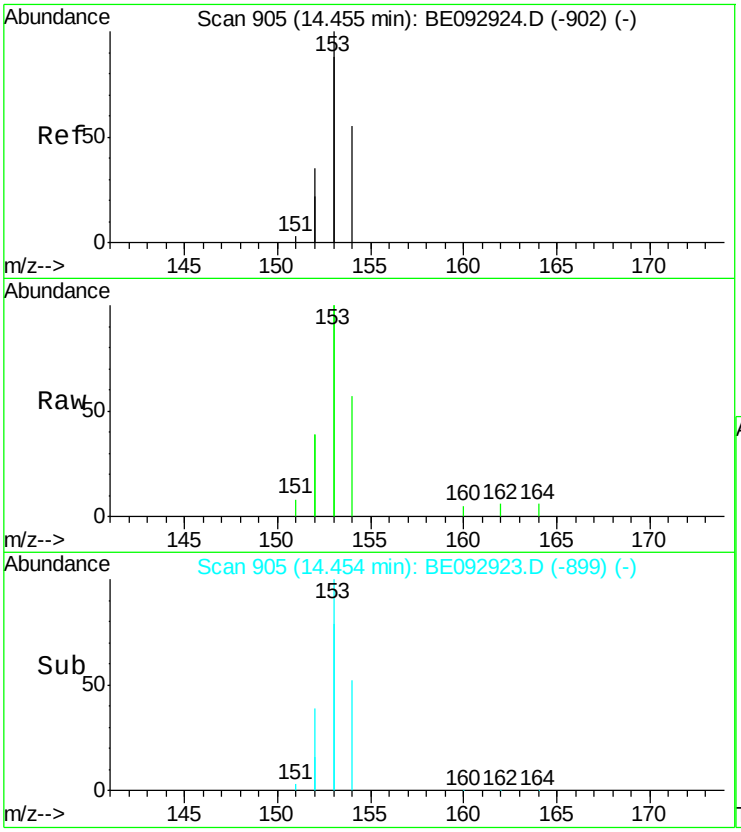


#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:152 Resp: 3949

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.6	10.0	15.0



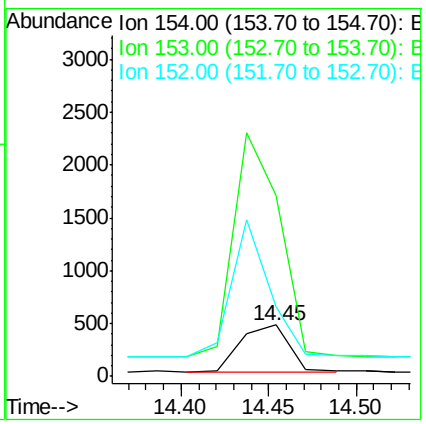


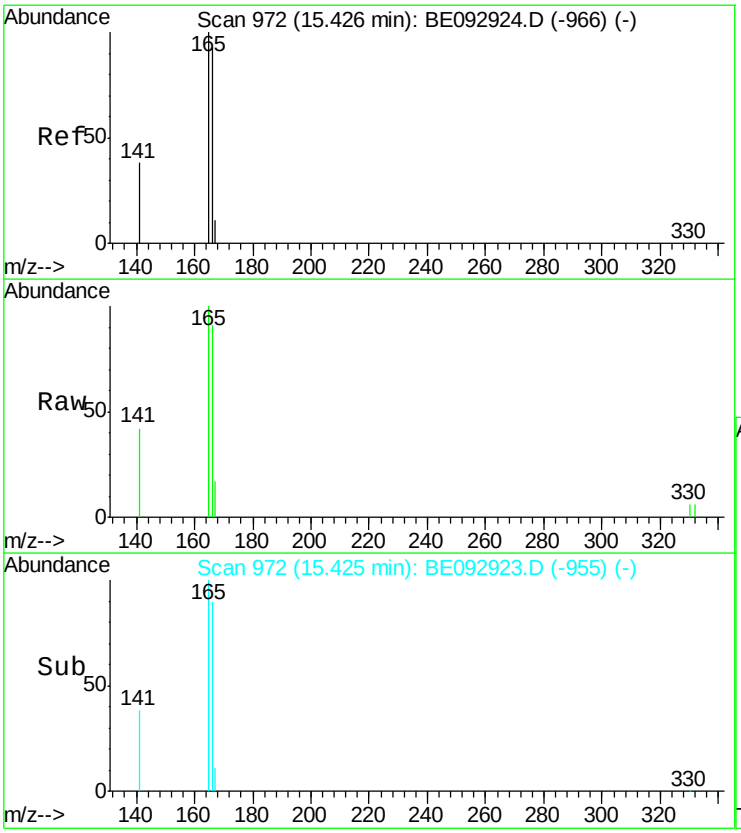
#17
Acenaphthene
Concen: 0.20 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 846

Ion	Ratio	Lower	Upper
154	100		
153	463.4	355.6	533.4
152	233.5	177.8	266.8

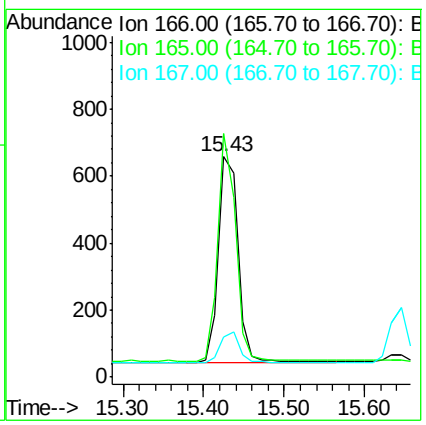


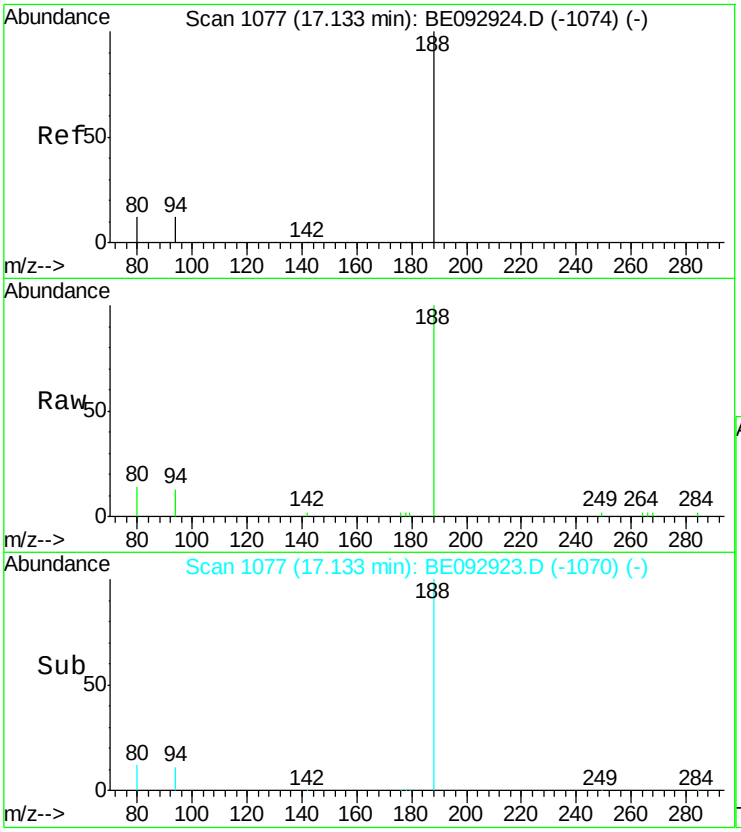


#18
Fluorene
Concen: 0.20 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:166 Resp: 1031

