Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094890.D
Acq On : 30 Nov 2017 13:49
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Nov 30 15:22:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 15:20:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8226	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	18249	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	10114	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	25427	0.40	ng		0.00
27) Chrysene-d12	21.88	240	31091	0.40	ng		0.00
34) Perylene-d12	24.57	264	24647	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	5257	0.19	ng		0.00
5) Phenol-d6	7.59	99	7747	0.18	ng		0.00
8) Nitrobenzene-d5	9.66	82	4290	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	11670	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	836	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	17554	0.49	ng		0.00
25) Fluoranthene-d10	19.76	212	137669	0.45	ng		0.00
29) Terphenyl-d14	20.33	244	22698	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	3662	0.263	ng	#	91
3) n-Nitrosodimethylamine	4.03	42	4311	0.323	ng	#	80
6) bis(2-Chloroethyl)ether	7.88	93	7812	0.237	ng		97
9) Naphthalene	11.38	128	86089	0.417	ng		100
10) Hexachlorobutadiene	11.64	225	3643	0.487	ng		96
12) 2-Methylnaphthalene	12.94	142	21001	0.599	ng		96
16) Acenaphthylene	14.79	152	22231	0.416	ng		99
17) Acenaphthene	15.13	154	14489	0.423	ng		95
18) Fluorene	16.10	166	19057	0.434	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	5604	0.404	ng	#	65
21) Hexachlorobenzene	17.09	284	5611	0.462	ng	#	80
22) Pentachlorophenol	17.43	266	1241	0.799	ng	#	71
23) Phenanthrene	17.82	178	32685	0.497	ng		99
24) Anthracene	17.91	178	33384	0.447	ng	#	93
26) Fluoranthene	19.79	202	41407	0.443	ng		99
28) Pyrene	20.14	202	42597	0.392	ng	#	96
30) Benzo(a)anthracene	21.87	228	37132	0.367	ng	#	61
31) Chrysene	21.92	228	42079	0.410	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	54109	0.218	ng		100
33) Indeno(1,2,3-cd)pyrene	27.44	276	33881	0.357	ng		99
35) Benzo(b)fluoranthene	23.73	252	35124	0.441	ng	#	41
36) Benzo(k)fluoranthene	23.79	252	35569	0.419	ng	#	40
37) Benzo(a)pyrene	24.44	252	30594	0.395	ng	#	33
38) Dibenzo(a,h)anthracene	27.47	278	28371	0.408	ng	#	44
39) Benzo(g,h,i)perylene	28.33	276	28521	0.439	ng	#	53

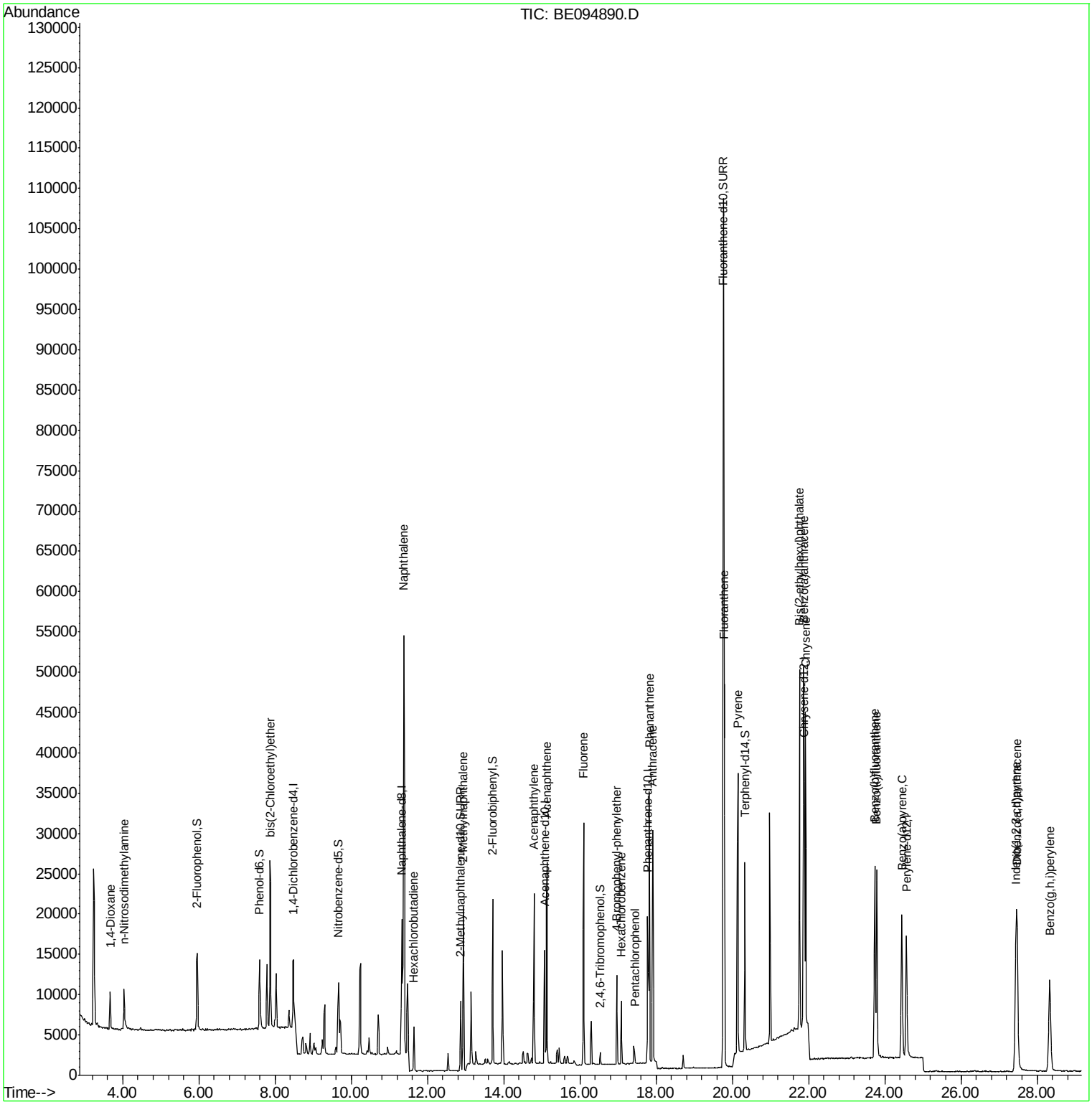
(#) = qualifier out of range (m) = manual integration (+) = signals summed

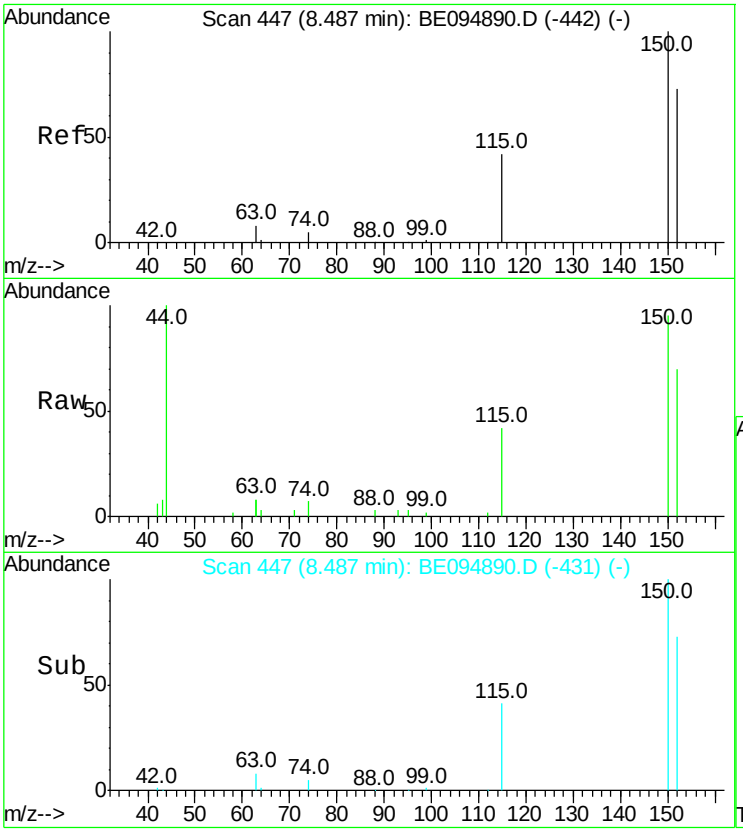
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
Data File : BE094890.D
Acq On : 30 Nov 2017 13:49
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 30 15:22:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 15:20:25 2017
Response via : Initial Calibration



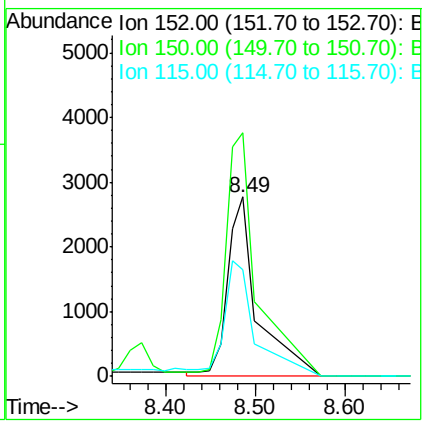


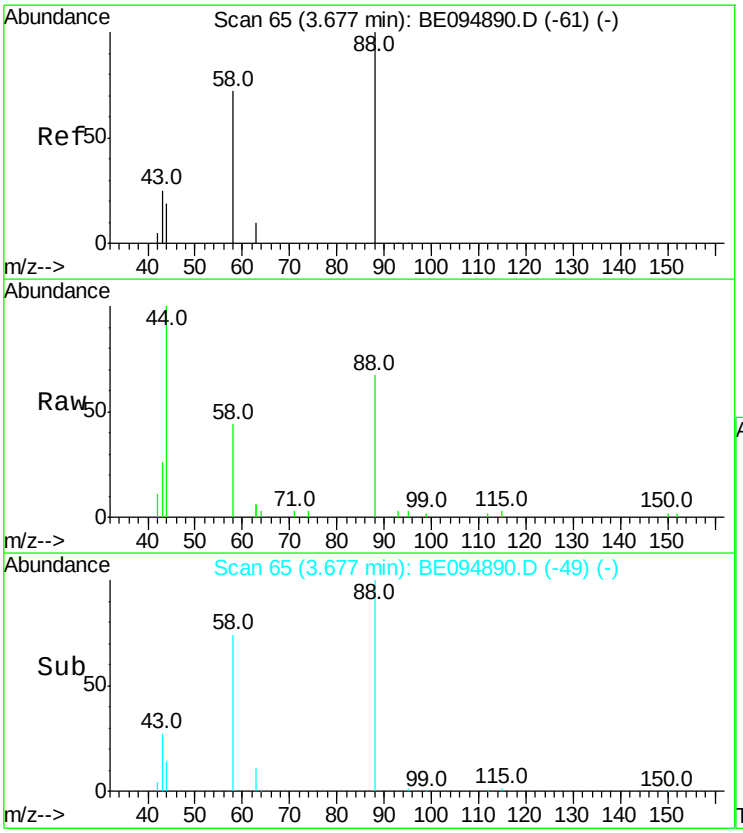
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8226

Ion	Ratio	Lower	Upper
152	100		
150	135.7	117.2	175.8
115	59.5	57.0	85.6

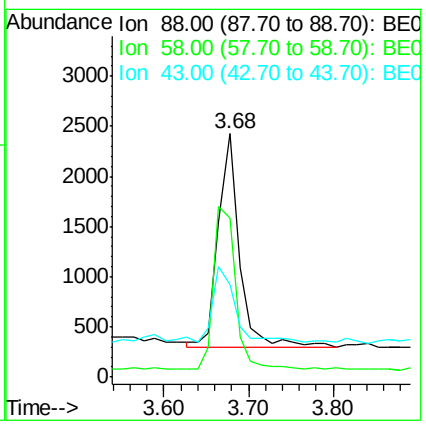


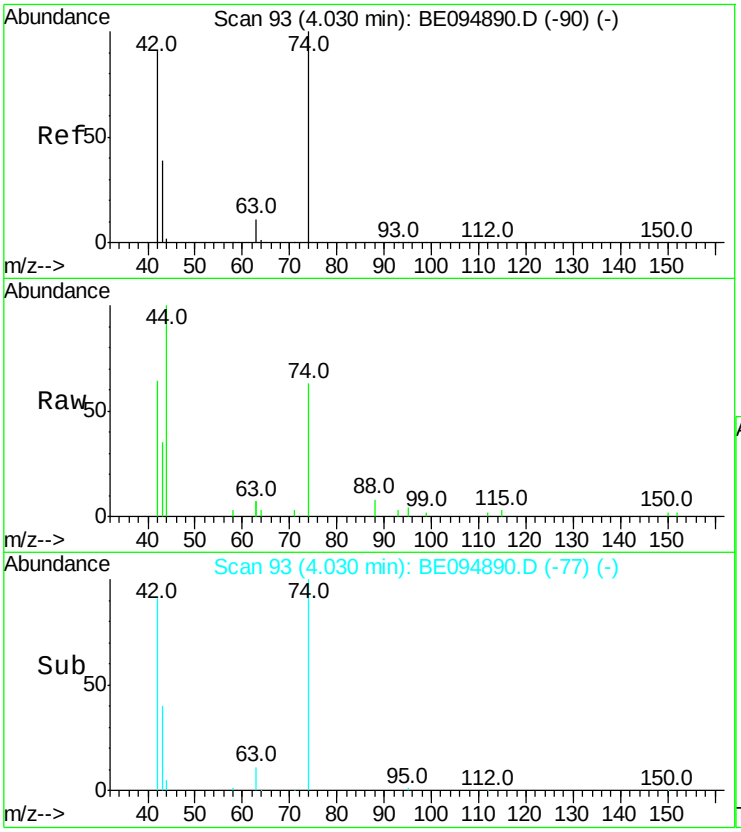


#2
1,4-Dioxane
Concen: 0.263 ng
RT: 3.68 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion: 88 Resp: 3662

