Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094915.D
Acq On : 5 Dec 2017 15:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 06 04:02:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	6959	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	15439	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	8489	0.40	ng		0.00
19) Phenanthrene-d10	17.79	188	21502	0.40	ng		0.02
27) Chrysene-d12	21.89	240	22840	0.40	ng		0.00
34) Perylene-d12	24.57	264	16100	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2417	0.22	ng		0.00
5) Phenol-d6	7.60	99	4472	0.27	ng		0.00
8) Nitrobenzene-d5	9.66	82	2101	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	9698	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	333	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14690	0.40	ng		0.00
25) Fluoranthene-d10	19.77	212	104968	0.36	ng		0.00
29) Terphenyl-d14	20.33	244	16960	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	2845	0.391	ng	#	89
3) n-Nitrosodimethylamine	4.03	42	3591	0.387	ng	#	74
6) bis(2-Chloroethyl)ether	7.88	93	6381	0.394	ng		99
9) Naphthalene	11.38	128	72990	0.403	ng		99
10) Hexachlorobutadiene	11.64	225	3130	0.410	ng		97
12) 2-Methylnaphthalene	12.94	142	17722	0.394	ng		98
16) Acenaphthylene	14.79	152	18030	0.376	ng		100
17) Acenaphthene	15.13	154	12038	0.388	ng		95
18) Fluorene	16.10	166	15166	0.384	ng	#	78
20) 4-Bromophenyl-phenylether	16.98	248	4571	0.381	ng	#	69
21) Hexachlorobenzene	17.10	284	4858	0.415	ng	#	80
22) Pentachlorophenol	17.43	266	579	0.283	ng	#	69
23) Phenanthrene	17.82	178	27177	0.397	ng		99
24) Anthracene	17.91	178	26615	0.366	ng	#	93
26) Fluoranthene	19.79	202	32494	0.369	ng		99
28) Pyrene	20.14	202	32379	0.411	ng		97
30) Benzo(a)anthracene	21.87	228	25914	0.370	ng	#	62
31) Chrysene	21.93	228	30002	0.388	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	13160	0.113	ng		100
33) Indeno(1,2,3-cd)pyrene	27.44	276	20533	0.324	ng		99
35) Benzo(b)fluoranthene	23.74	252	23210	0.395	ng	#	40
36) Benzo(k)fluoranthene	23.79	252	23348	0.390	ng	#	40
37) Benzo(a)pyrene	24.45	252	19538	0.379	ng	#	34
38) Dibenzo(a,h)anthracene	27.47	278	16908	0.355	ng	#	45
39) Benzo(g,h,i)perylene	28.33	276	18301	0.385	ng	#	55

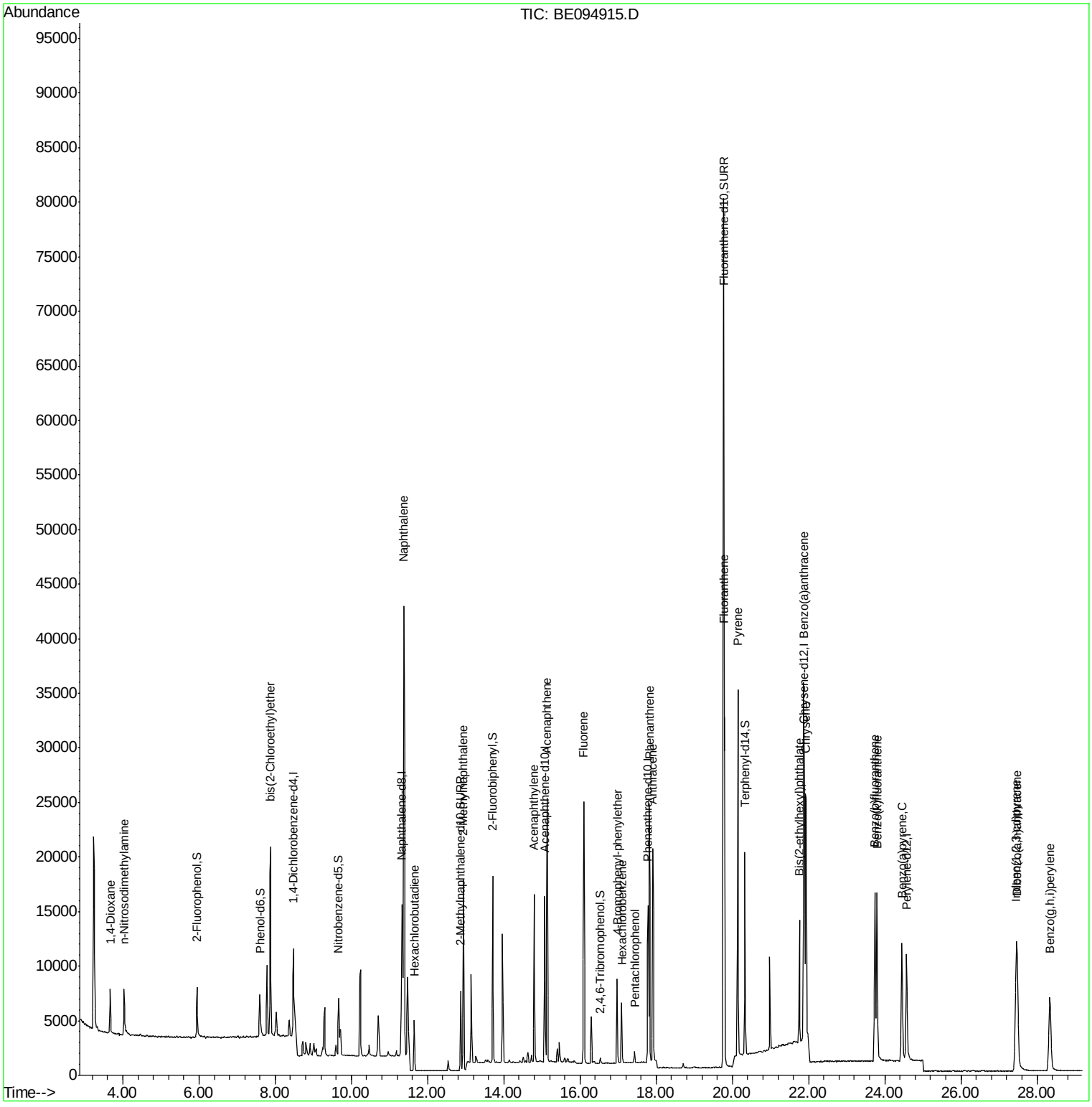
(#) = qualifier out of range (m) = manual integration (+) = signals summed

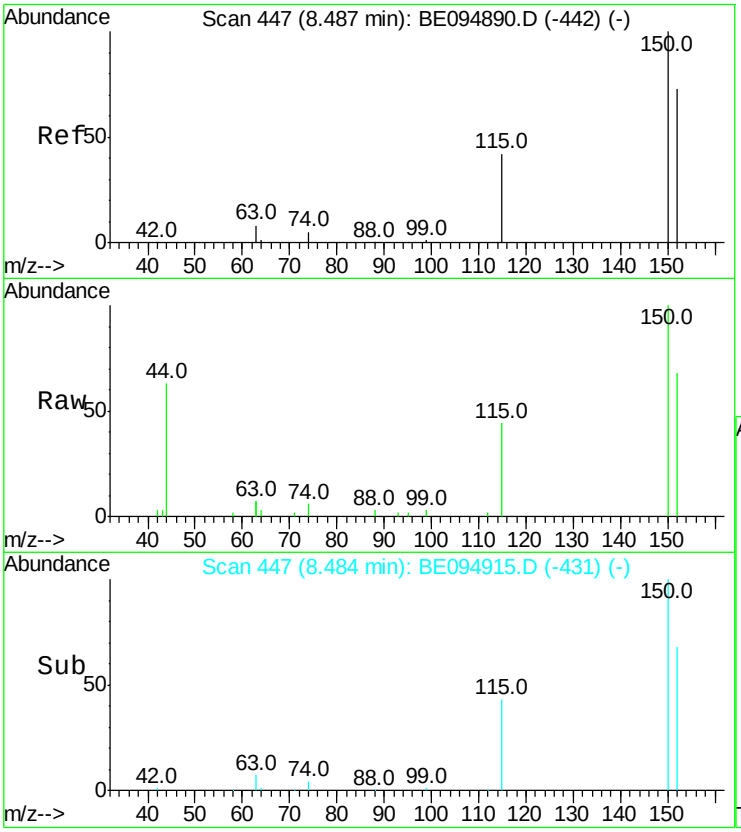
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094915.D
Acq On : 5 Dec 2017 15:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 06 04:02:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