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.7	121.1
167	14.4	11.3	16.9



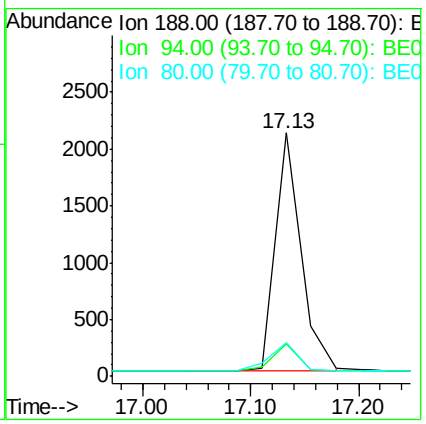


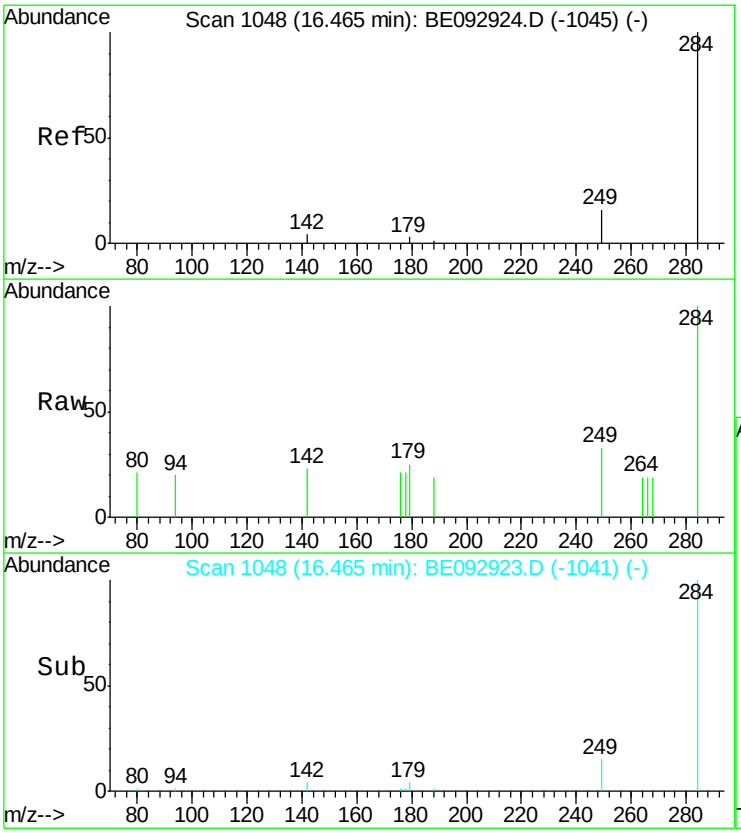
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 3533

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.2	15.4
80	13.7	10.6	15.8

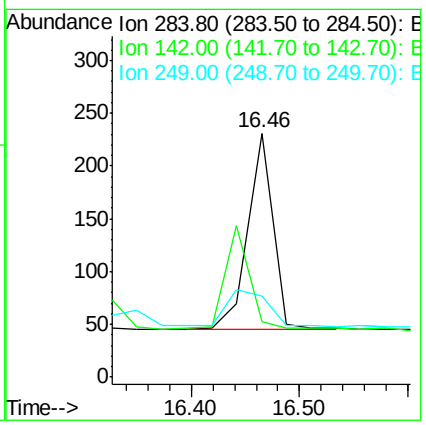


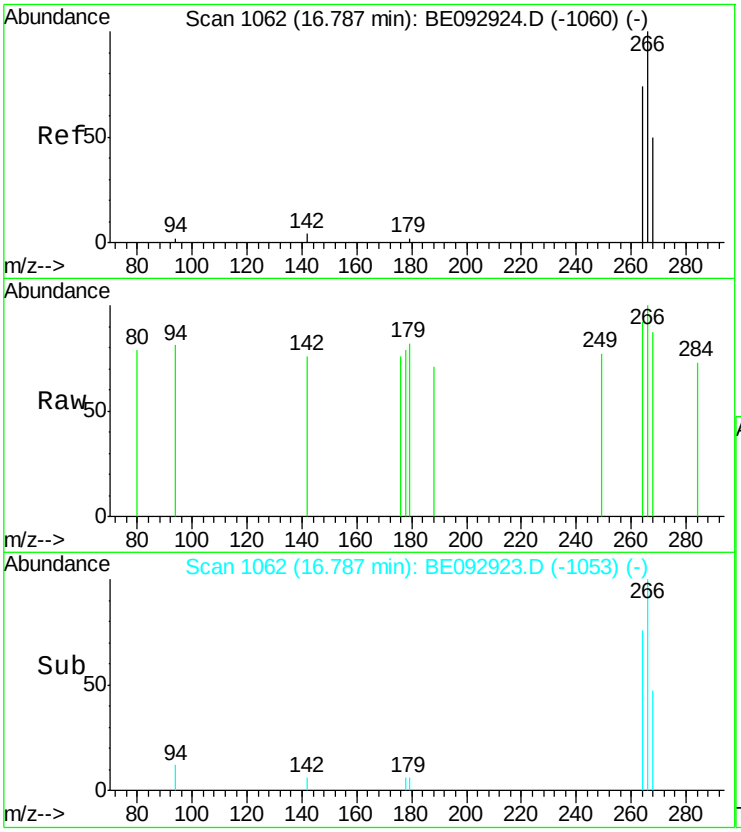


#20
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.46 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:284 Resp: 304

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



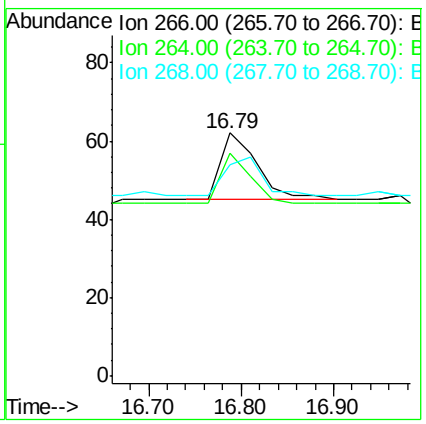


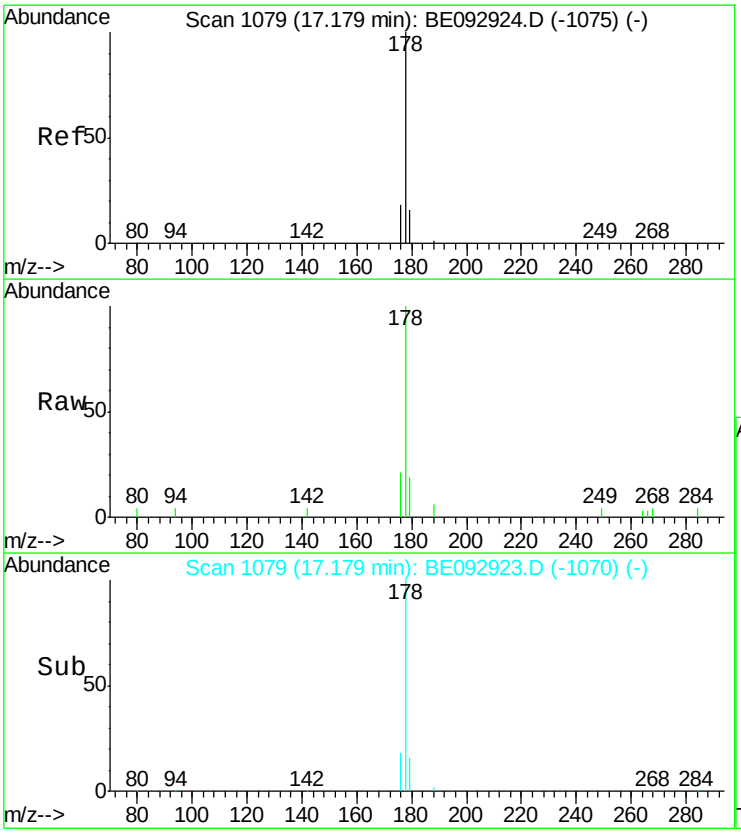
#21
Pentachlorophenol
Concen: 0.17 ng
RT: 16.79 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	91.9	75.4	113.2
268	87.1	75.4	113.2