Ion	Ratio	Lower	Upper
88	100		
58	79.6	63.2	94.8
43	36.4	41.2	61.8#



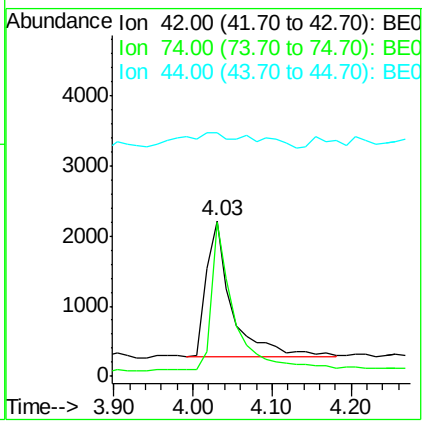


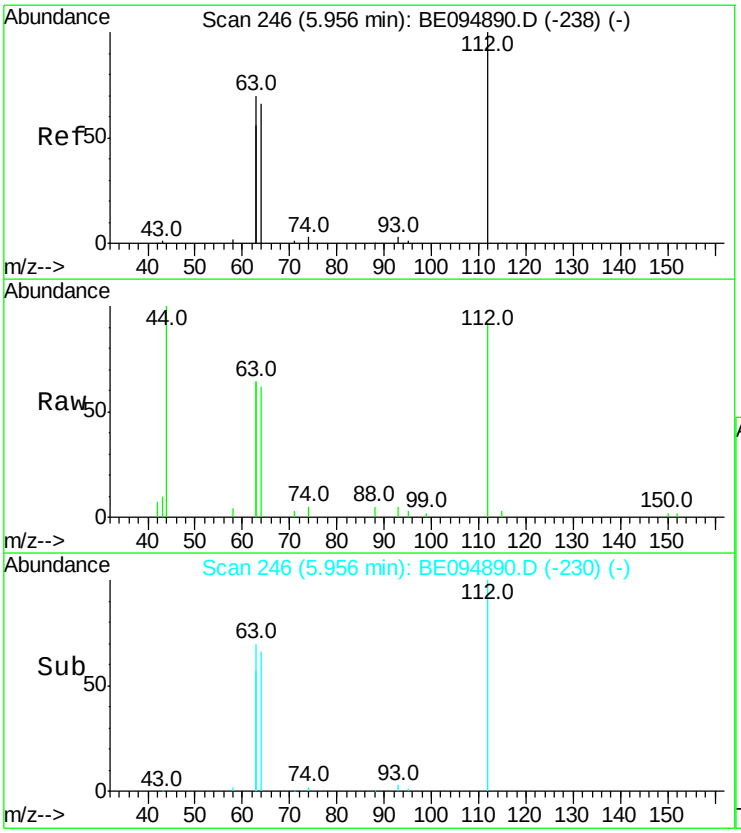
#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 4.03 min Scan# 93
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 4311

Ion	Ratio	Lower	Upper
42	100		
74	99.1	100.3	150.5#
44	19.3	17.0	25.4

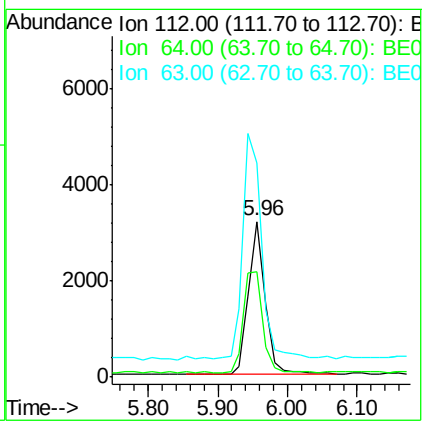


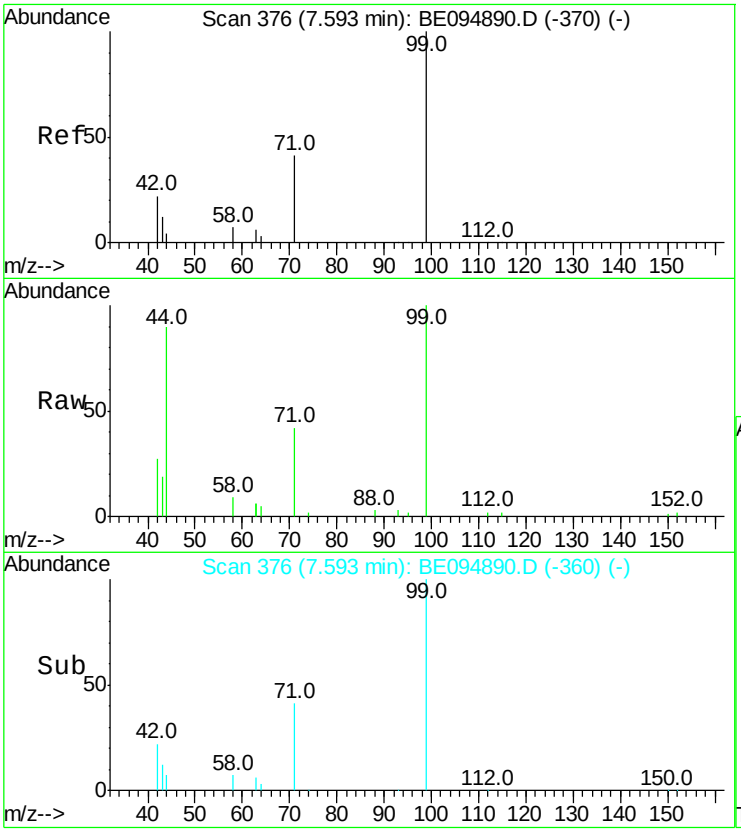


#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.96 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:112 Resp: 5257

Ion	Ratio	Lower	Upper
112	100		
64	76.0	60.1	90.1
63	165.1	116.8	175.2



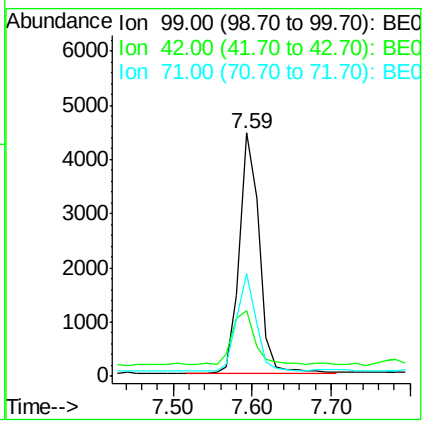


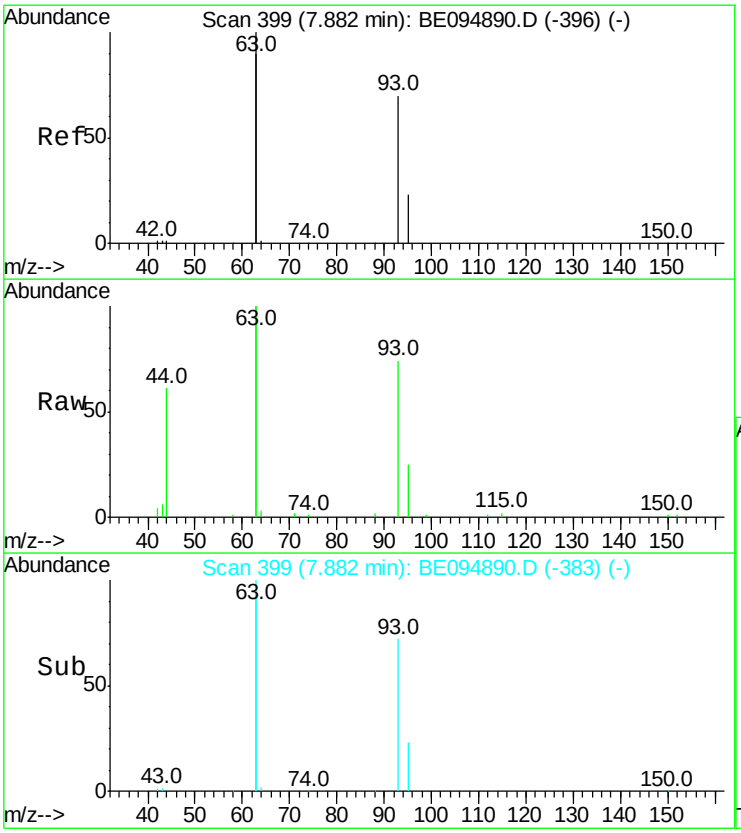
#5
Phenol-d6
Concen: 0.182 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 7747

Ion	Ratio	Lower	Upper
99	100		
42	25.9	20.2	30.2
71	40.1	28.4	42.6

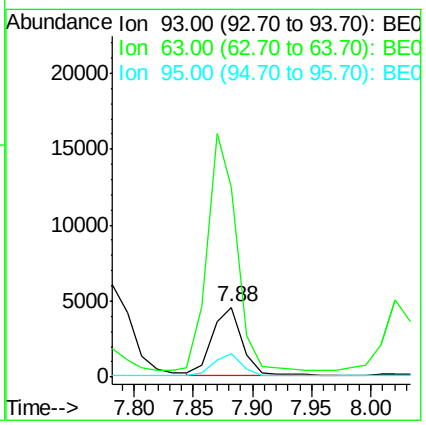


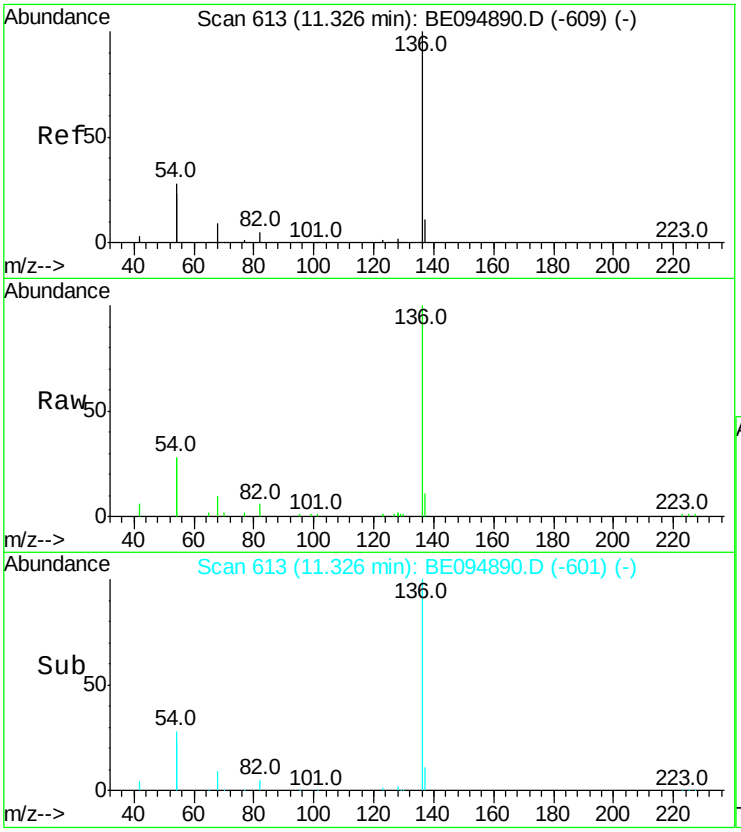


#6
bis(2-Chloroethyl)ether
Concen: 0.237 ng
RT: 7.88 min Scan# 399
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion: 93 Resp: 7812

Ion	Ratio	Lower	Upper
93	100		
63	336.7	275.3	412.9
95	31.2	25.2	37.8



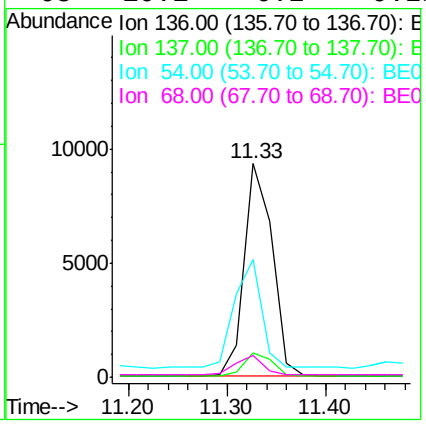


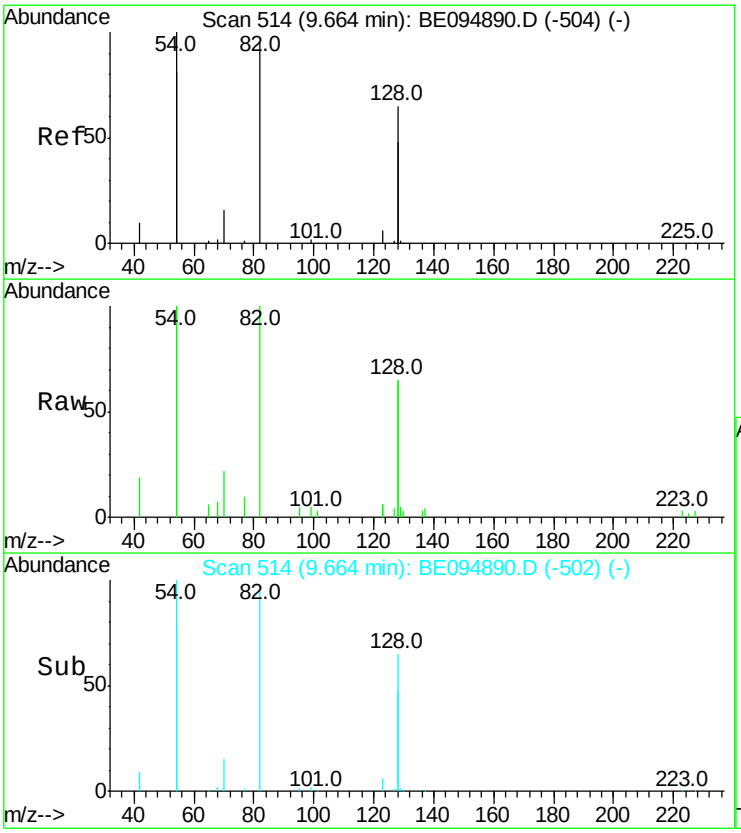
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 18249

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	55.0	29.1	43.7#
68	10.1	6.2	9.2#