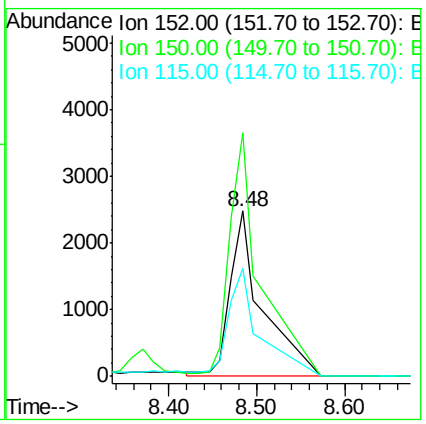


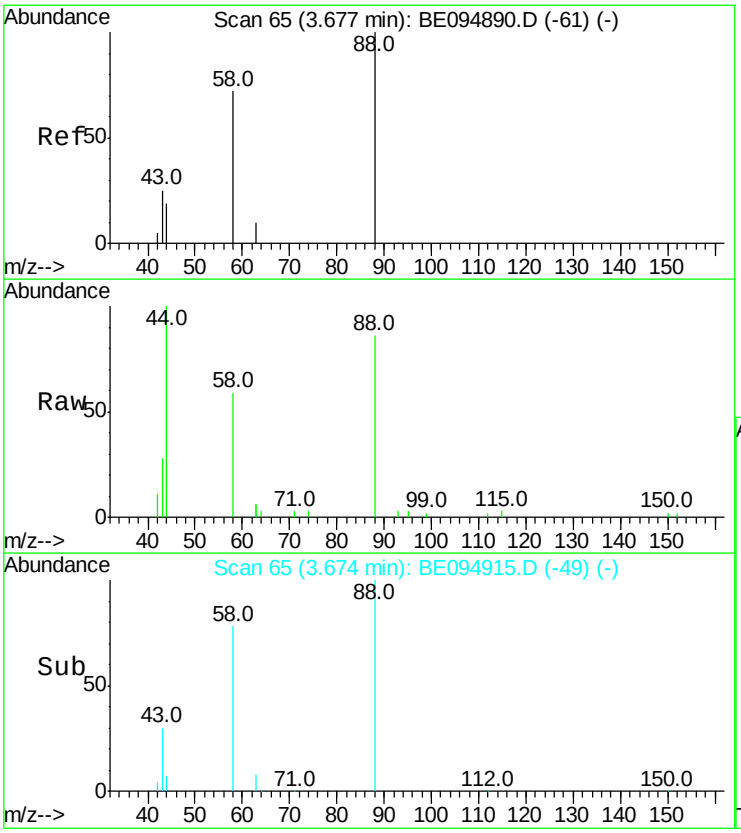
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6959

Ion	Ratio	Lower	Upper
152	100		
150	147.2	117.2	175.8
115	65.5	57.0	85.6

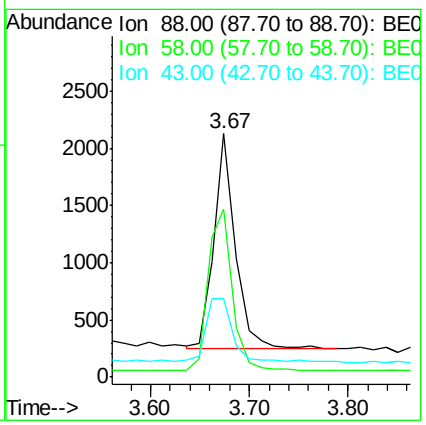


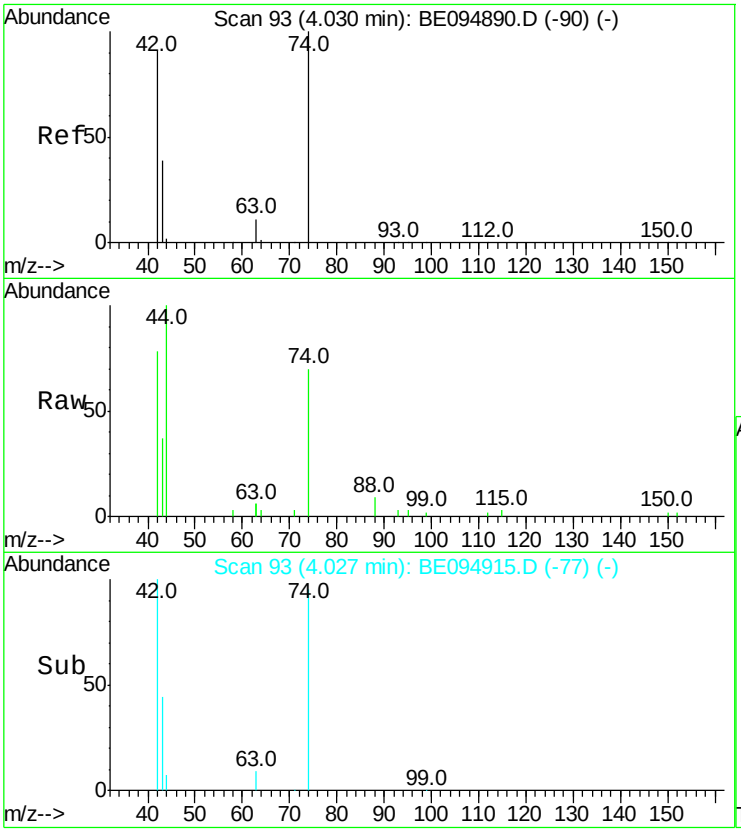


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion: 88 Resp: 2845

Ion	Ratio	Lower	Upper
88	100		
58	85.7	63.2	94.8
43	41.0	41.2	61.8#



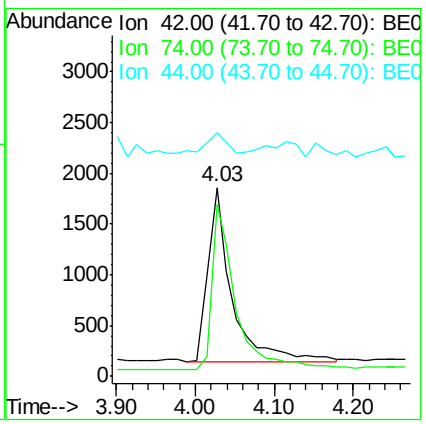


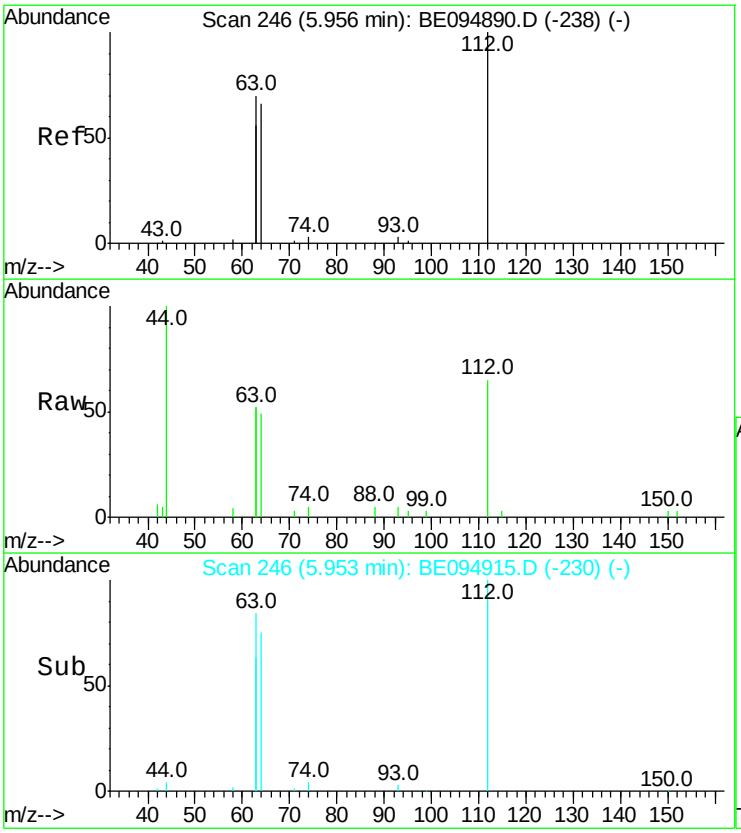
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 4.03 min Scan# 93
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3591