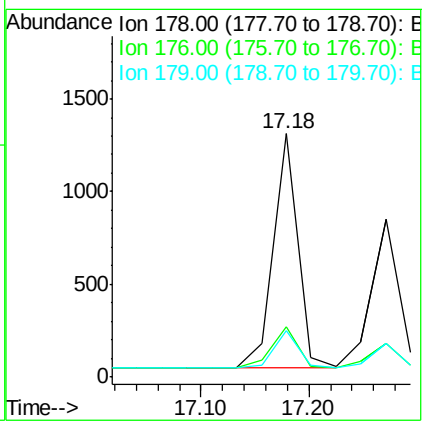


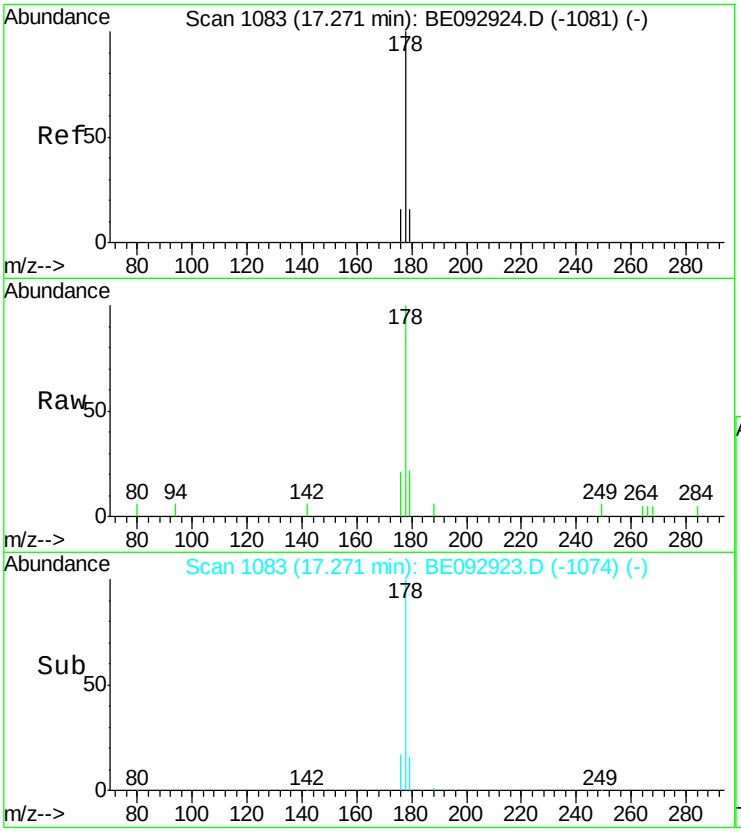


#22
Phenanthrene
Concen: 0.20 ng
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:178 Resp: 2036

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.2	21.4
179	15.6	13.6	20.4



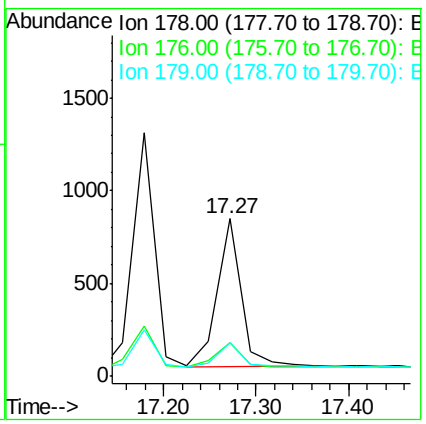


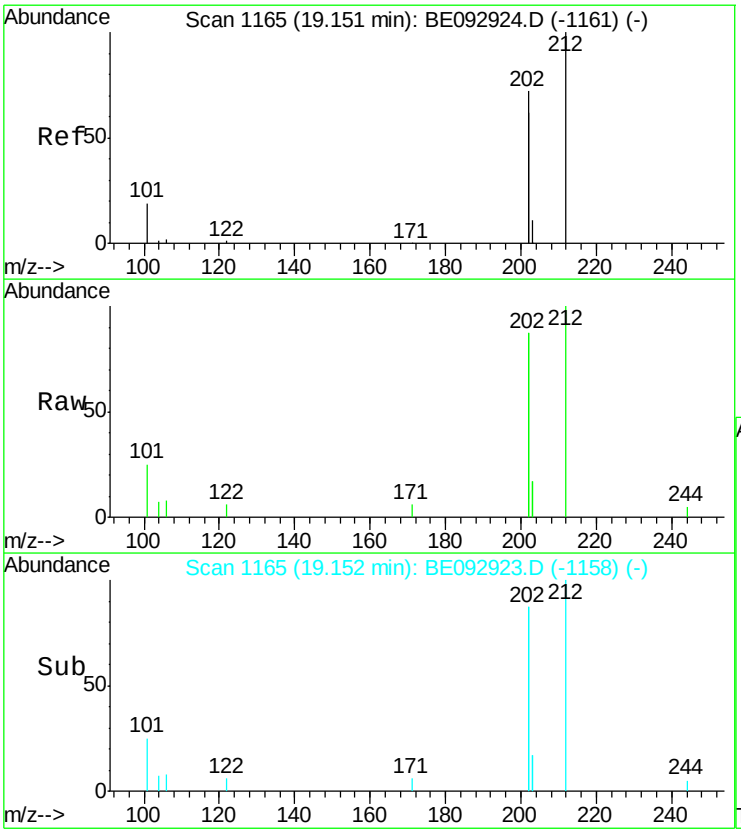
#23
Anthracene
Concen: 0.18 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 1436