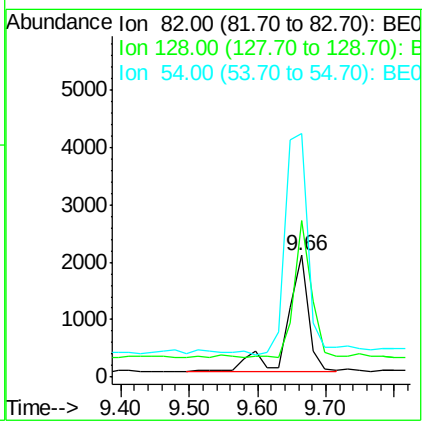


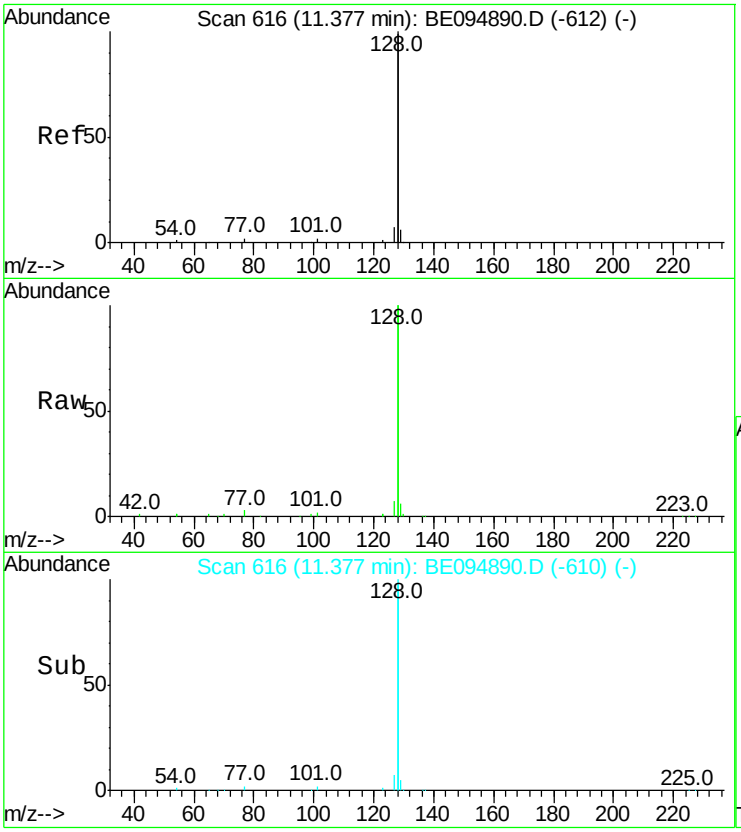


#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion: 82 Resp: 4290

Ion	Ratio	Lower	Upper
82	100		
128	129.1	150.0	225.0#
54	200.1	154.2	231.4



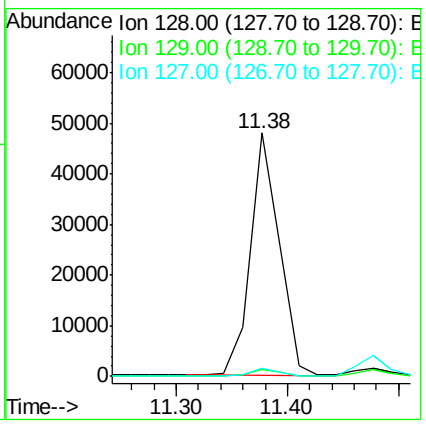


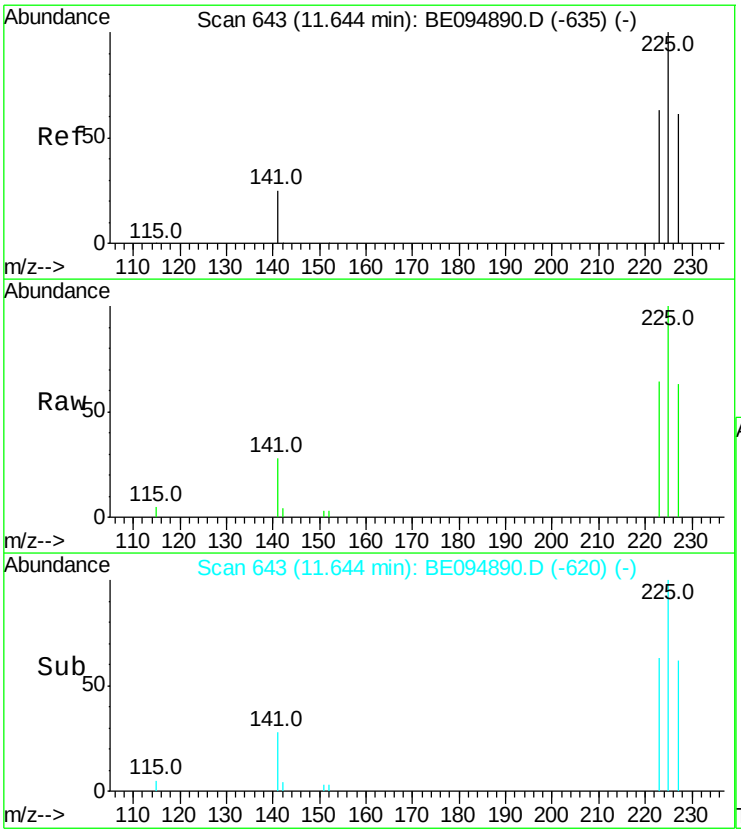
#9
Naphthalene
Concen: 0.417 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 86089

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

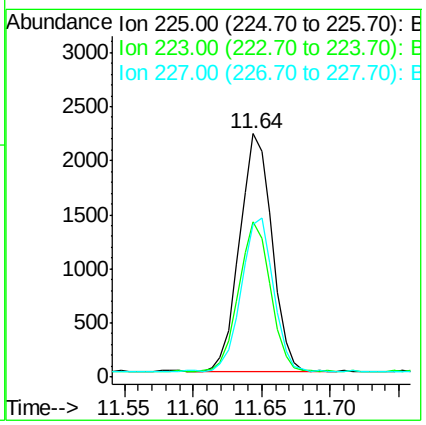


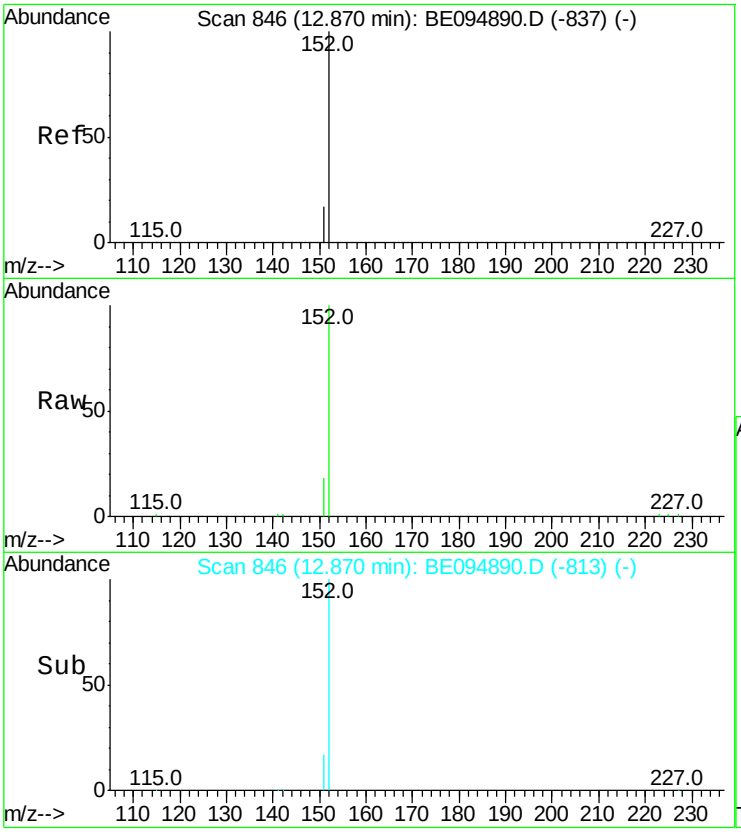


#10
Hexachlorobutadiene
Concen: 0.487 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:225 Resp: 3643

Ion	Ratio	Lower	Upper
225	100		
223	61.0	53.0	79.6
227	64.0	51.4	77.2



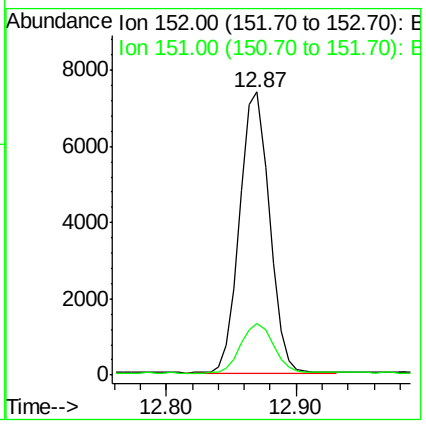


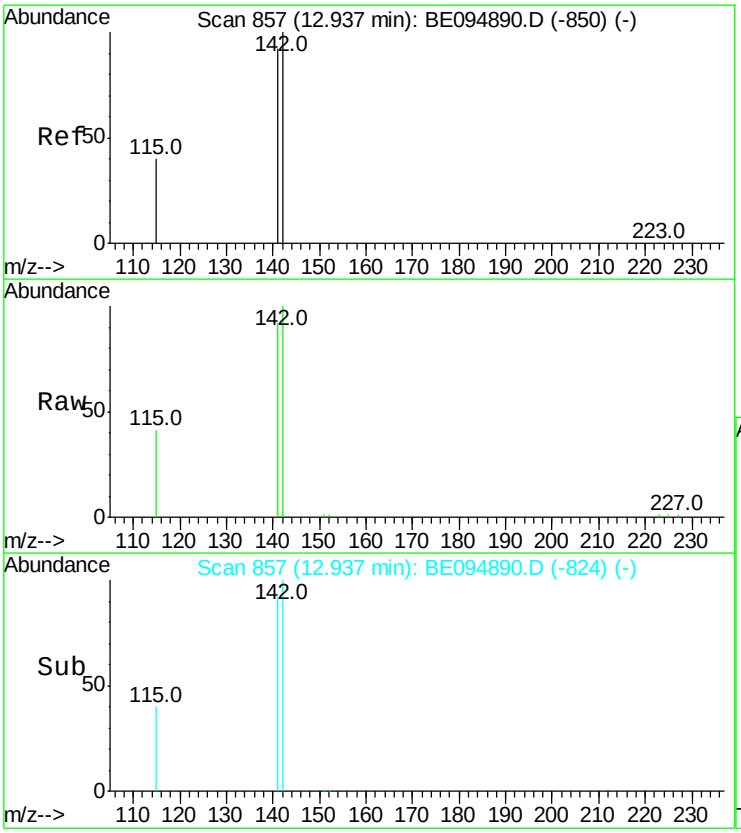
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 11670

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

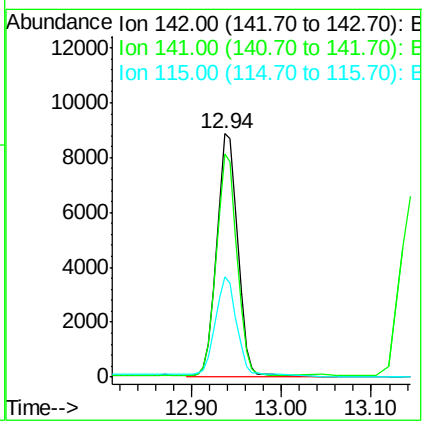


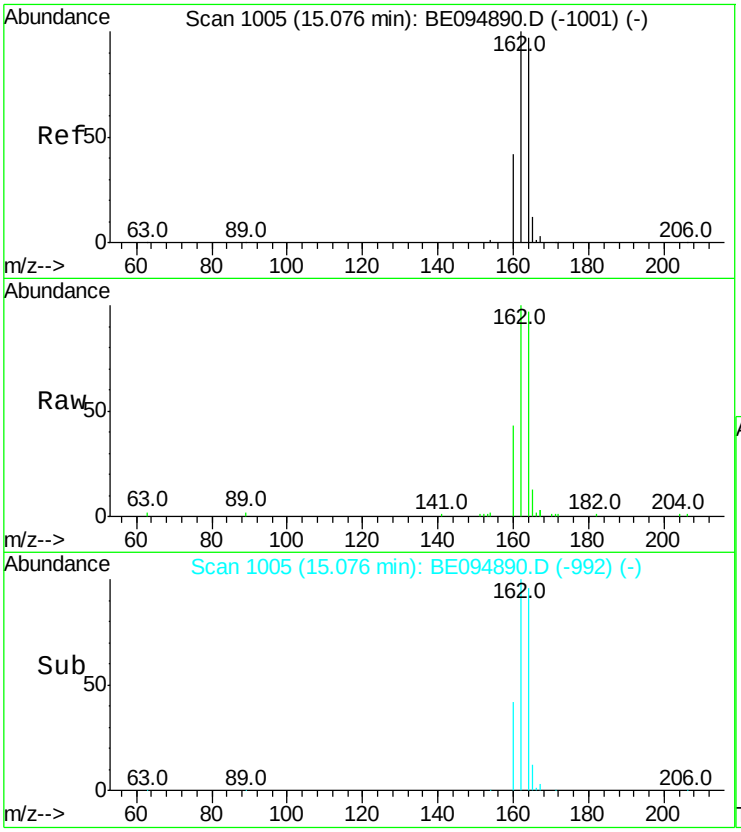


#12
2-Methylnaphthalene
Concen: 0.599 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:142 Resp: 21001