Ion	Ratio	Lower	Upper
42	100		
74	95.3	100.3	150.5#
44	10.9	17.0	25.4#

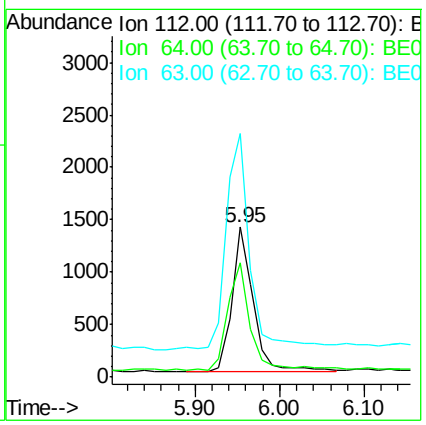


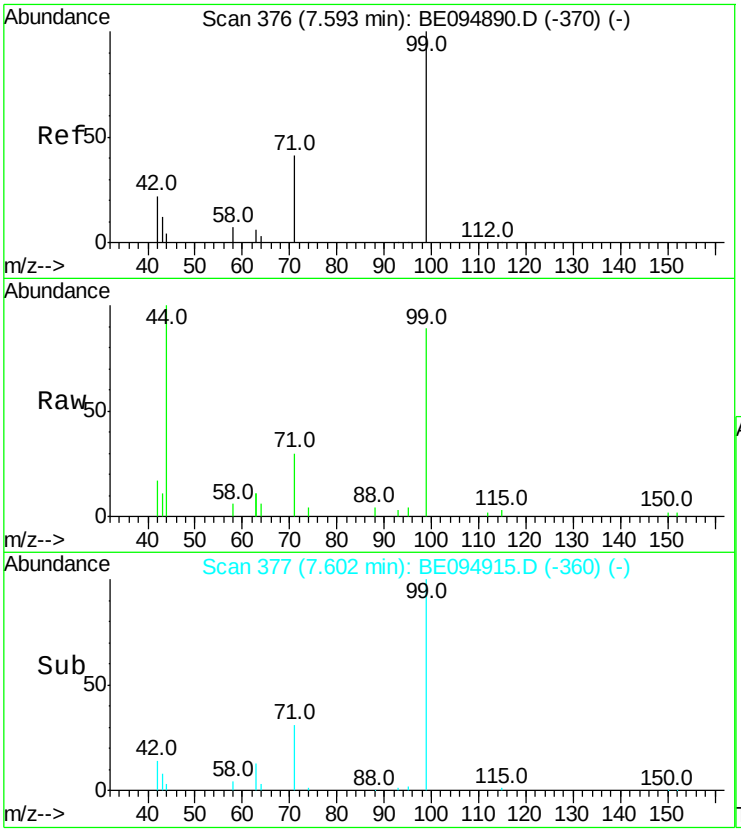


#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:112 Resp: 2417

Ion	Ratio	Lower	Upper
112	100		
64	79.8	60.1	90.1
63	165.9	116.8	175.2



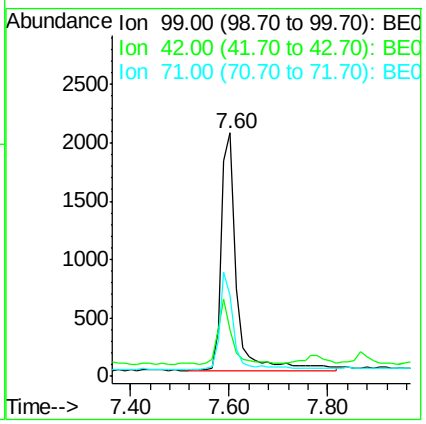


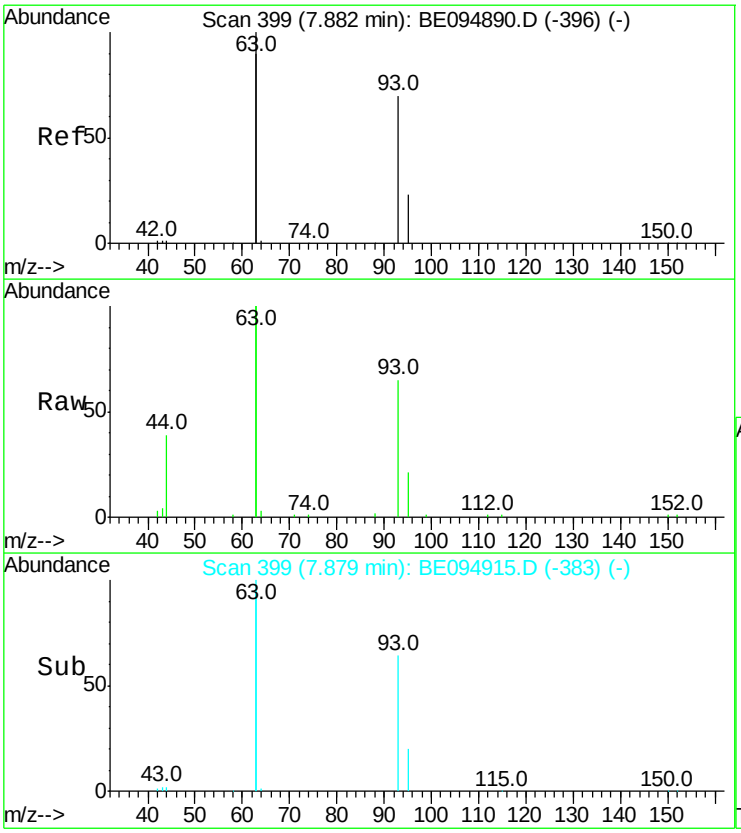
#5
Phenol-d6
Concen: 0.274 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4472