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.7	12.8	19.2

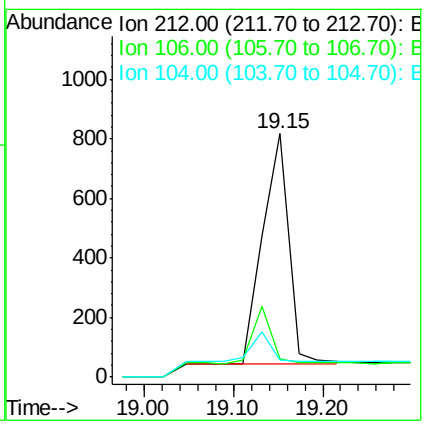


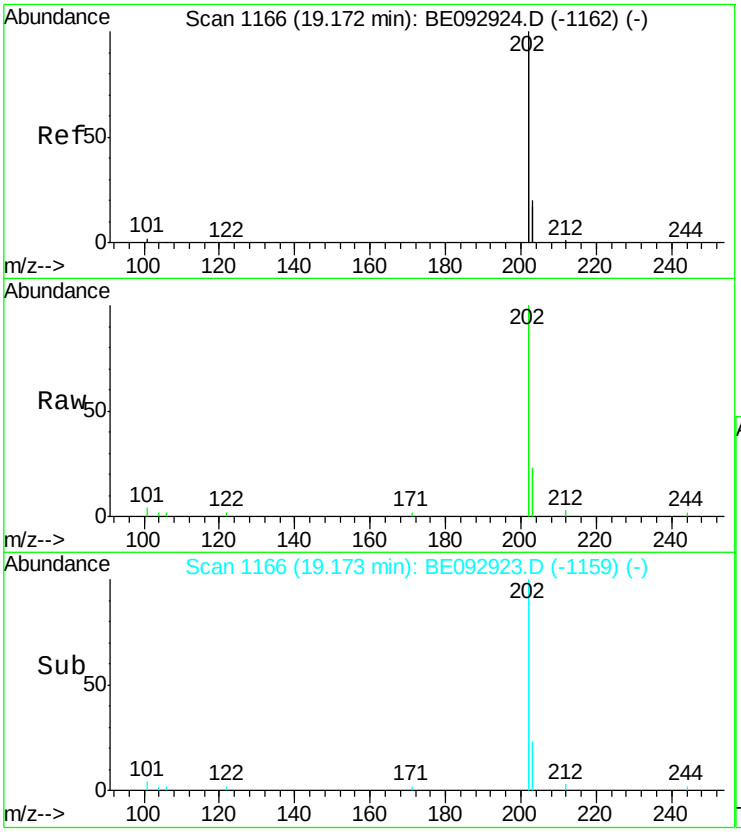


#24
Fluoranthene-d10
Concen: 0.19 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:212 Resp: 1580

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



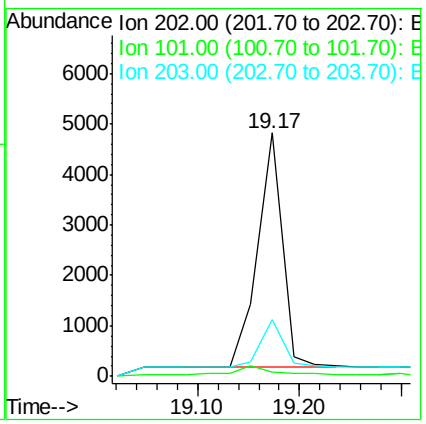


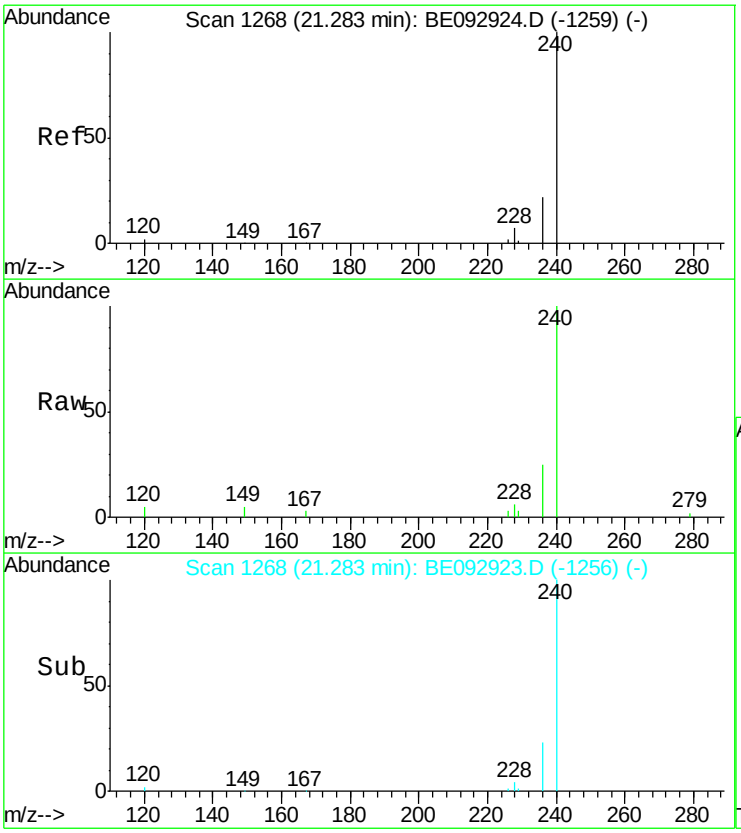
#25
Fluoranthene
Concen: 0.18 ng
RT: 19.17 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 7795