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.4	105.6
115	41.0	31.7	47.5



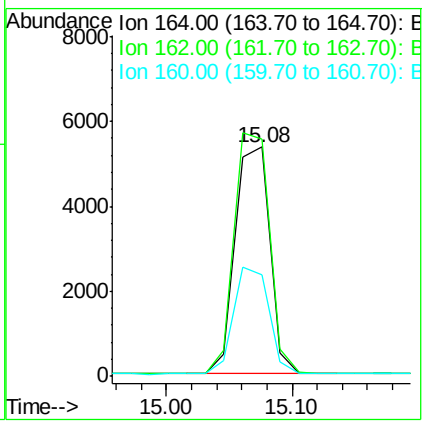


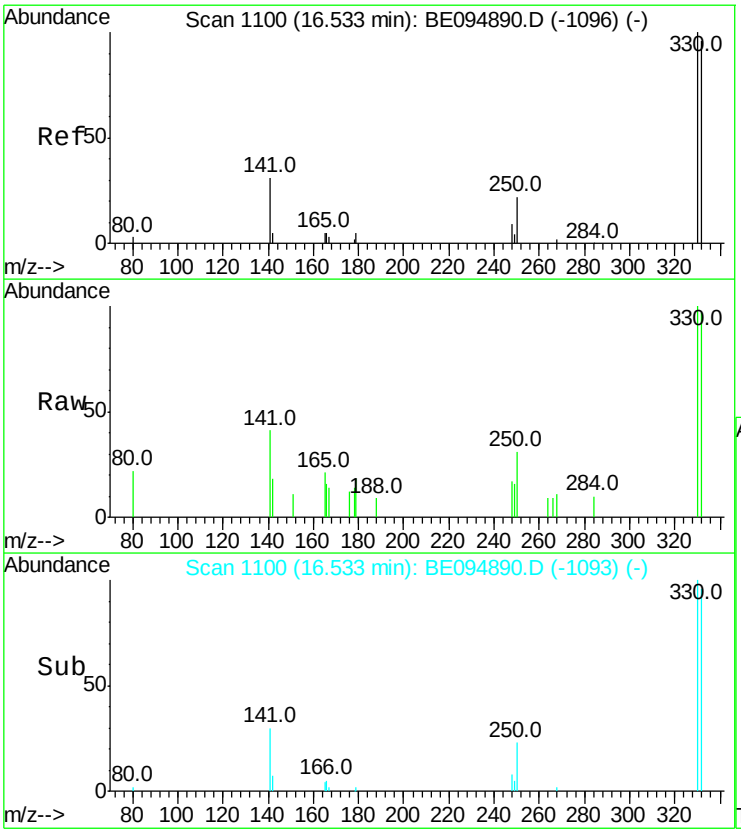
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 10114

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	44.3	37.1	55.7

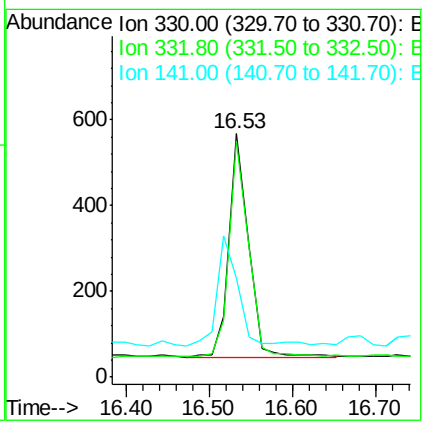


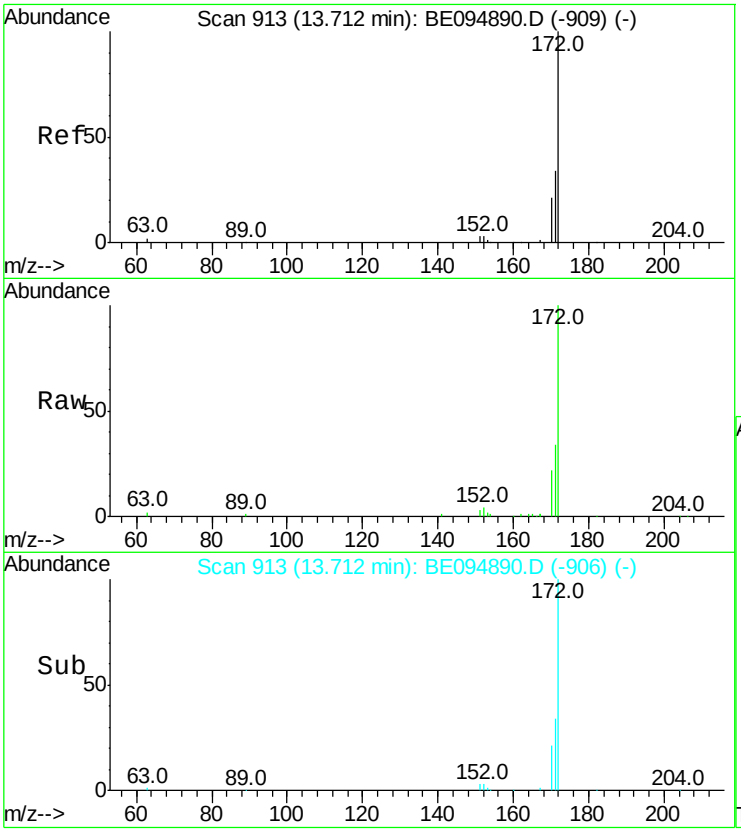


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:330 Resp: 836

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	52.8	33.7	50.5#



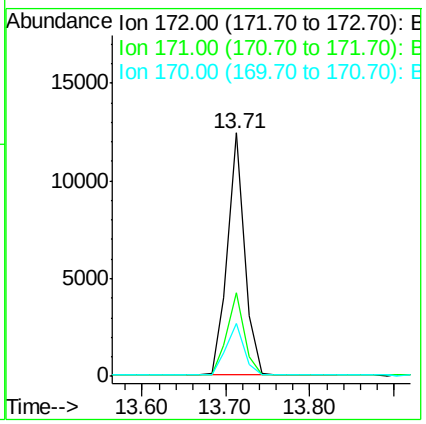


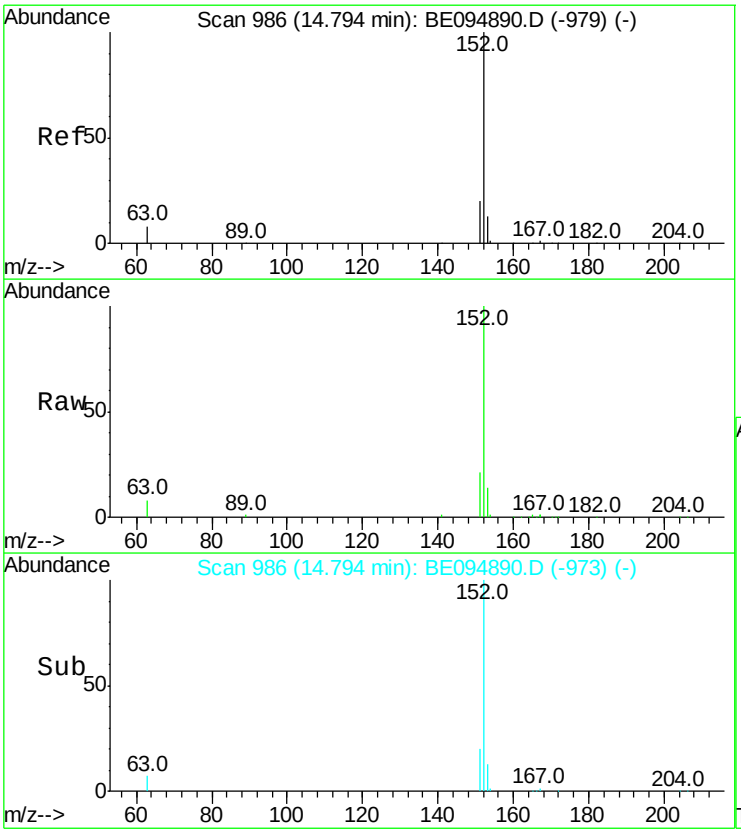
#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 17554

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	21.7	21.8	32.8#

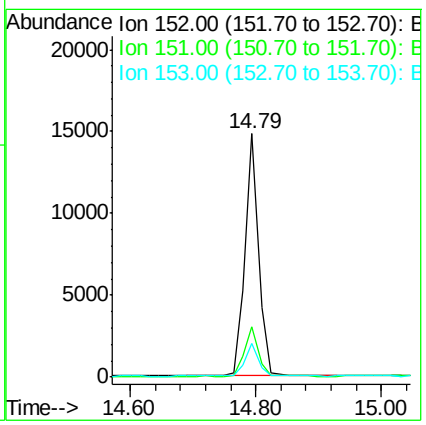


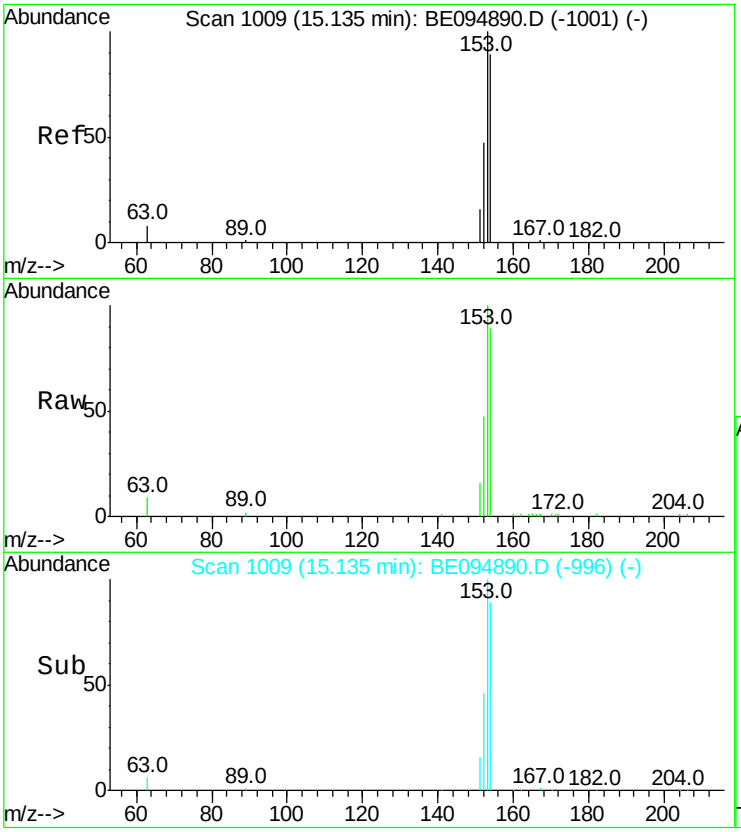


#16
Acenaphthylene
Concen: 0.416 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:152 Resp: 22231

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.3	10.5	15.7



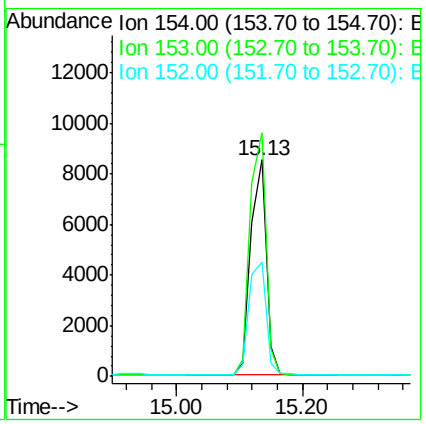


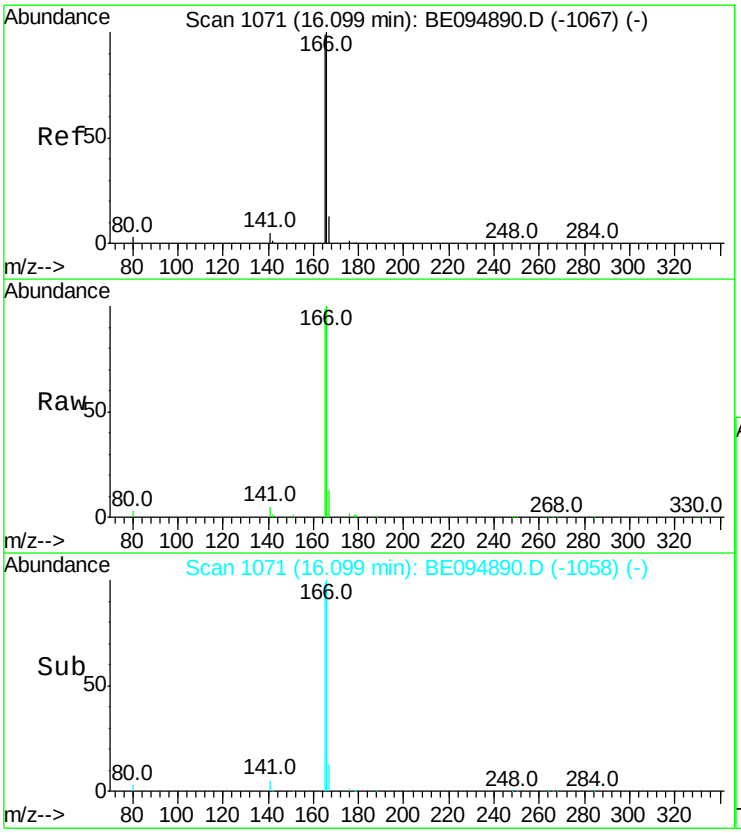
#17
Acenaphthene
Concen: 0.423 ng
RT: 15.13 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 14489

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.2	133.8
152	57.4	42.0	63.0

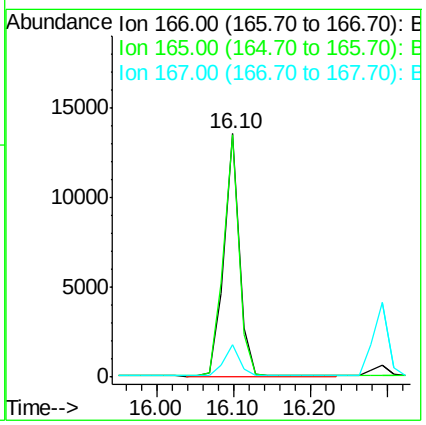


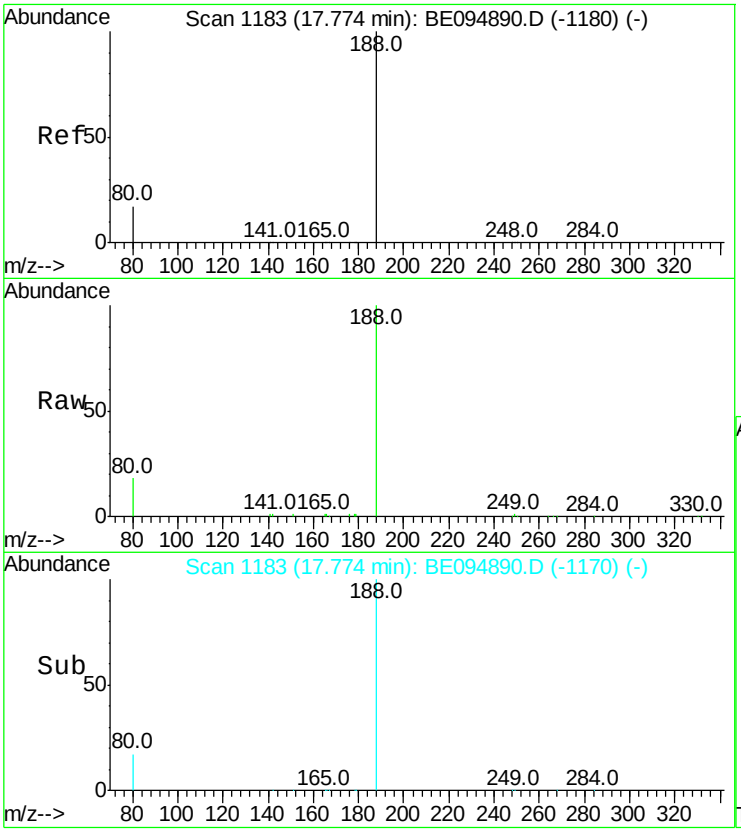


#18
Fluorene
Concen: 0.434 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:166 Resp: 19057