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.2	30.2
71	37.7	28.4	42.6

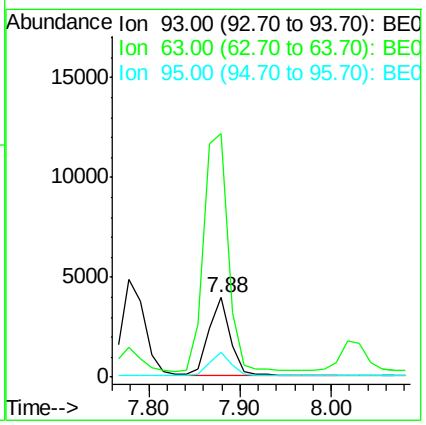


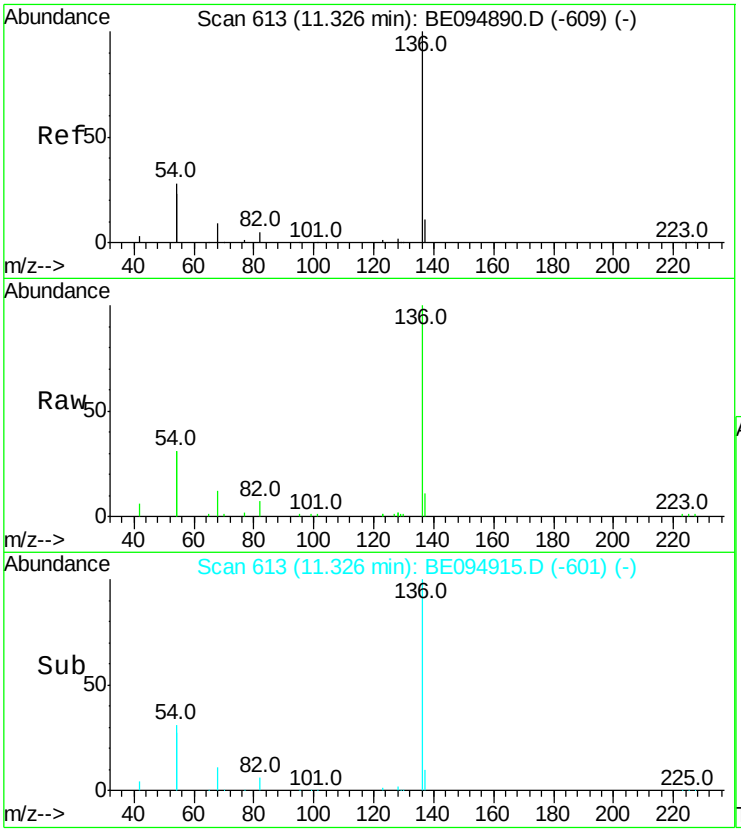


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion: 93 Resp: 6381

Ion	Ratio	Lower	Upper
93	100		
63	345.3	275.3	412.9
95	31.0	25.2	37.8



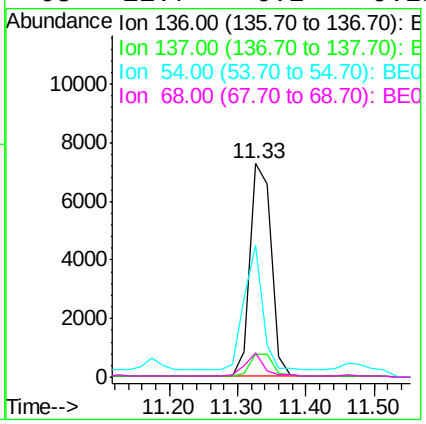


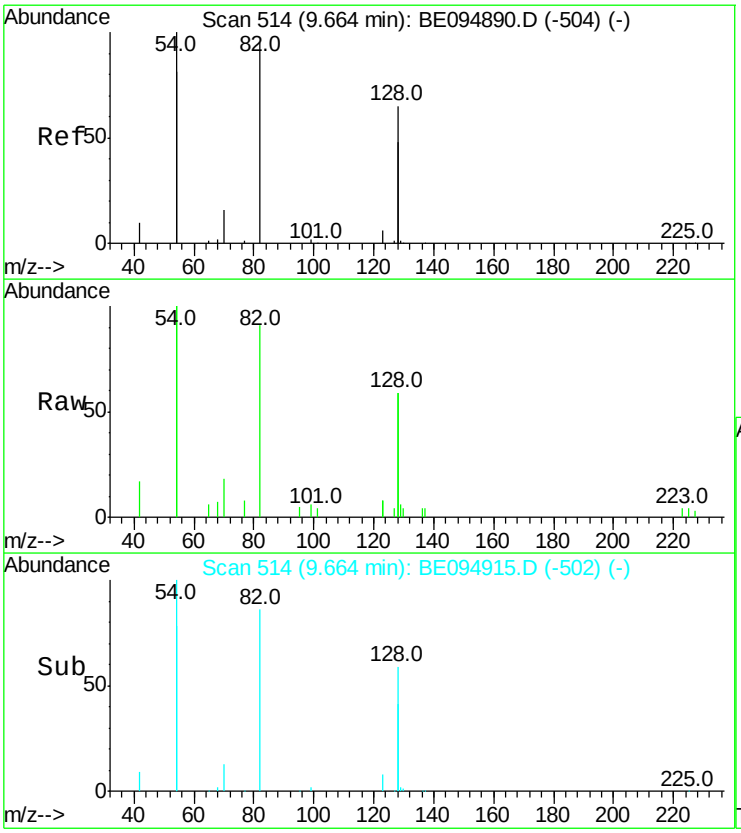
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15439

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	61.7	29.1	43.7#
68	11.7	6.2	9.2#

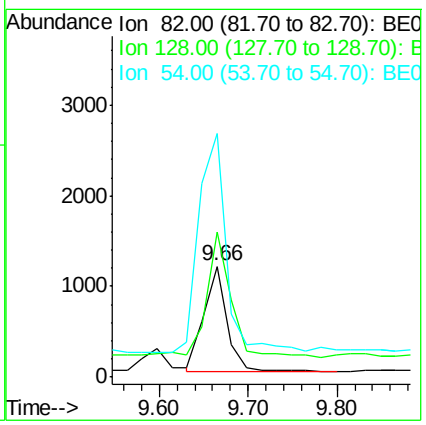


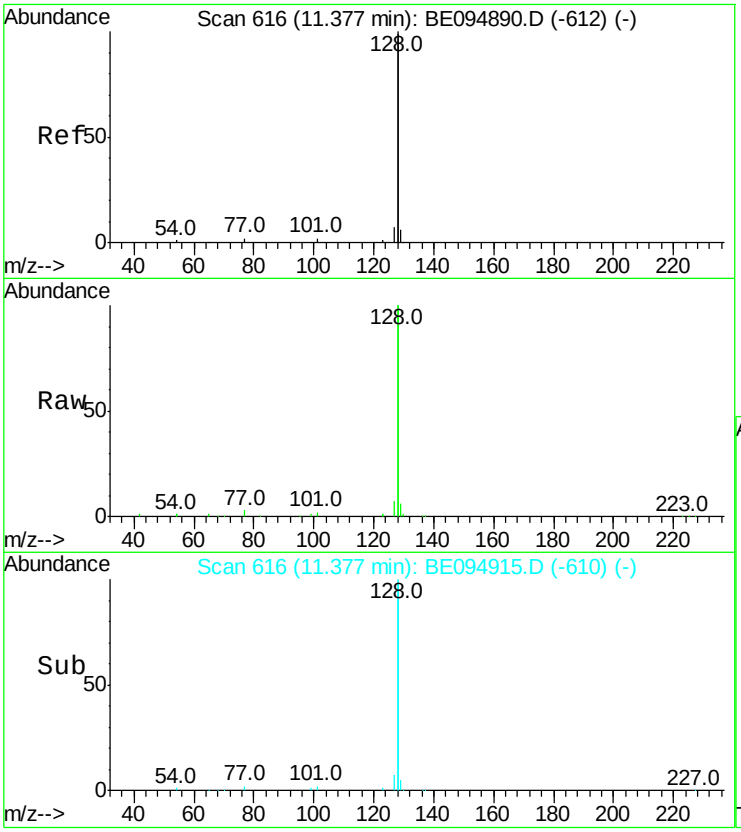


#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion: 82 Resp: 2101

Ion	Ratio	Lower	Upper
82	100		
128	130.6	150.0	225.0#
54	219.4	154.2	231.4



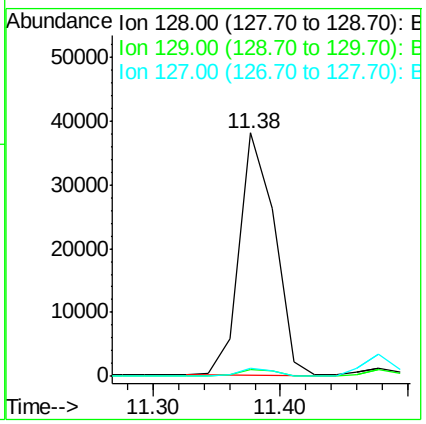


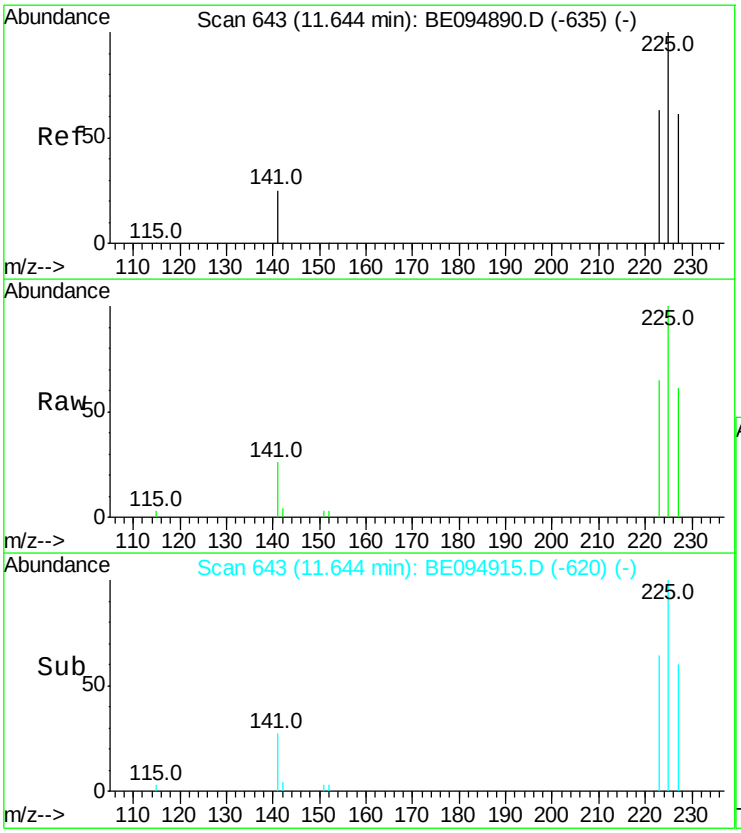
#9
Naphthalene
Concen: 0.403 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 72990