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	17.5	15.3	22.9

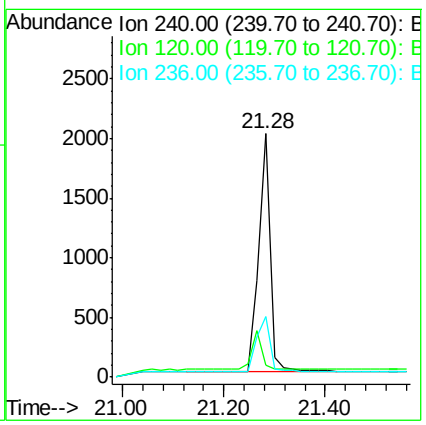


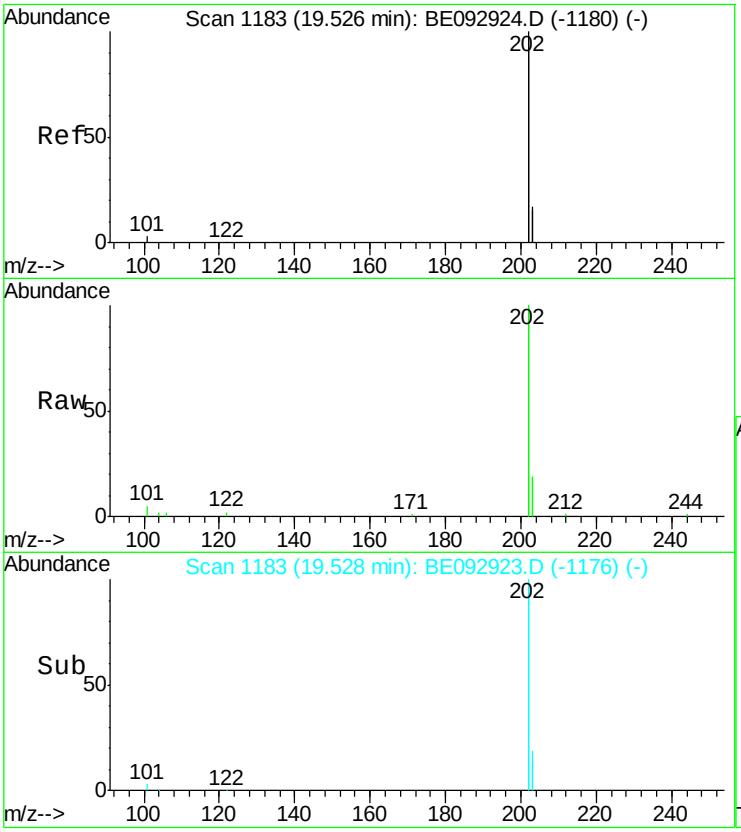


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:240 Resp: 3105

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	6.8
236	24.6	19.8	29.8



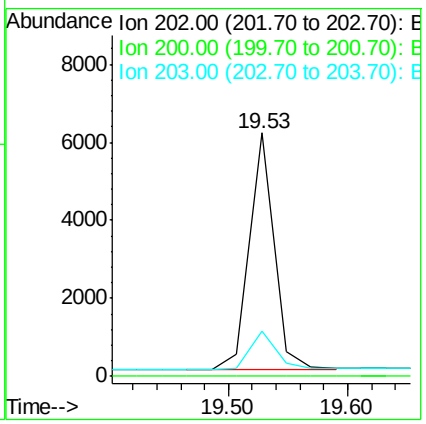


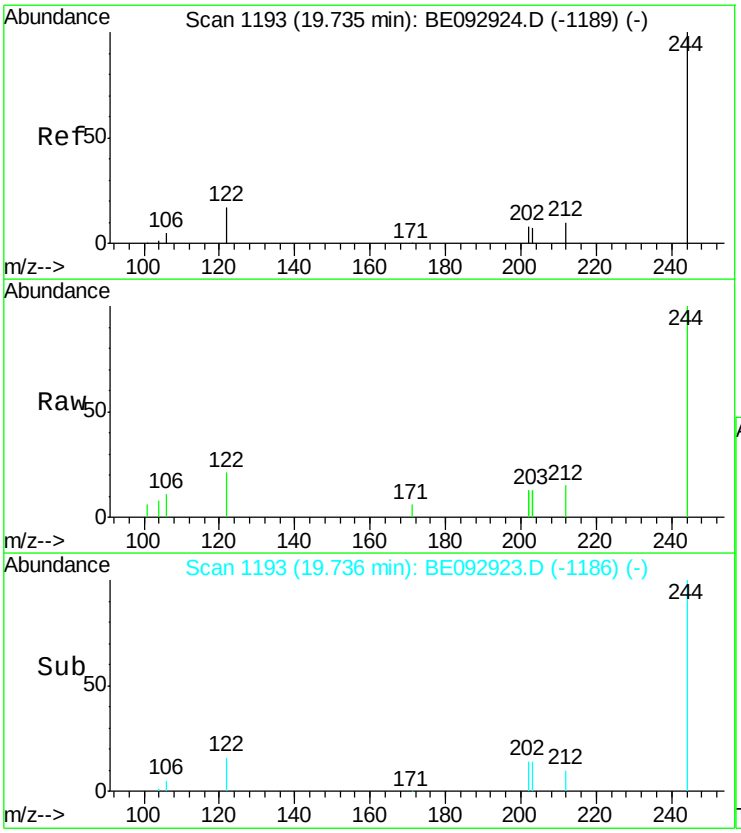
#27
Pyrene
Concen: 0.22 ng
RT: 19.53 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 8771

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.1	13.5	20.3

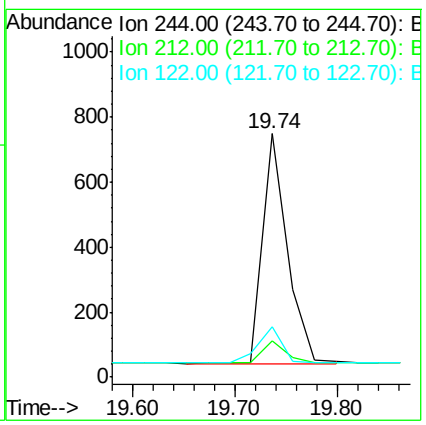


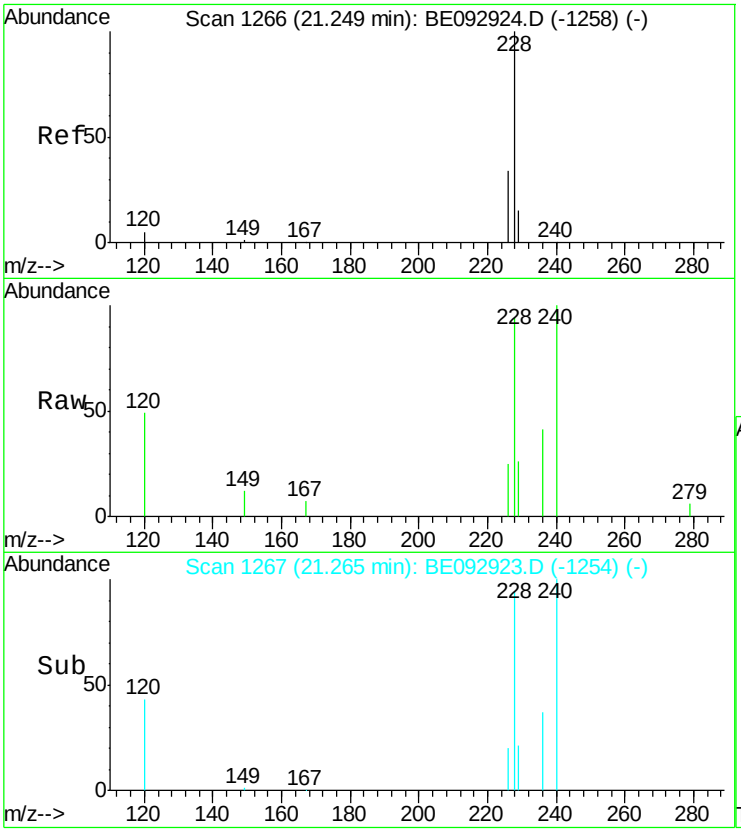


#28
Terphenyl-d14
Concen: 0.22 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:244 Resp: 1194

Ion	Ratio	Lower	Upper
244	100		
212	15.0	18.4	27.6#
122	21.0	23.3	34.9#



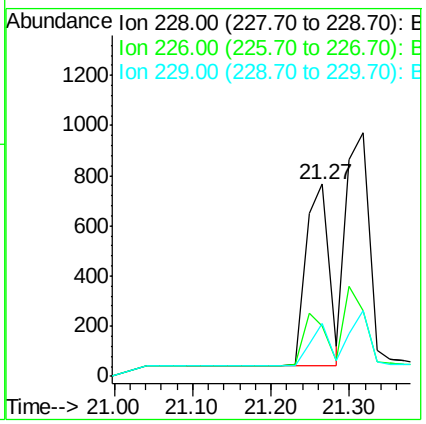


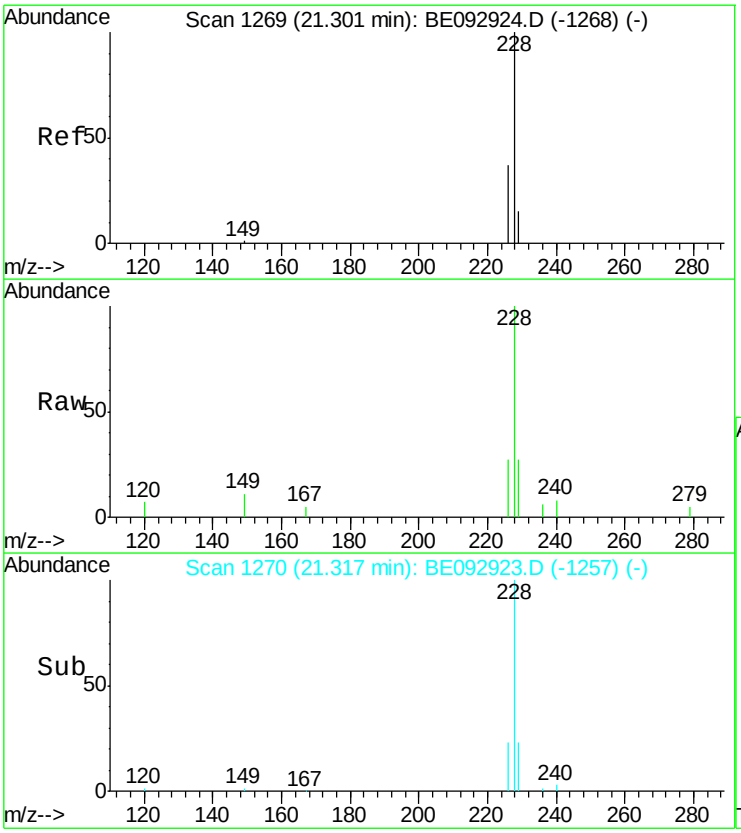
#29
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 1461