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.4	42.4	63.6#



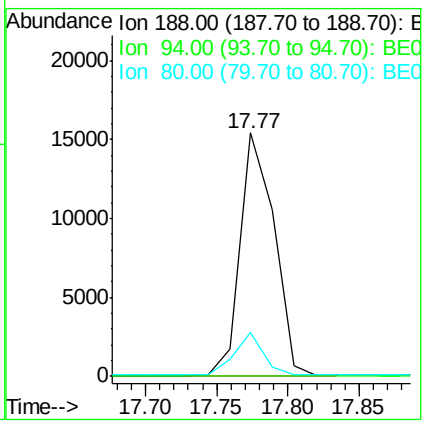


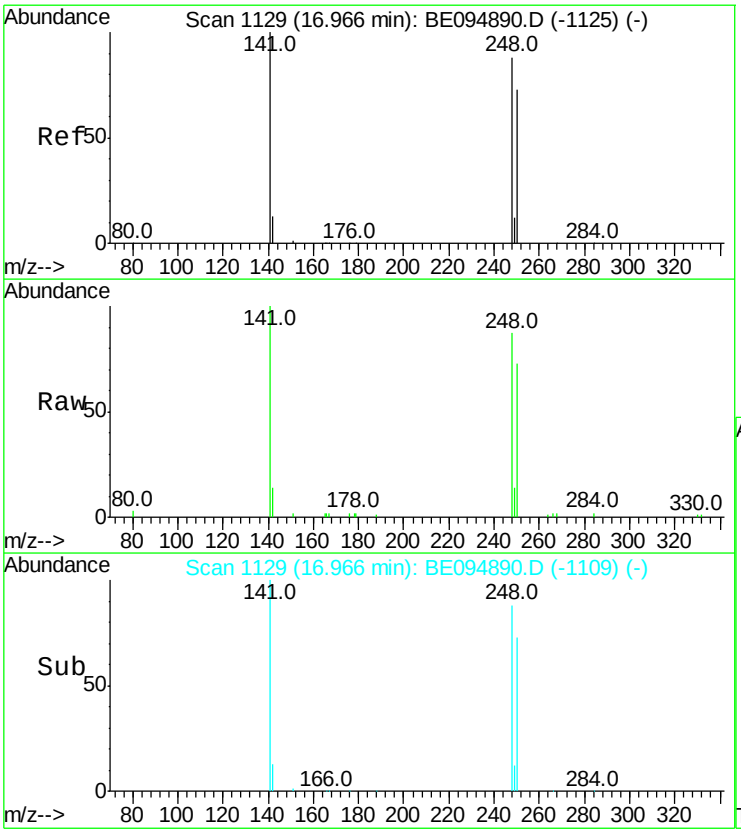
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 25427

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	18.1	3.6	5.4#

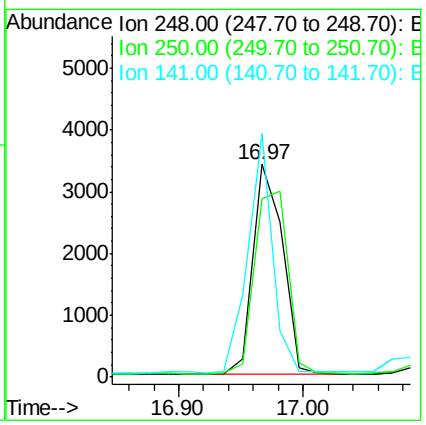


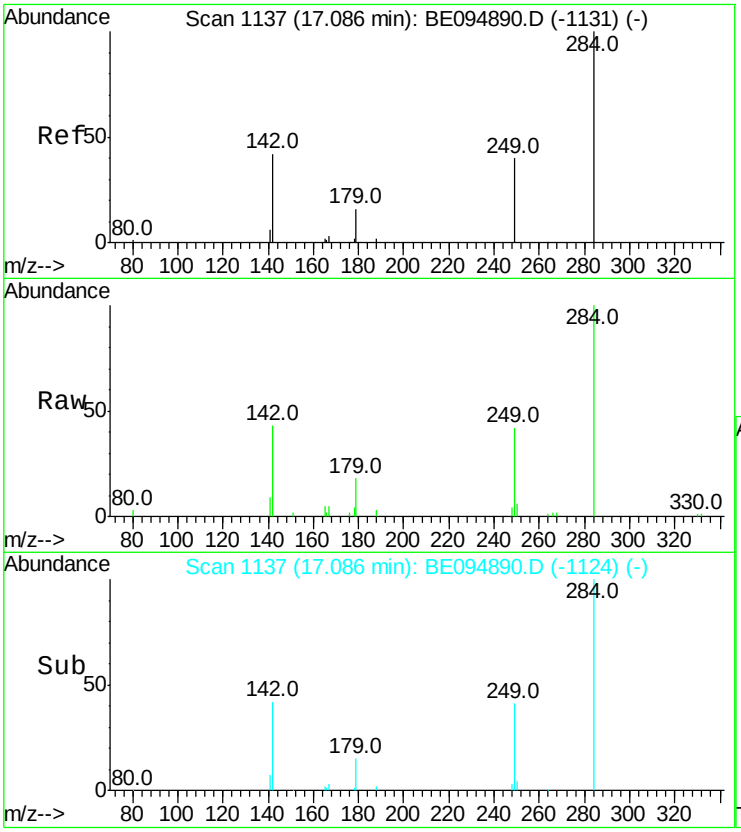


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.97 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:248 Resp: 5604

Ion	Ratio	Lower	Upper
248	100		
250	83.8	62.7	94.1
141	114.6	48.2	72.2#



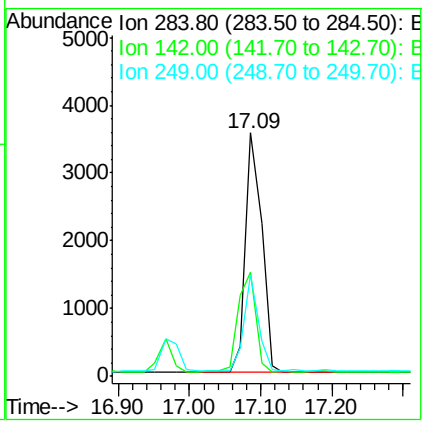


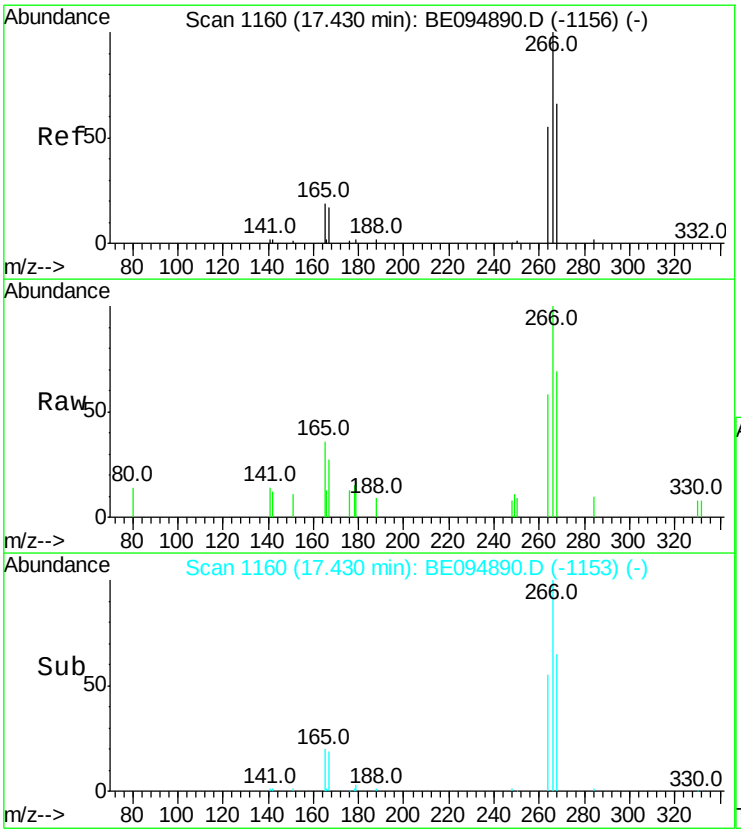
#21
Hexachlorobenzene
Concen: 0.462 ng
RT: 17.09 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5611

Ion	Ratio	Lower	Upper
284	100		
142	45.6	22.1	33.1#
249	36.4	34.8	52.2

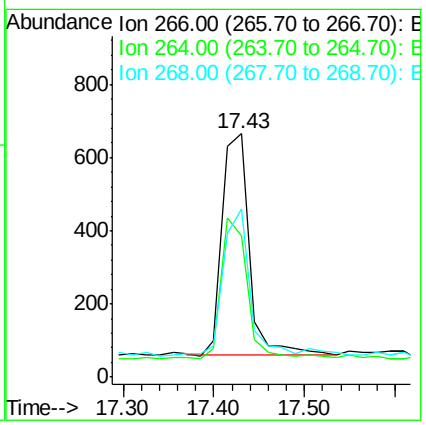


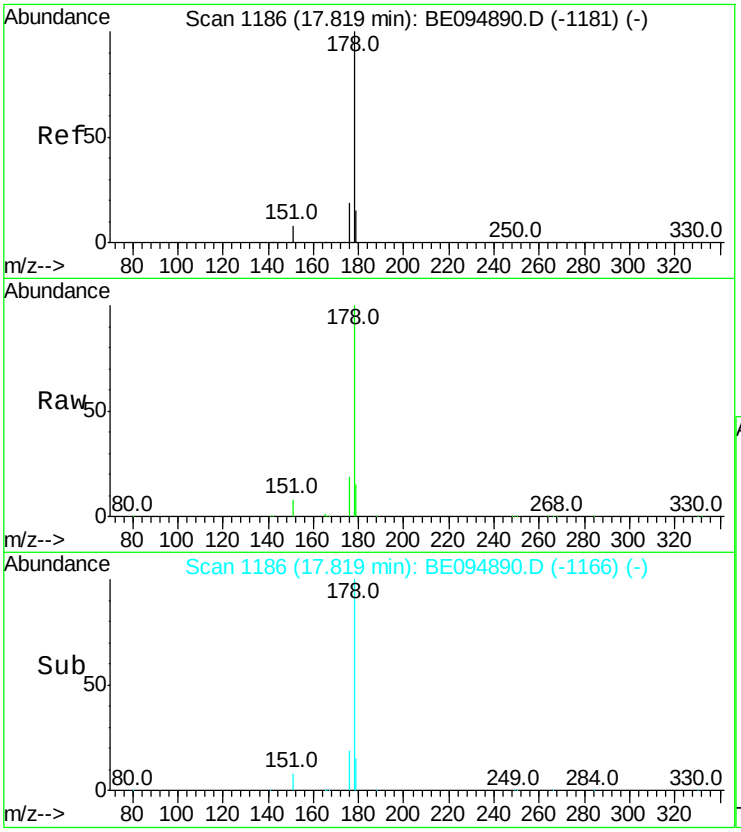


#22
Pentachlorophenol
Concen: 0.799 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:266 Resp: 1241

Ion	Ratio	Lower	Upper
266	100		
264	58.1	72.5	108.7#
268	69.2	73.8	110.6#



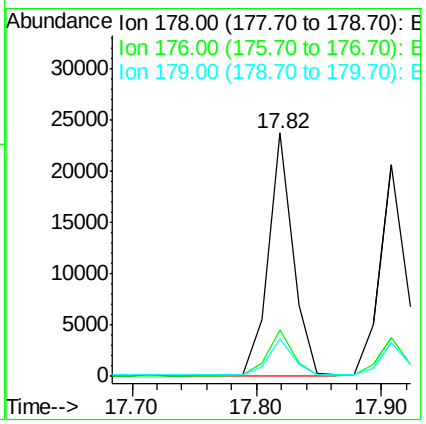


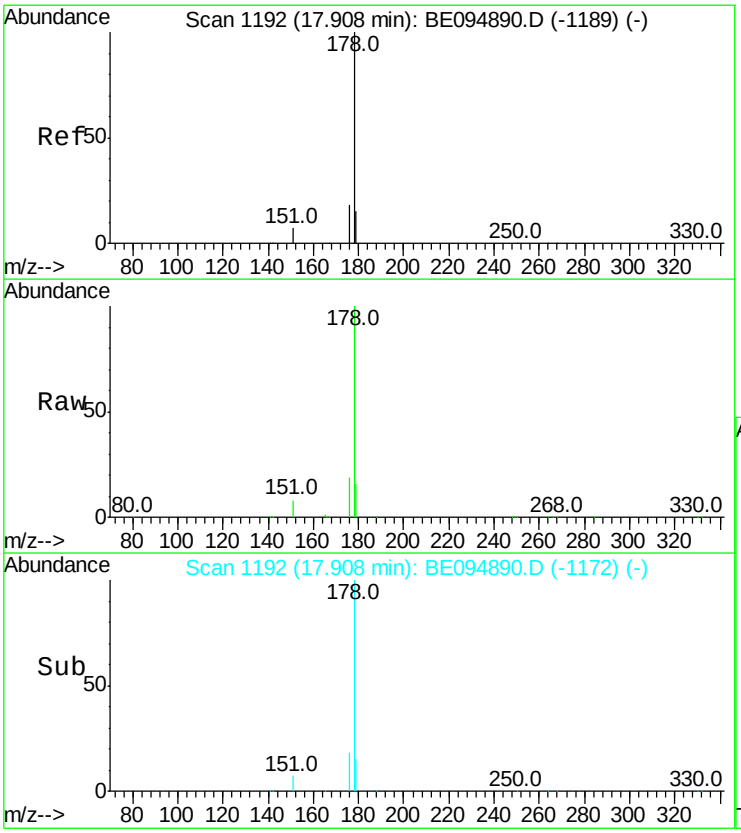
#23
Phenanthrene
Concen: 0.497 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 32685