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.6	2.8	4.2

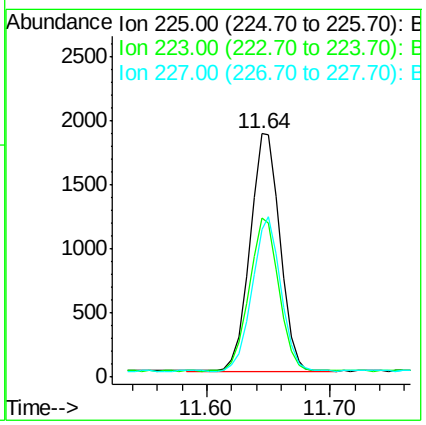


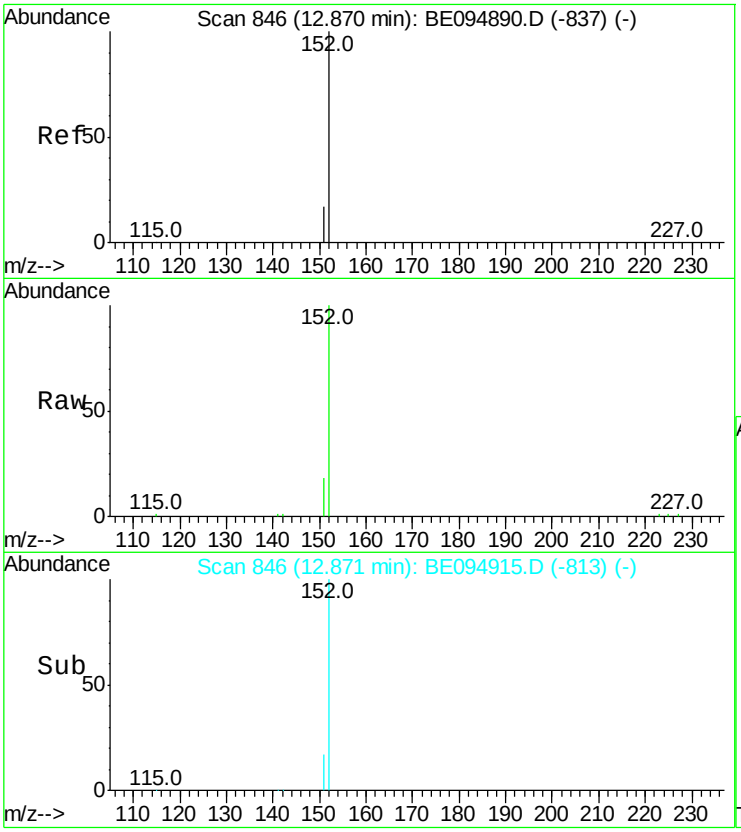


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:225 Resp: 3130

Ion	Ratio	Lower	Upper
225	100		
223	63.5	53.0	79.6
227	62.1	51.4	77.2



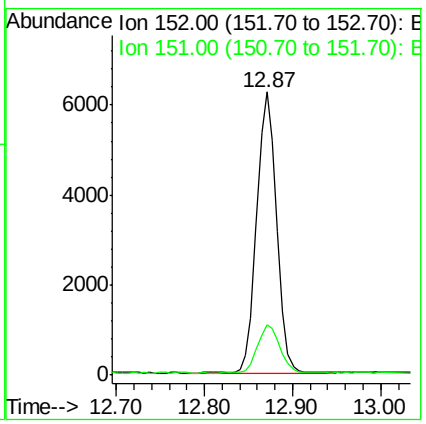


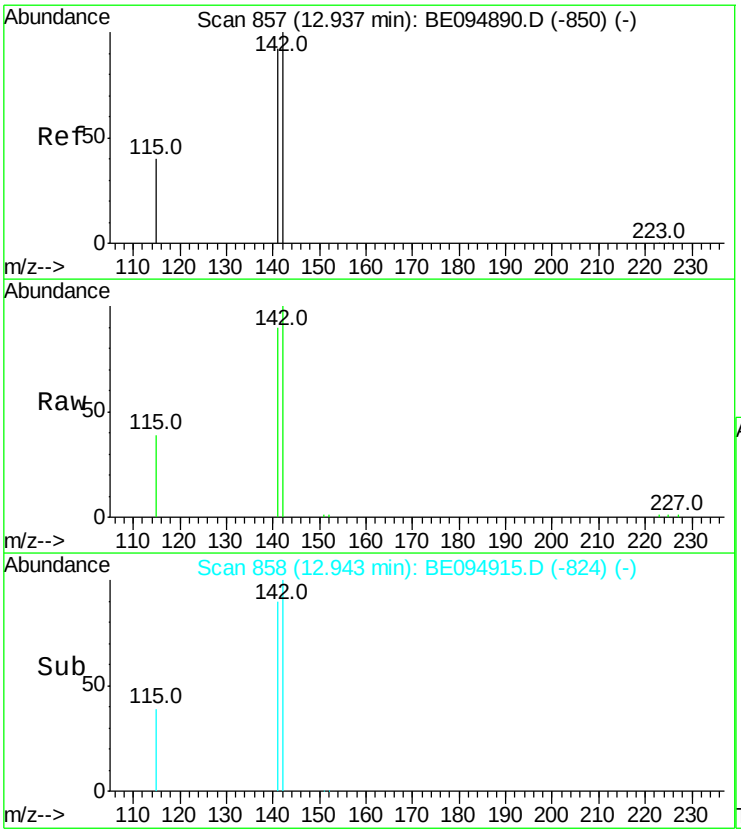
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9698

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

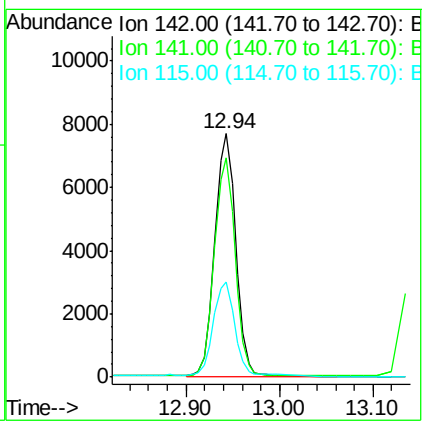


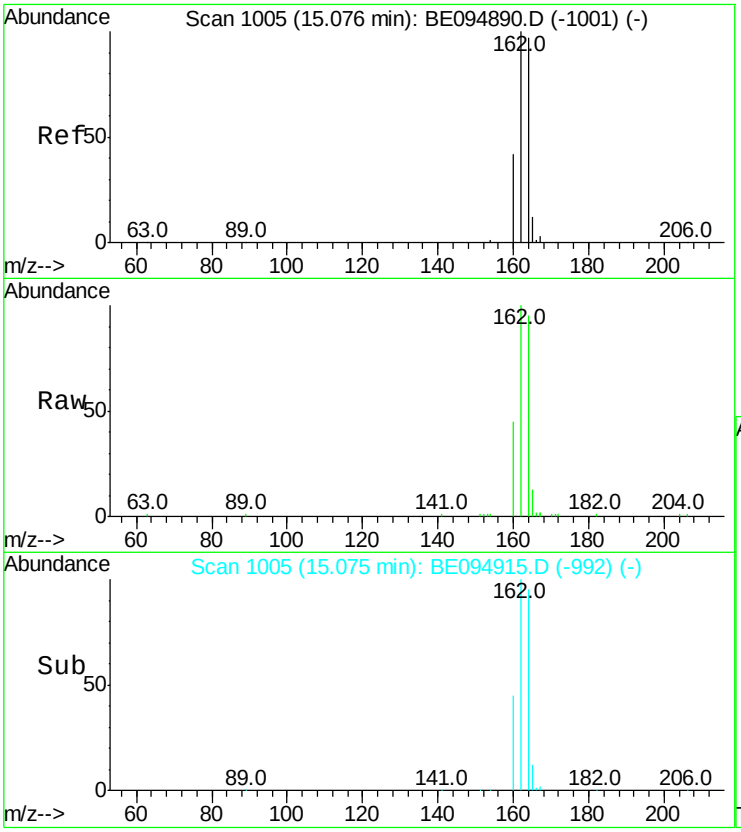


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.94 min Scan# 858
Delta R.T. 0.01 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:142 Resp: 17722

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	39.2	31.7	47.5



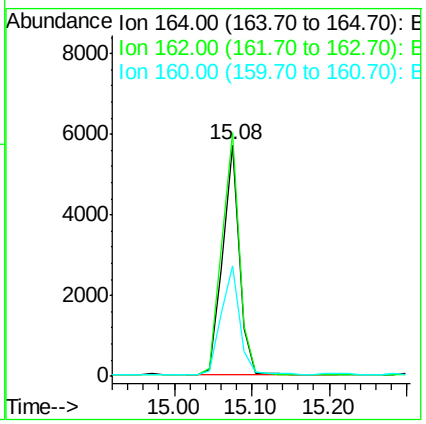


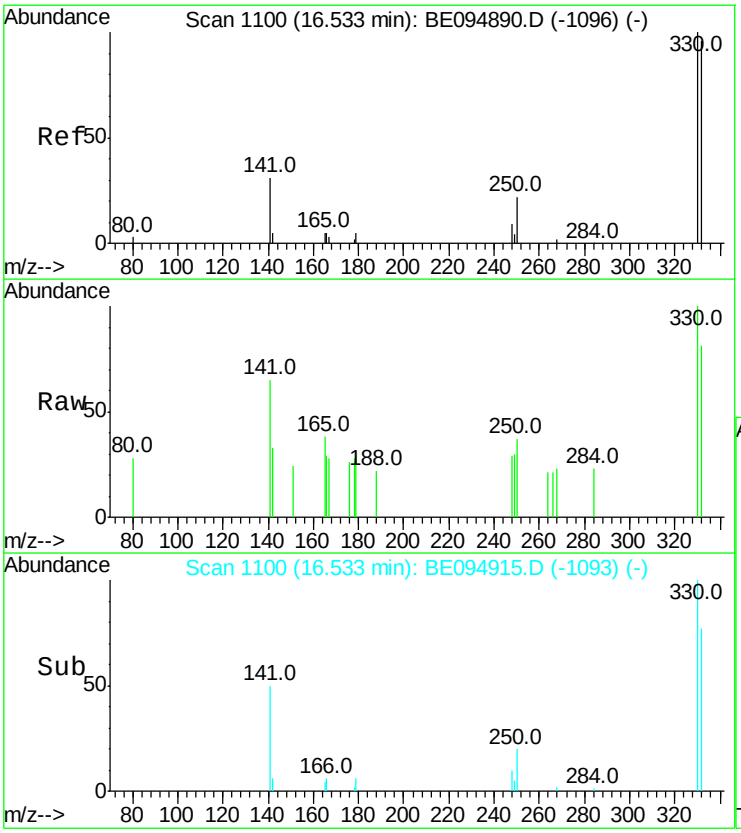
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8489