Ion	Ratio	Lower	Upper
228	100		
226	26.1	32.0	48.0#
229	27.3	21.4	32.0

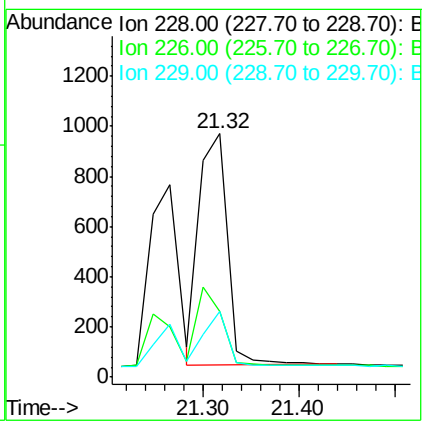


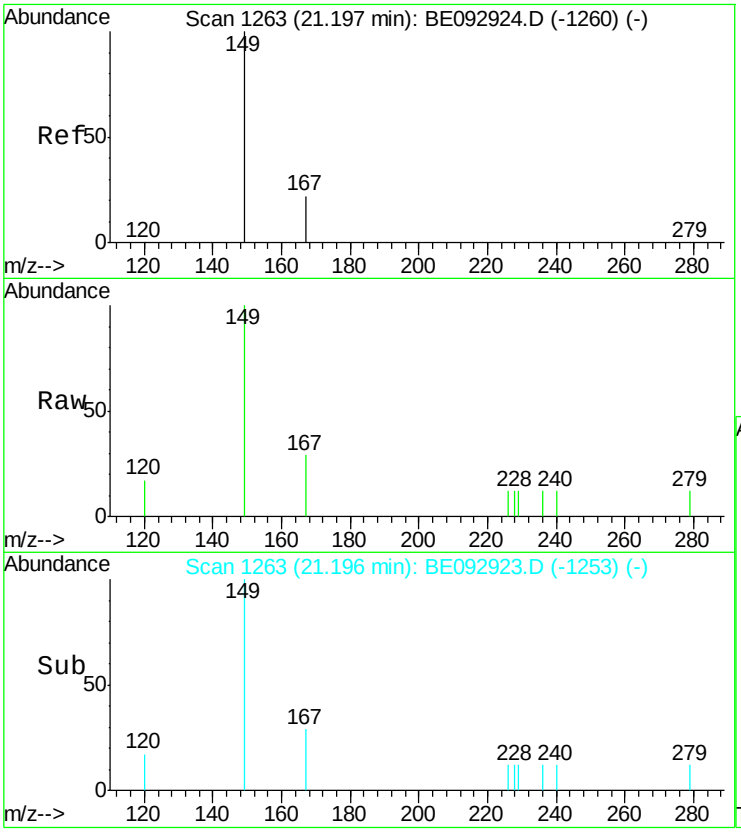


#30
Chrysene
Concen: 0.21 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:228 Resp: 1913

Ion	Ratio	Lower	Upper
228	100		
226	26.9	34.2	51.2#
229	26.8	18.6	28.0



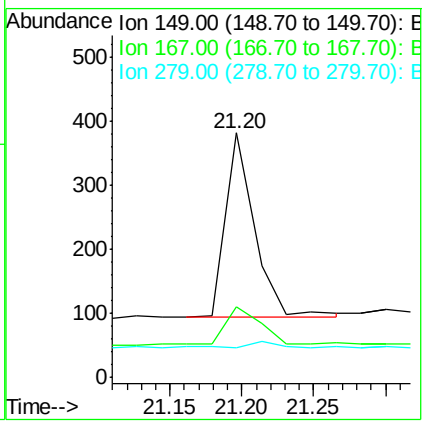


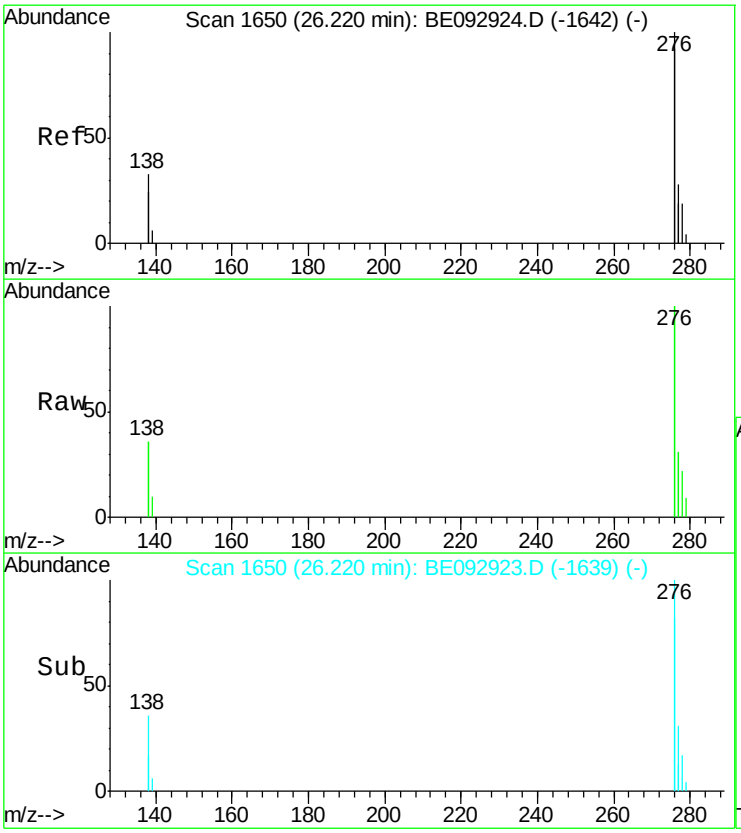
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.20 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 408

Ion	Ratio	Lower	Upper
149	100		
167	23.0	20.9	31.3
279	0.0	0.0	0.0

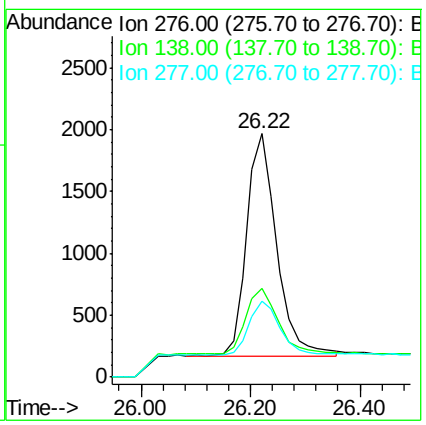


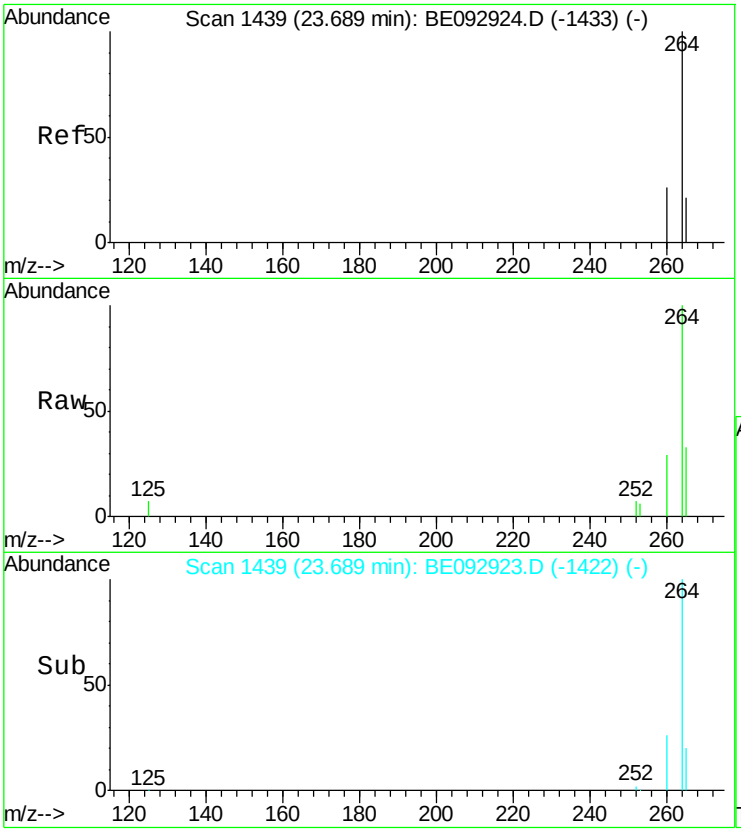


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 26.22 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:276 Resp: 6811