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	11.8	17.6

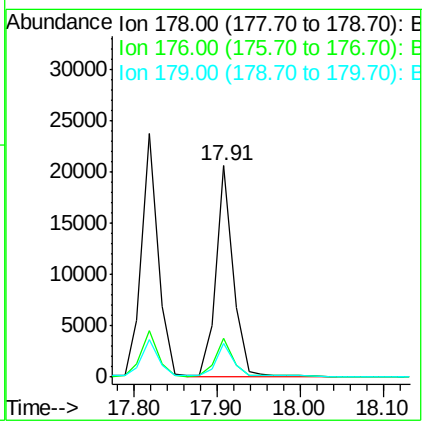


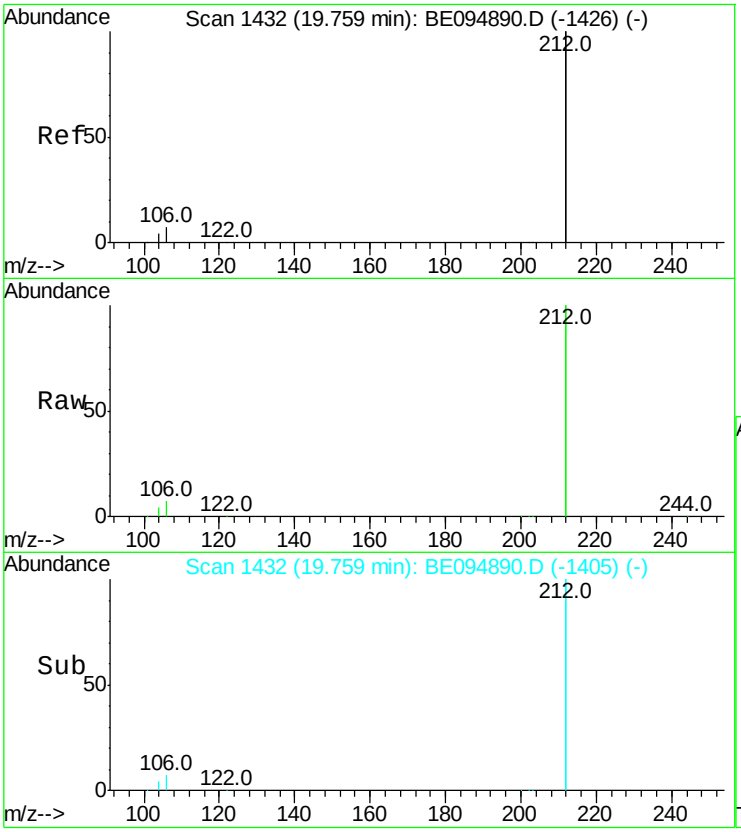


#24
Anthracene
Concen: 0.447 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:178 Resp: 33384

Ion	Ratio	Lower	Upper
178	100		
176	20.2	12.8	19.2#
179	18.0	13.0	19.6



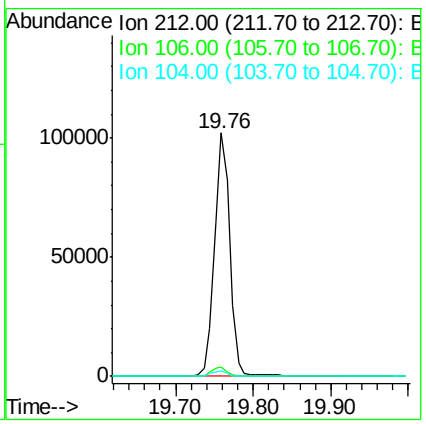


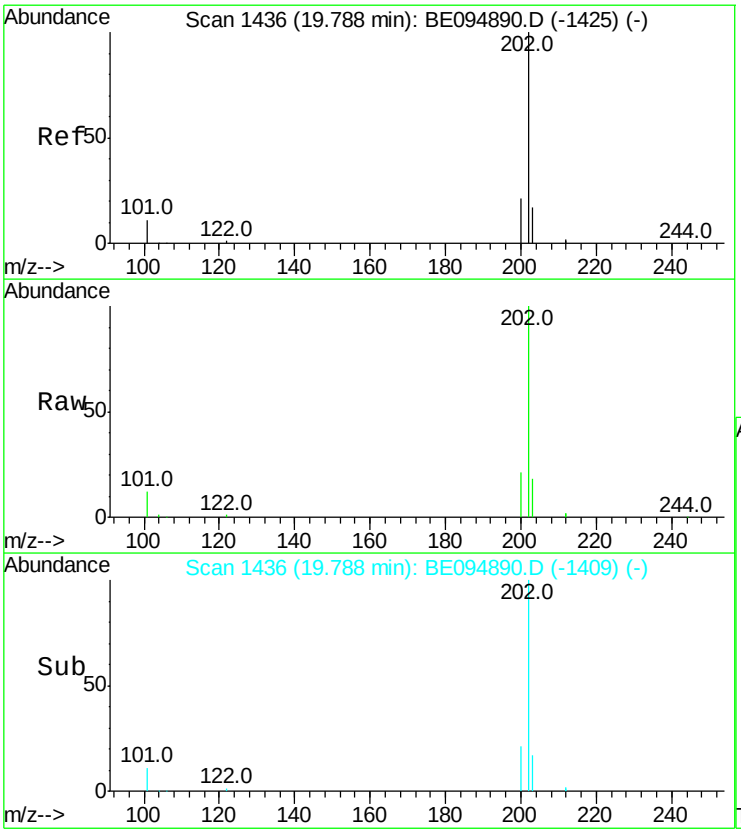
#25
Fluoranthene-d10
Concen: 0.450 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 137669

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4

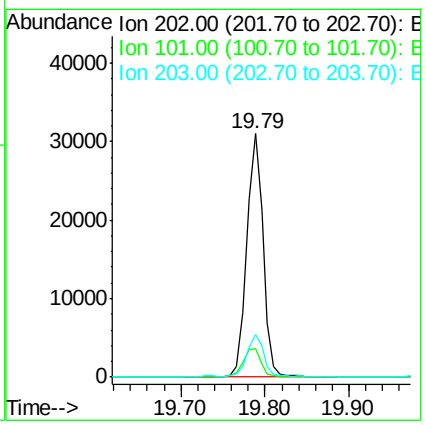


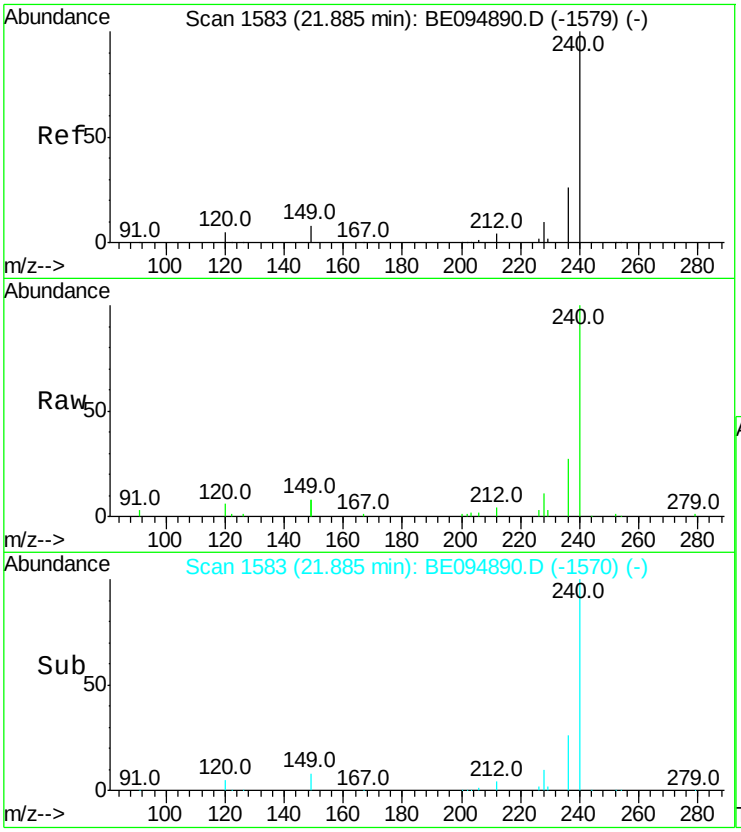


#26
Fluoranthene
Concen: 0.443 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:202 Resp: 41407

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.4	13.7	20.5



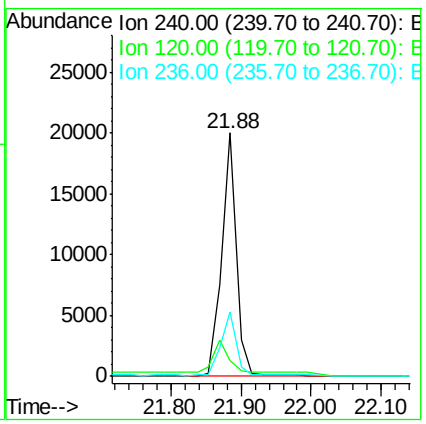


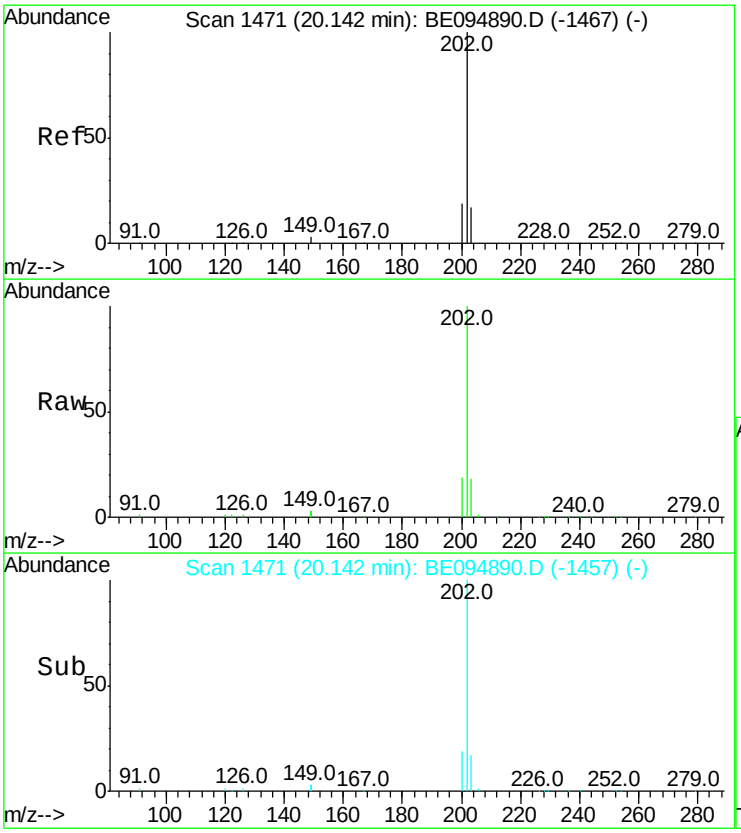
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.88 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 31091

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	26.6	20.7	31.1

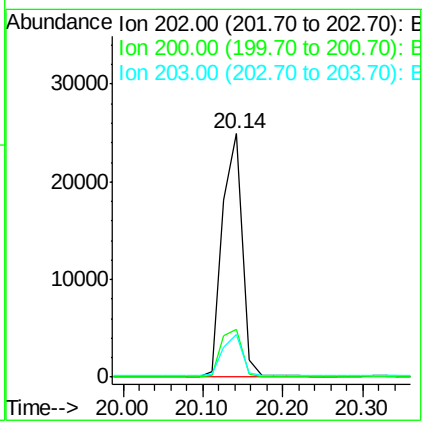


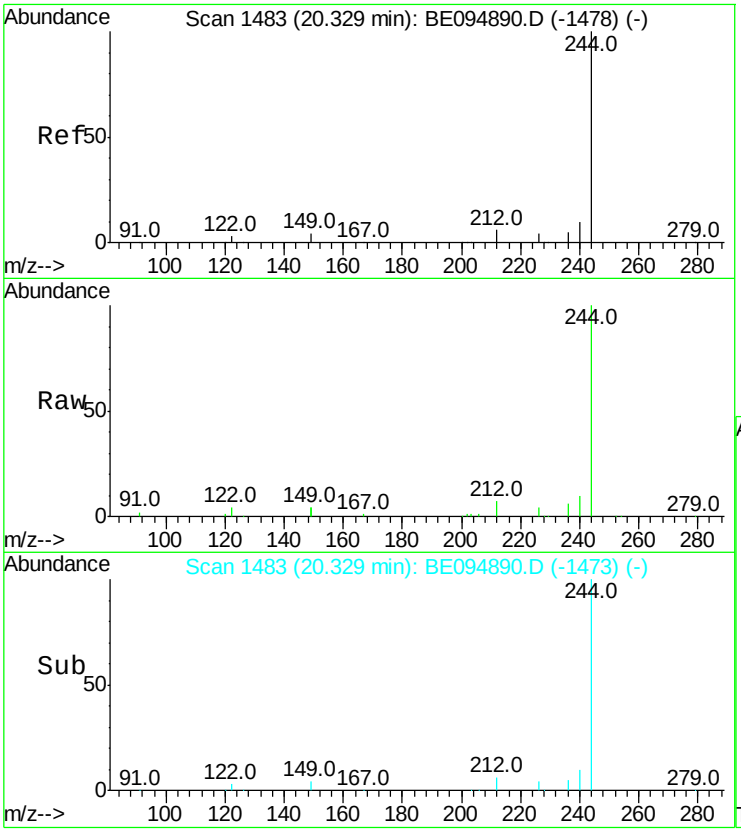


#28
Pyrene
Concen: 0.392 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:202 Resp: 42597