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.1	124.7
160	47.7	37.1	55.7

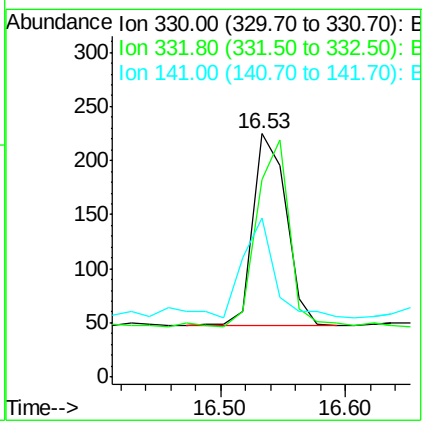


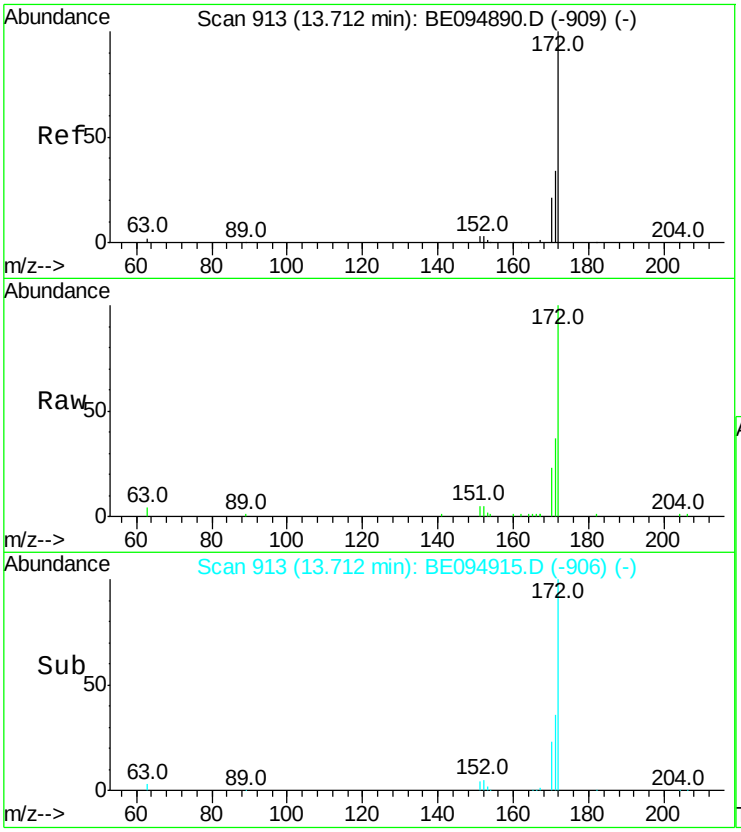


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:330 Resp: 333

Ion	Ratio	Lower	Upper
330	100		
332	97.3	152.7	229.1#
141	48.0	33.7	50.5



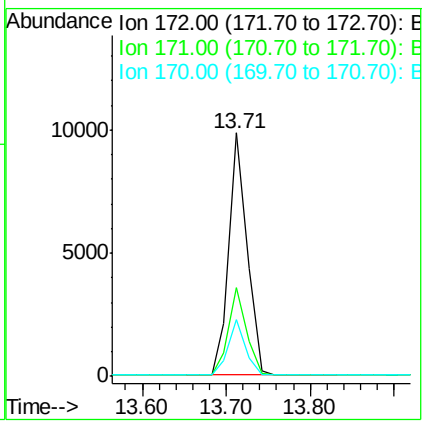


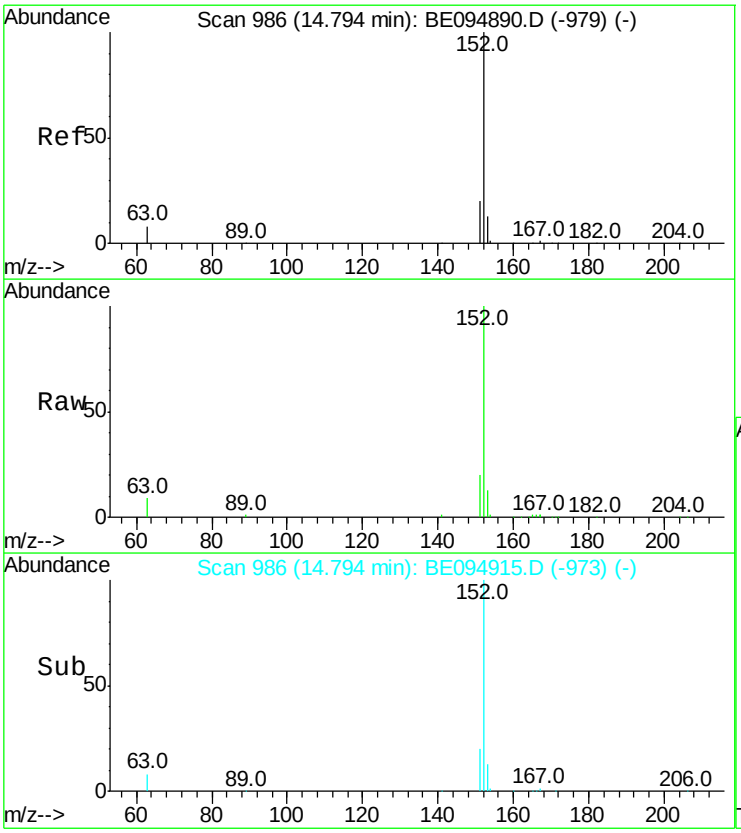
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14690