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.8	38.6
277	25.3	20.2	30.4



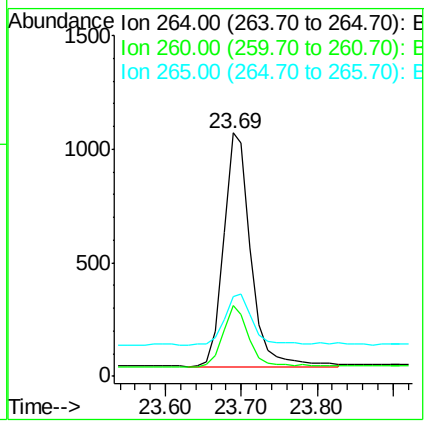


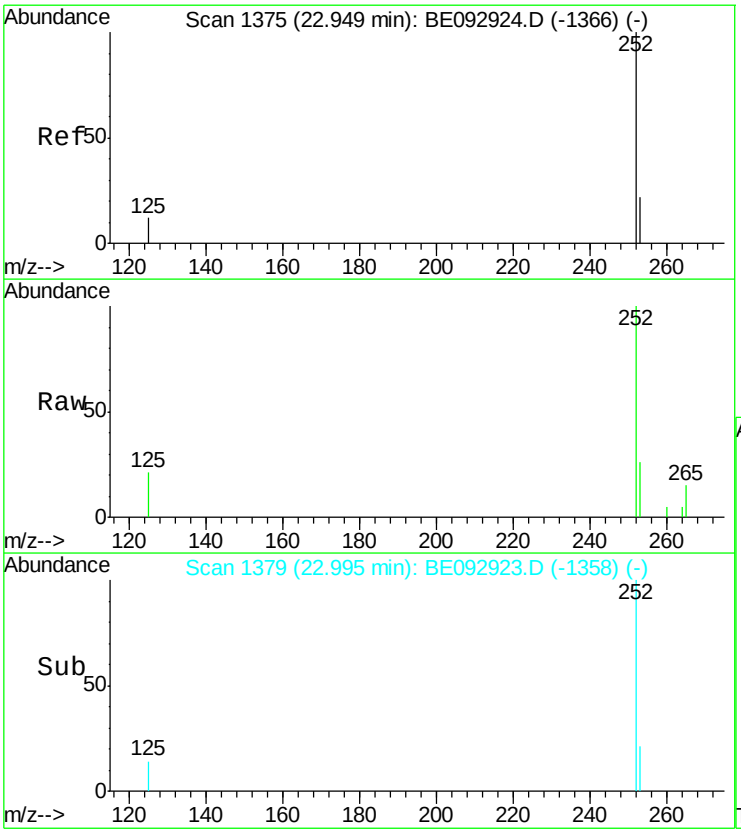
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 2588

Ion	Ratio	Lower	Upper
264	100		
260	29.3	23.5	35.3
265	32.8	27.2	40.8

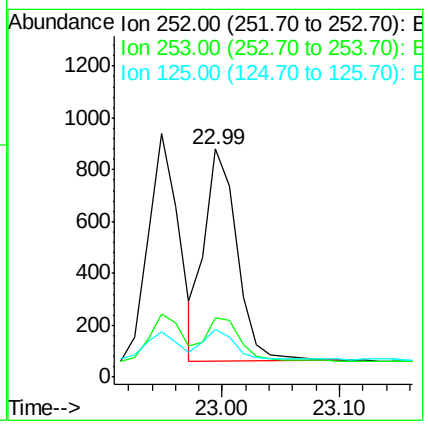


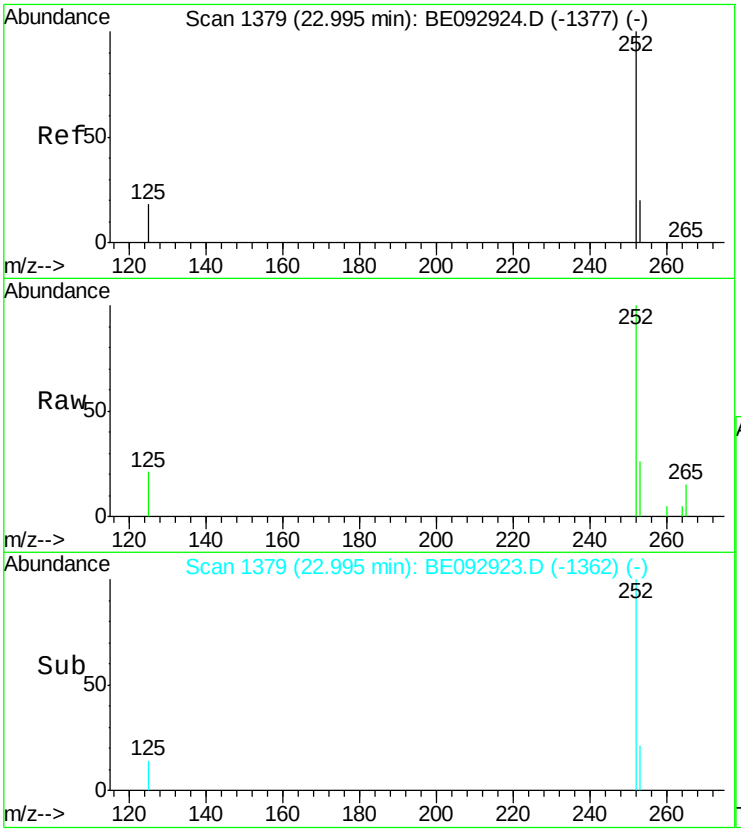


#34
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 22.99 min Scan# 1379
Delta R.T. 0.05 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:252 Resp: 1572