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	21.3	13.8	20.8#



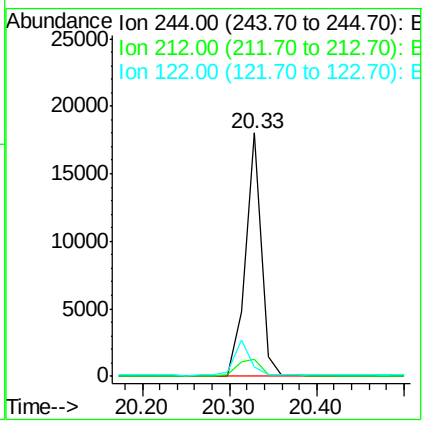


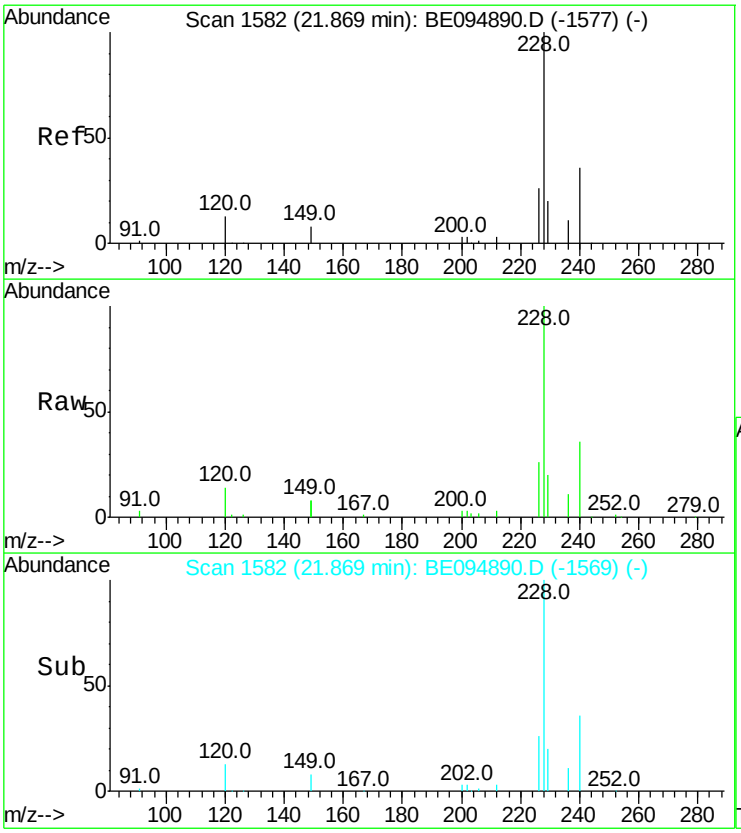
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 22698

Ion	Ratio	Lower	Upper
244	100		
212	6.9	25.4	38.0#
122	3.8	8.1	12.1#

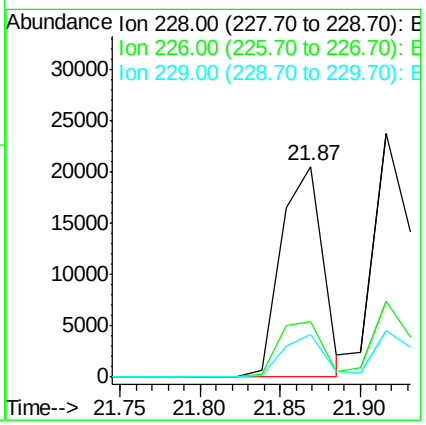


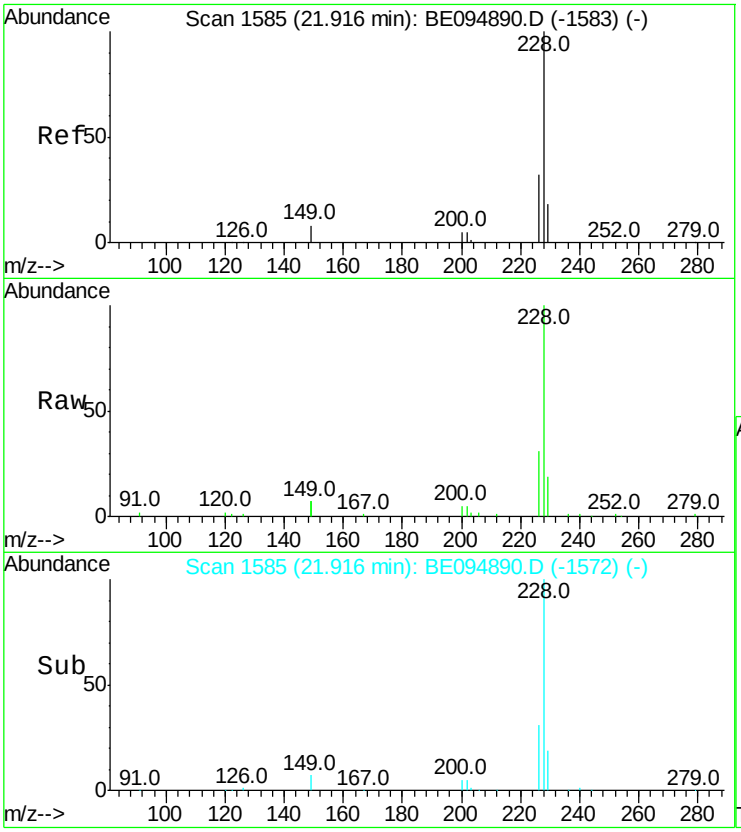


#30
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:228 Resp: 37132

Ion	Ratio	Lower	Upper
228	100		
226	26.1	40.0	60.0#
229	20.4	40.0	60.0#



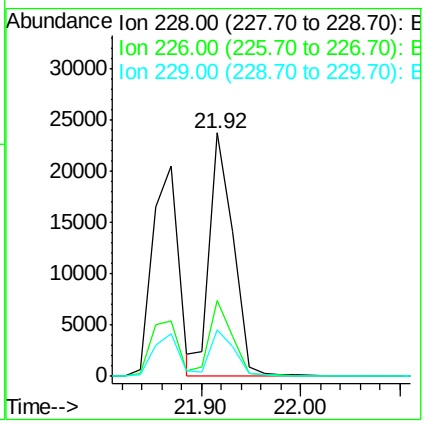


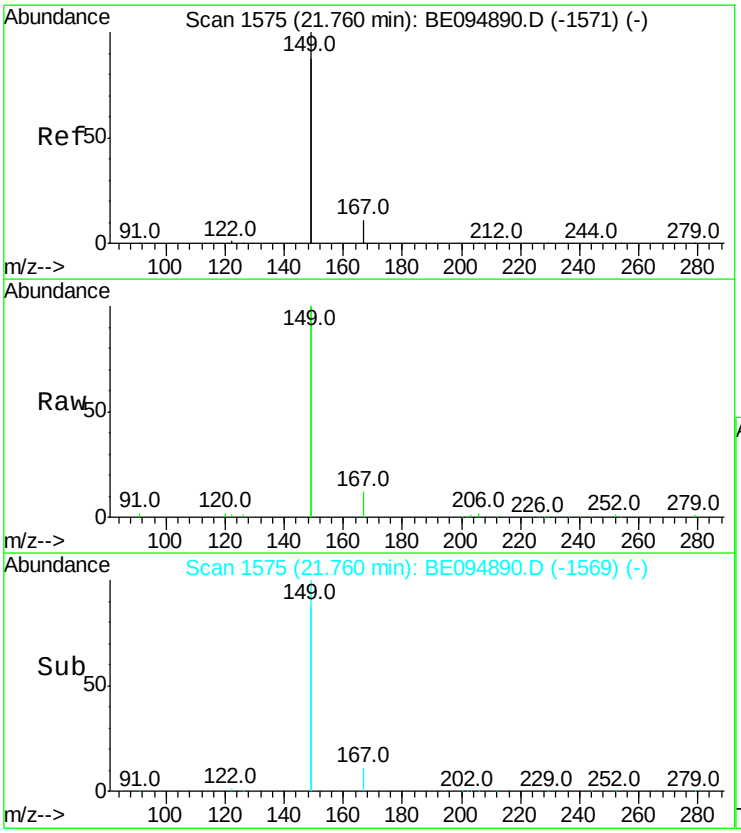
#31
Chrysene
Concen: 0.410 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 42079

Ion	Ratio	Lower	Upper
228	100		
226	31.3	40.0	60.0#
229	18.9	40.0	60.0#

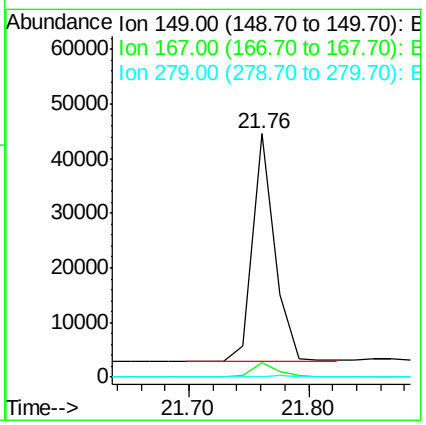


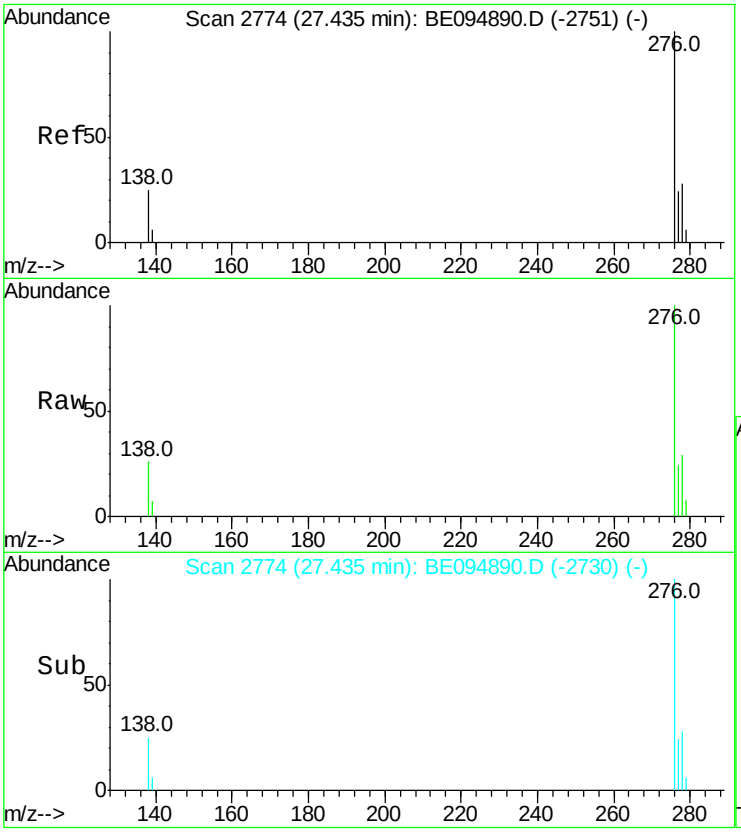


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:149 Resp: 54109

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



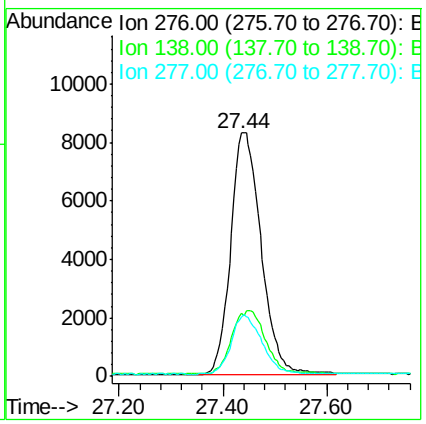


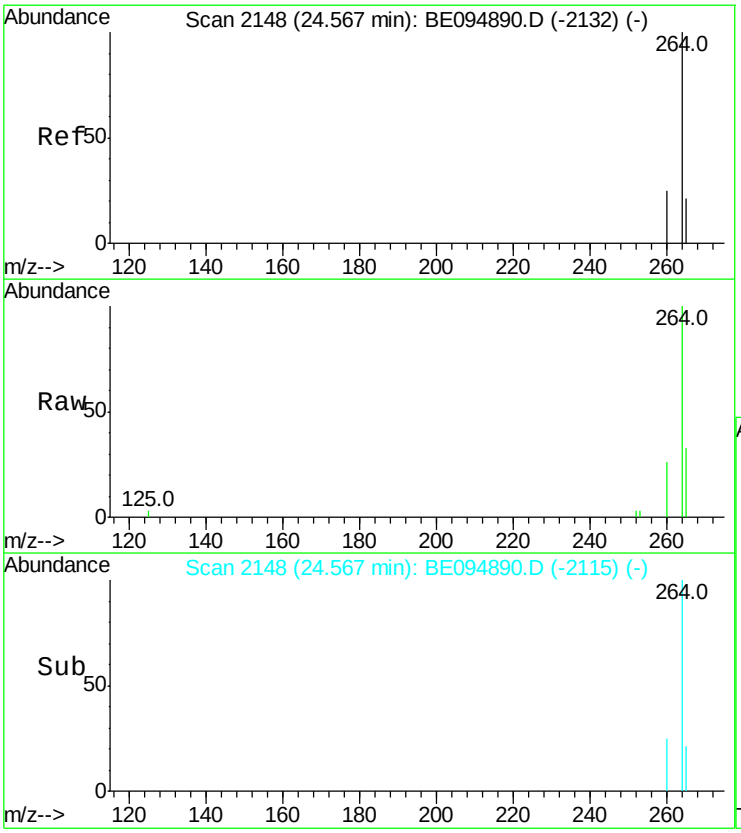
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 27.44 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 33881