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	23.3	21.8	32.8

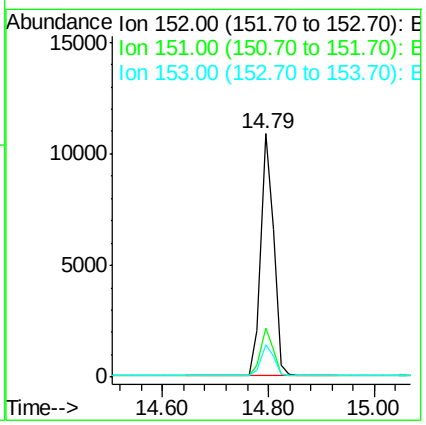


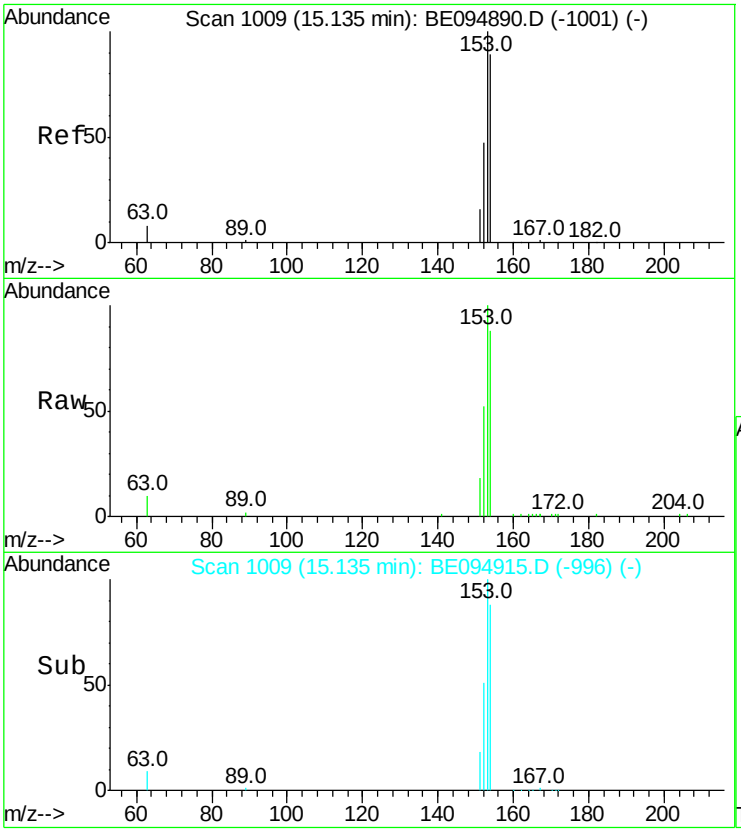


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:152 Resp: 18030

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7



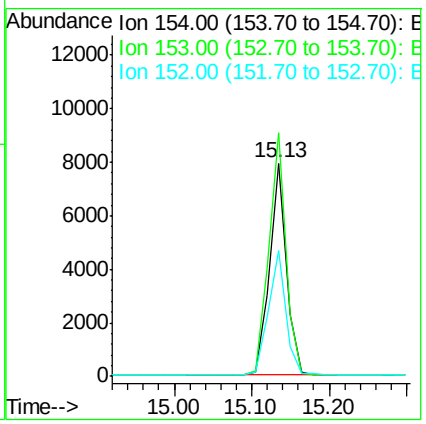


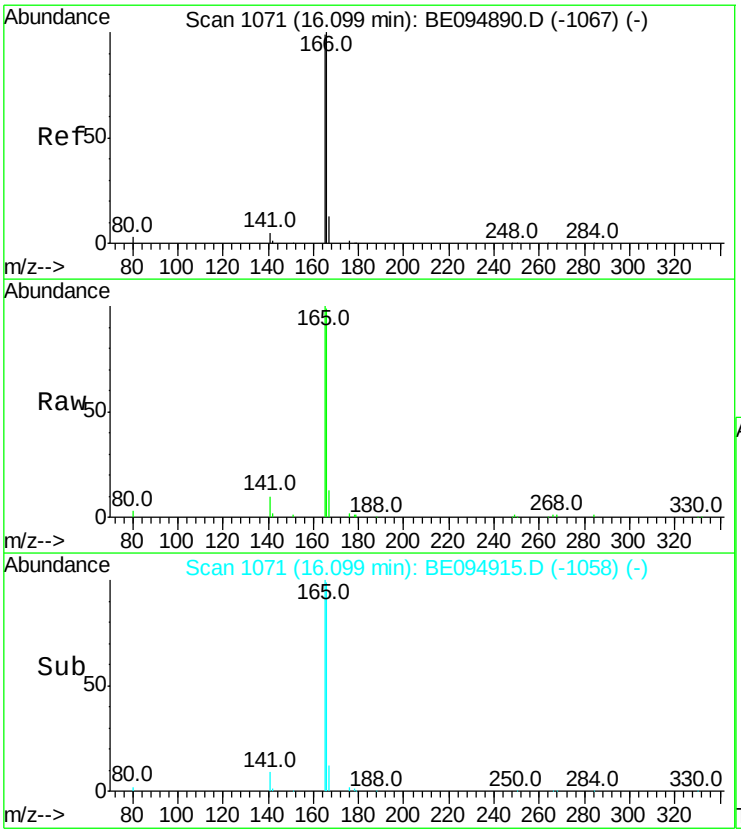
#17
Acenaphthene
Concen: 0.388 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12038

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.2	133.8
152	59.8	42.0	63.0

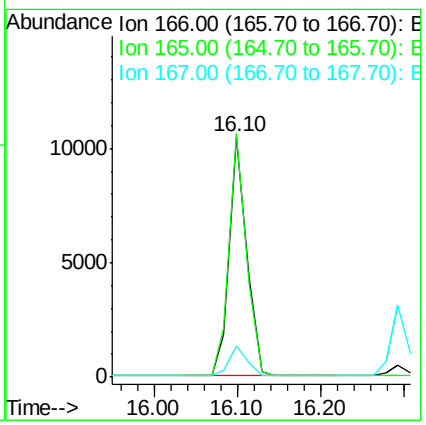


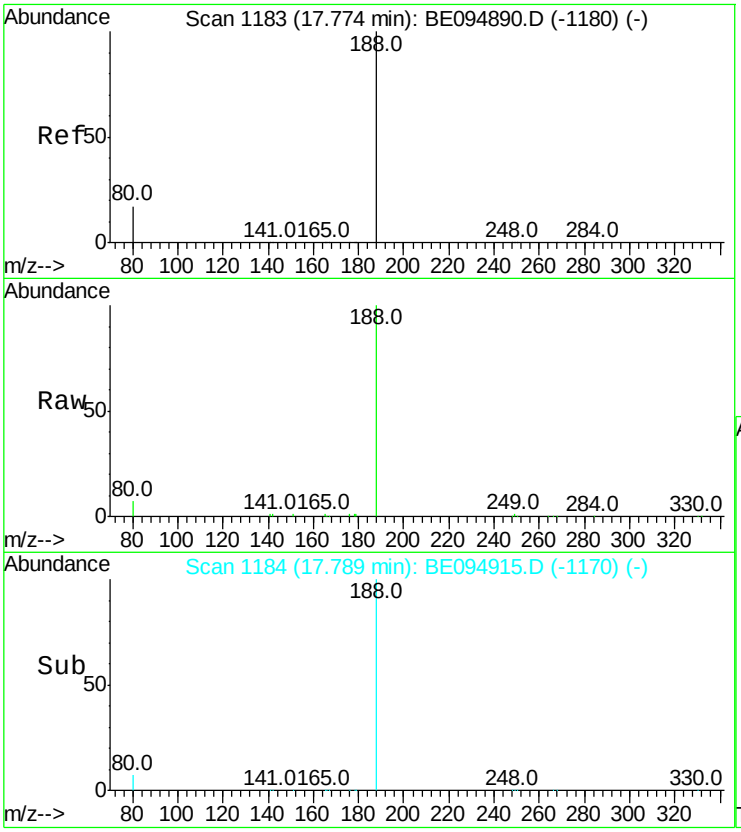


#18
Fluorene
Concen: 0.384 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:166 Resp: 15166

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.6
167	13.2	42.4	63.6#



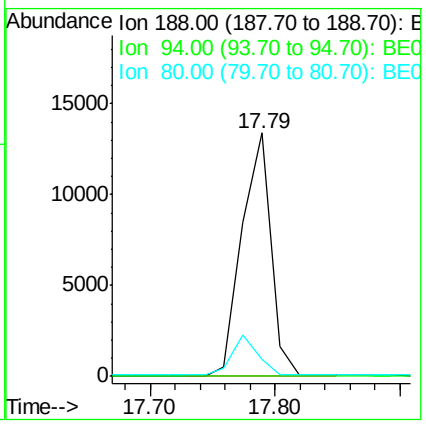


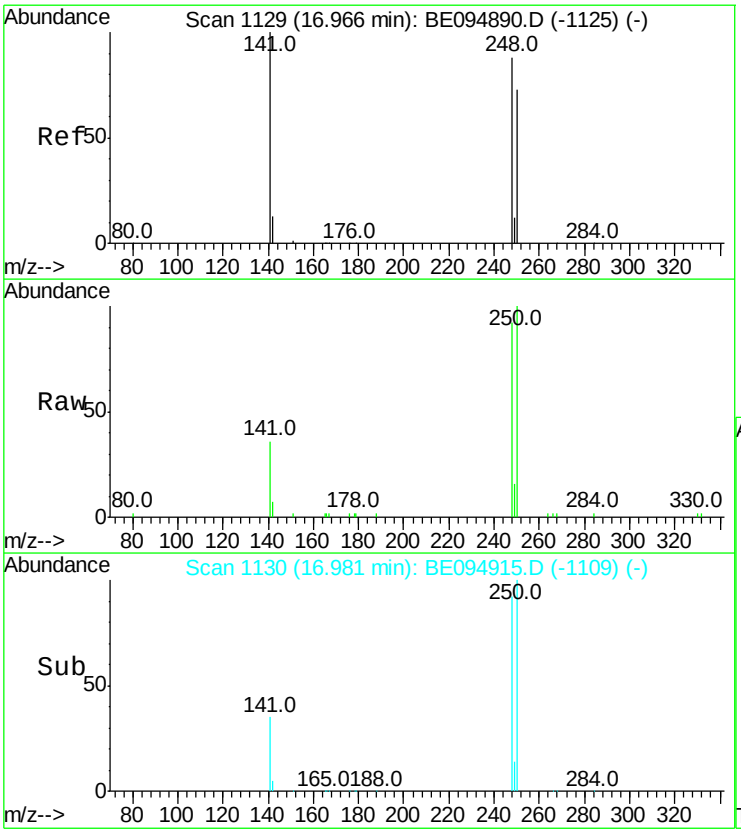
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 21502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.2	3.6	5.4#