Ion	Ratio	Lower	Upper
252	100		
253	26.1	24.7	37.1
125	21.0	20.3	30.5



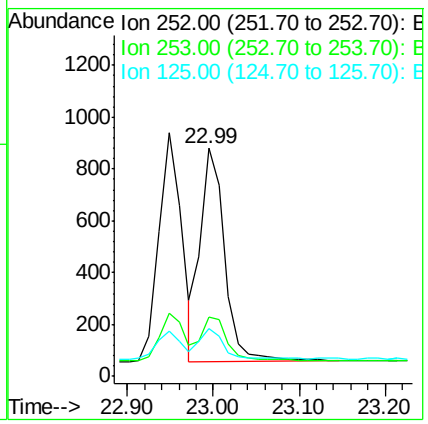


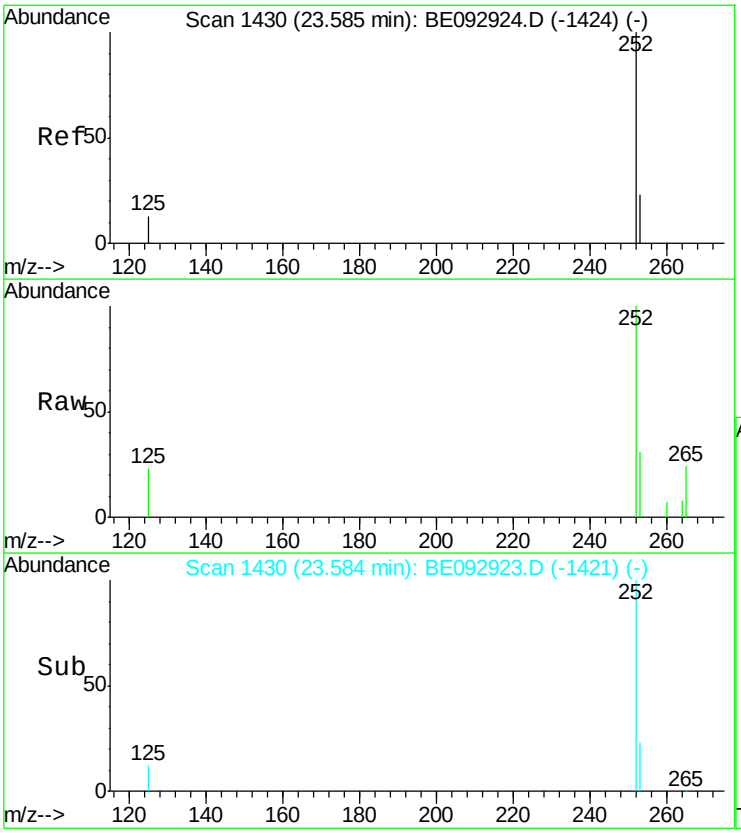
#35
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 22.99 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1609

Ion	Ratio	Lower	Upper
252	100		
253	26.1	25.8	38.8
125	21.0	22.9	34.3#

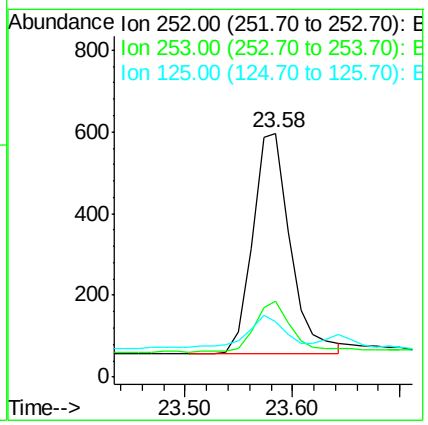


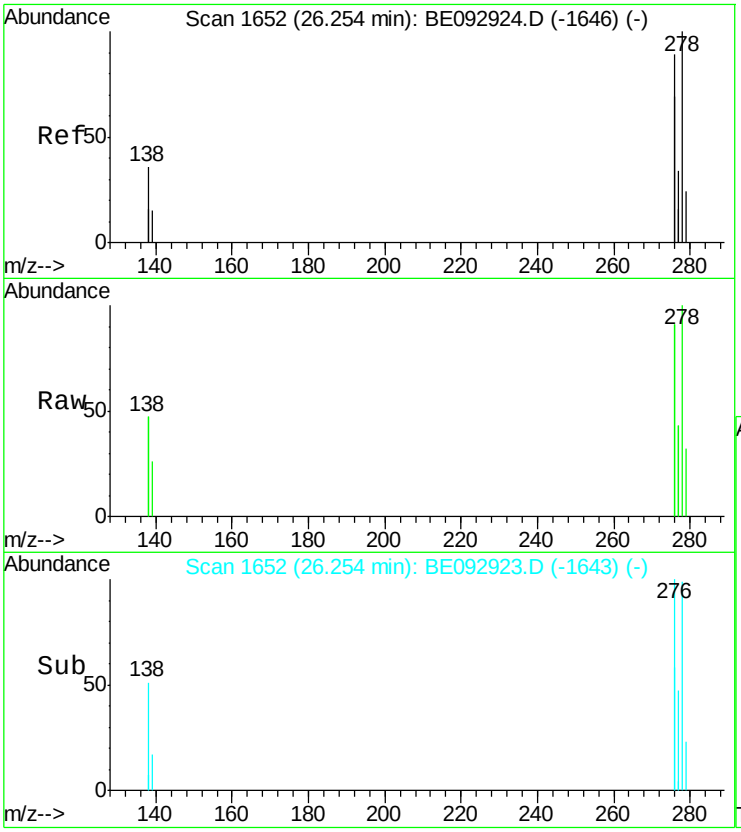


#36
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:252 Resp: 1321

Ion	Ratio	Lower	Upper
252	100		
253	31.0	31.3	46.9#
125	22.8	26.4	39.6#



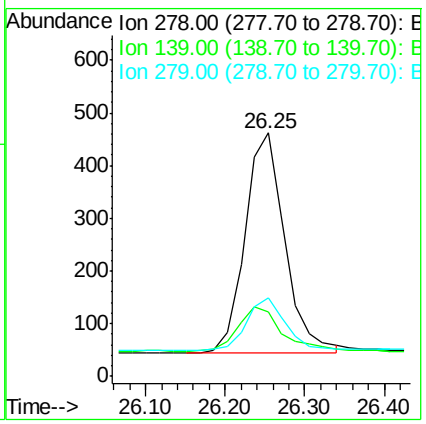


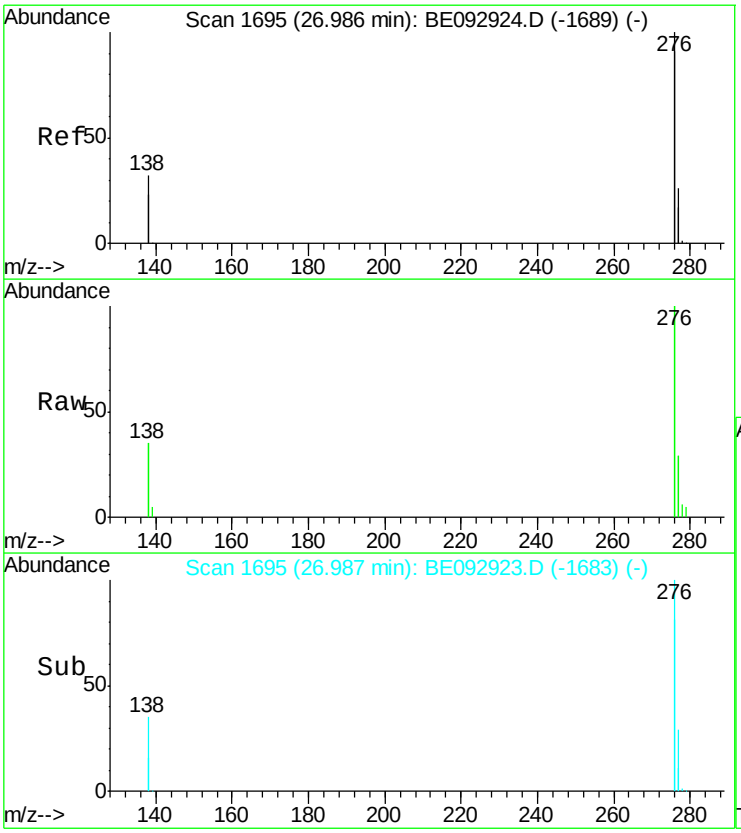
#37
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 1458

Ion	Ratio	Lower	Upper
278	100		
139	26.4	27.4	41.2#
279	32.0	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 26.99 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:276 Resp: 6484

Ion	Ratio	Lower	Upper
276	100		
277	29.3	29.9	44.9#
138	35.0	34.6	51.8