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.5	33.7
277	24.6	19.9	29.9

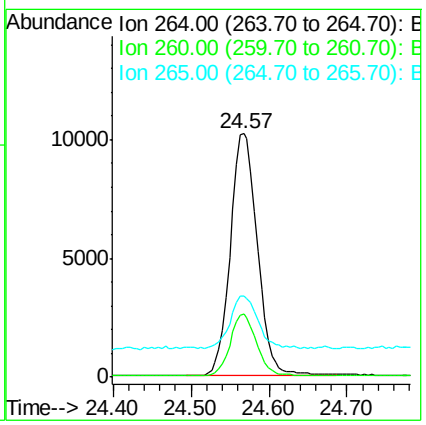


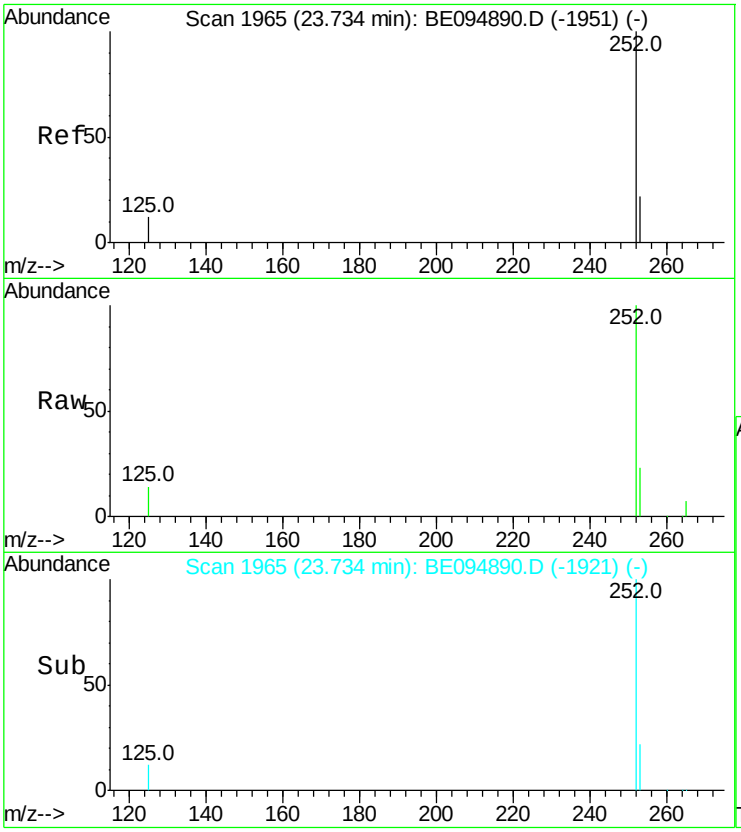


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:264 Resp: 24647

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	33.4	22.8	34.2



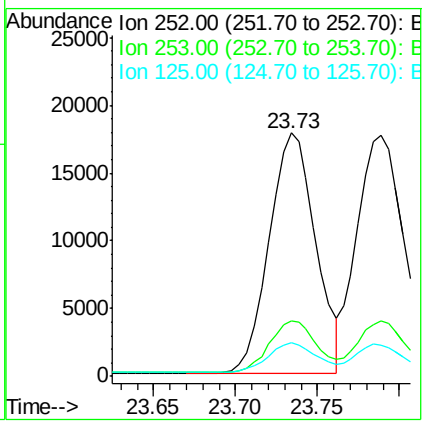


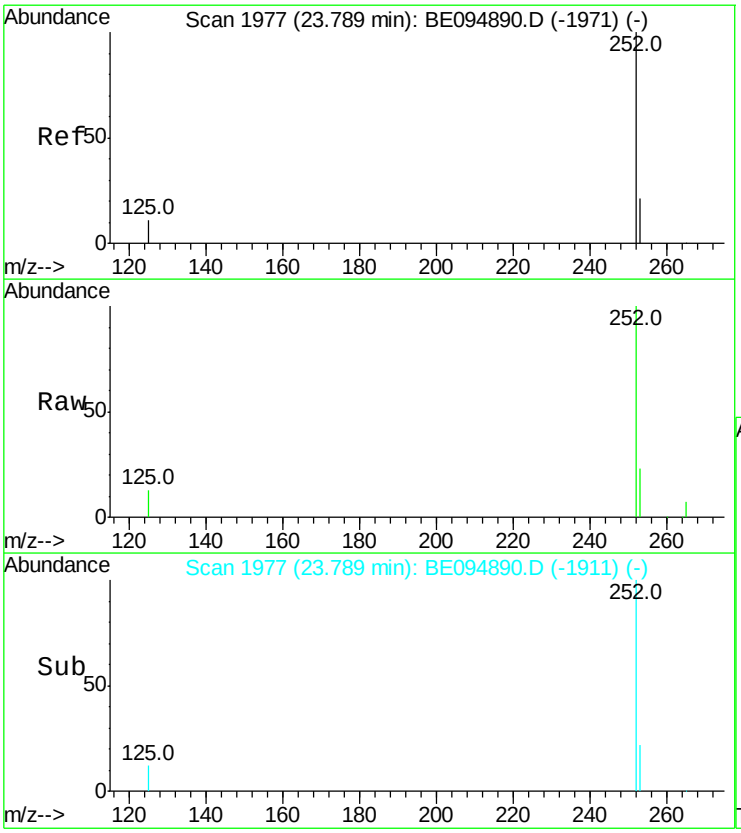
#35
Benzo(b)fluoranthene
Concen: 0.441 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 35124

Ion	Ratio	Lower	Upper
252	100		
253	22.9	48.0	72.0#
125	13.9	56.0	84.0#

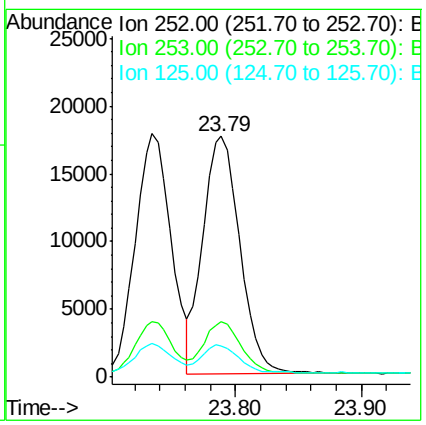


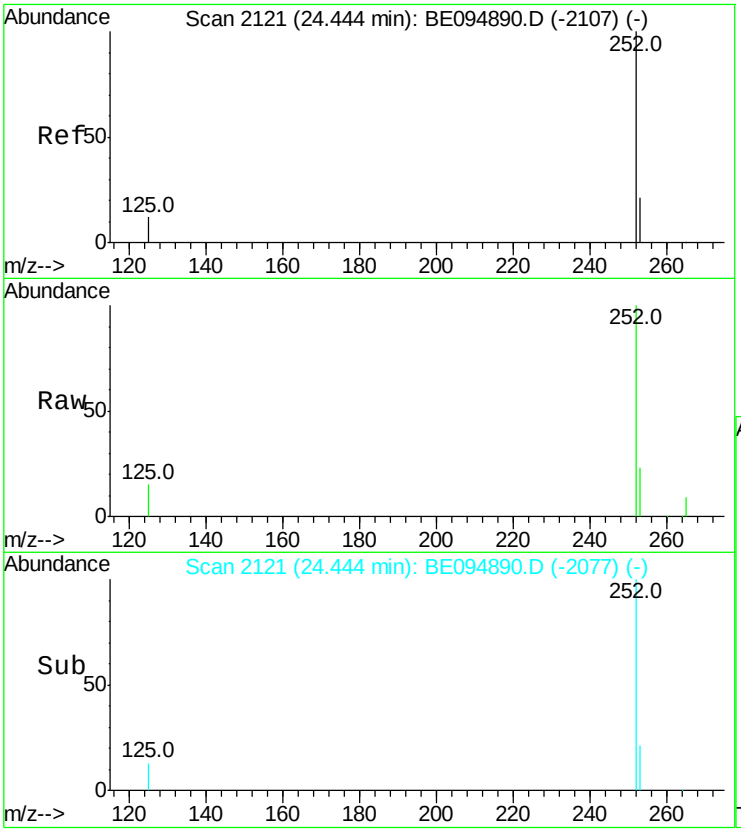


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:252 Resp: 35569

Ion	Ratio	Lower	Upper
252	100		
253	22.9	48.0	72.0#
125	13.2	56.0	84.0#



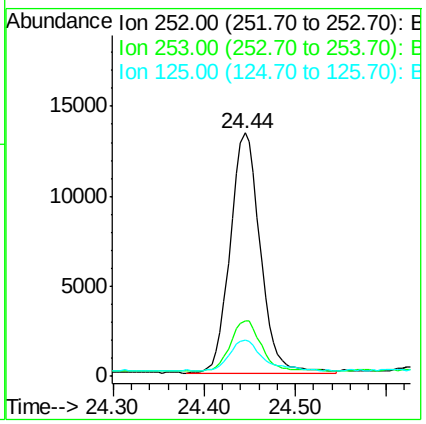


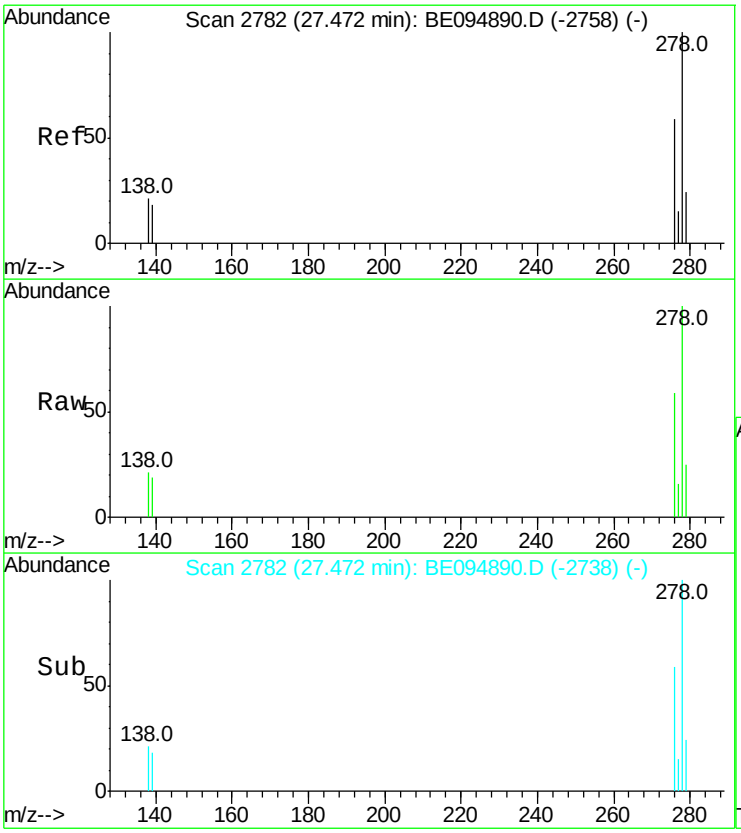
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 24.44 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 30594

Ion	Ratio	Lower	Upper
252	100		
253	22.7	52.0	78.0#
125	14.7	68.0	102.0#

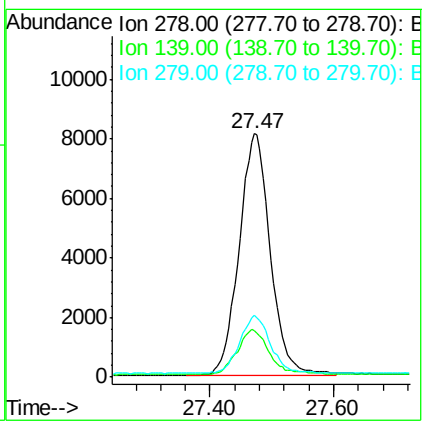


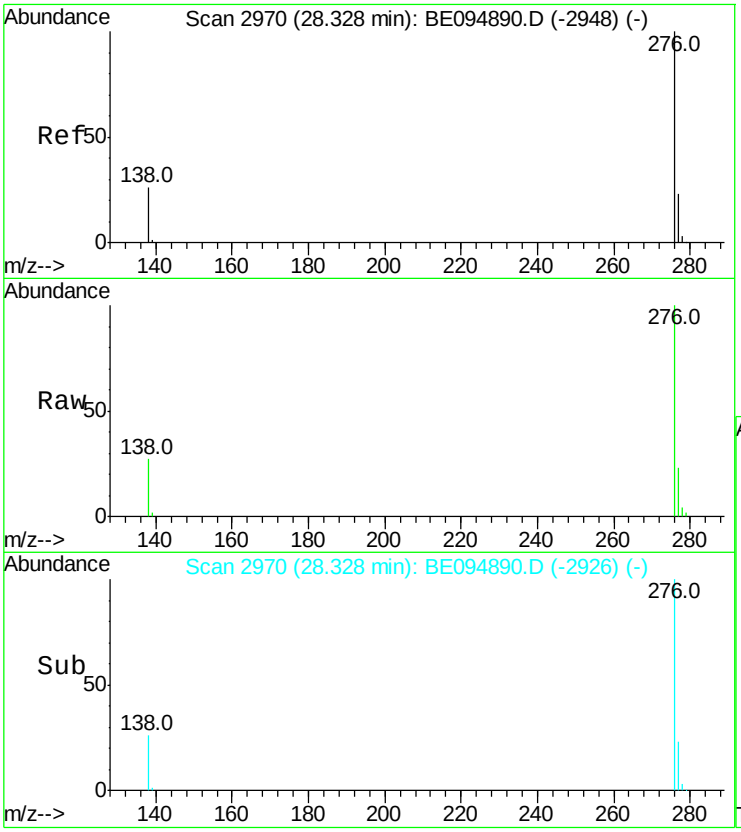


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 27.47 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Tgt Ion:278 Resp: 28371

Ion	Ratio	Lower	Upper
278	100		
139	19.2	56.0	84.0#
279	25.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.439 ng
RT: 28.33 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BE094890.D
Acq: 30 Nov 2017 13:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 28521

Ion	Ratio	Lower	Upper
276	100		
277	23.4	52.0	78.0#
138	26.5	44.0	66.0#