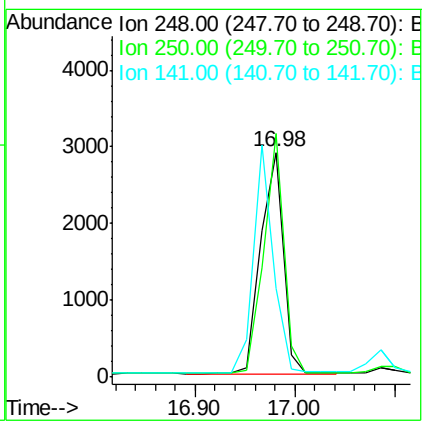


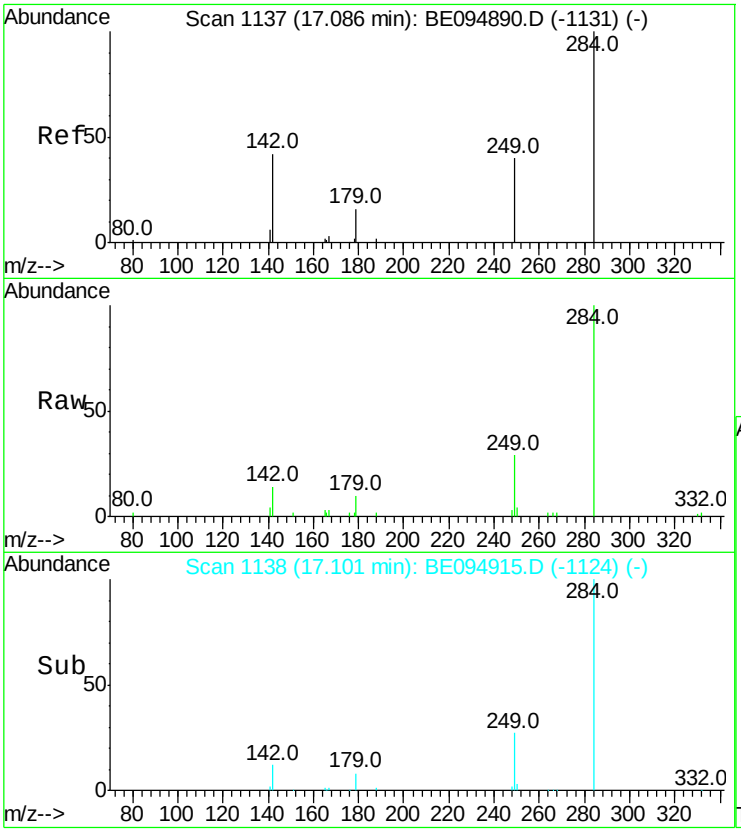


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.98 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:248 Resp: 4571

Ion	Ratio	Lower	Upper
248	100		
250	108.5	62.7	94.1#
141	39.4	48.2	72.2#



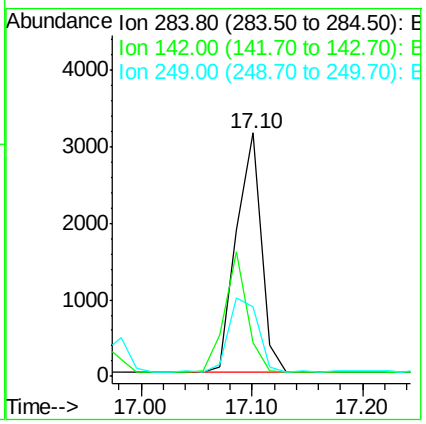


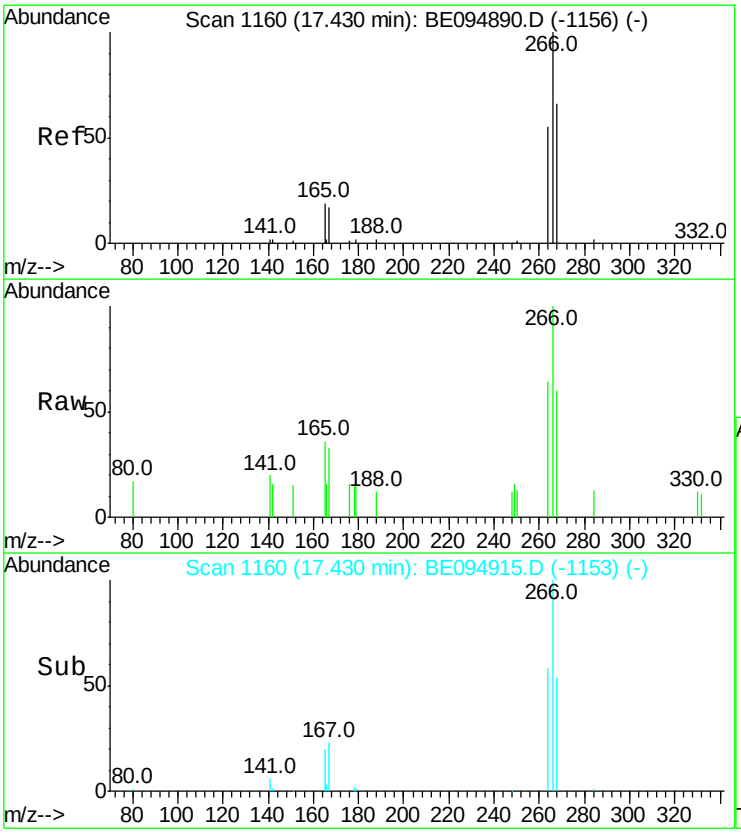
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.02 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4858

Ion	Ratio	Lower	Upper
284	100		
142	46.1	22.1	33.1#
249	36.9	34.8	52.2

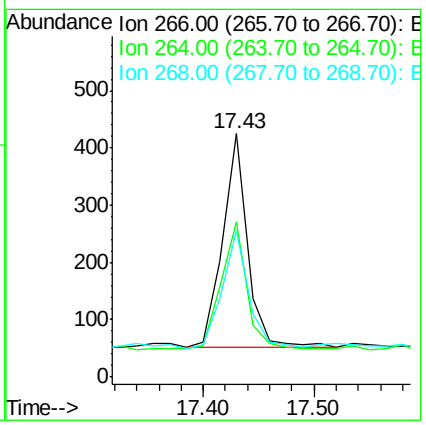


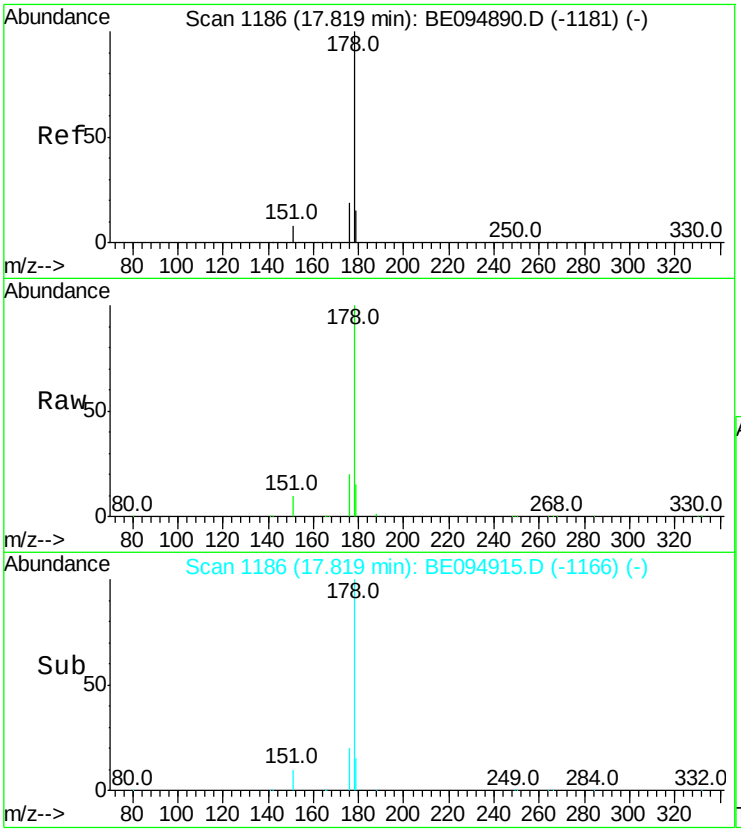


#22
Pentachlorophenol
Concen: 0.283 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:266 Resp: 579

Ion	Ratio	Lower	Upper
266	100		
264	63.8	72.5	108.7#
268	60.2	73.8	110.6#



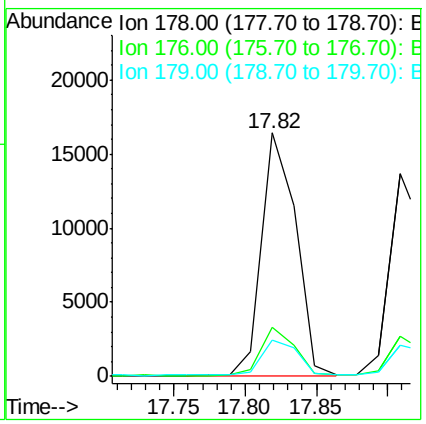


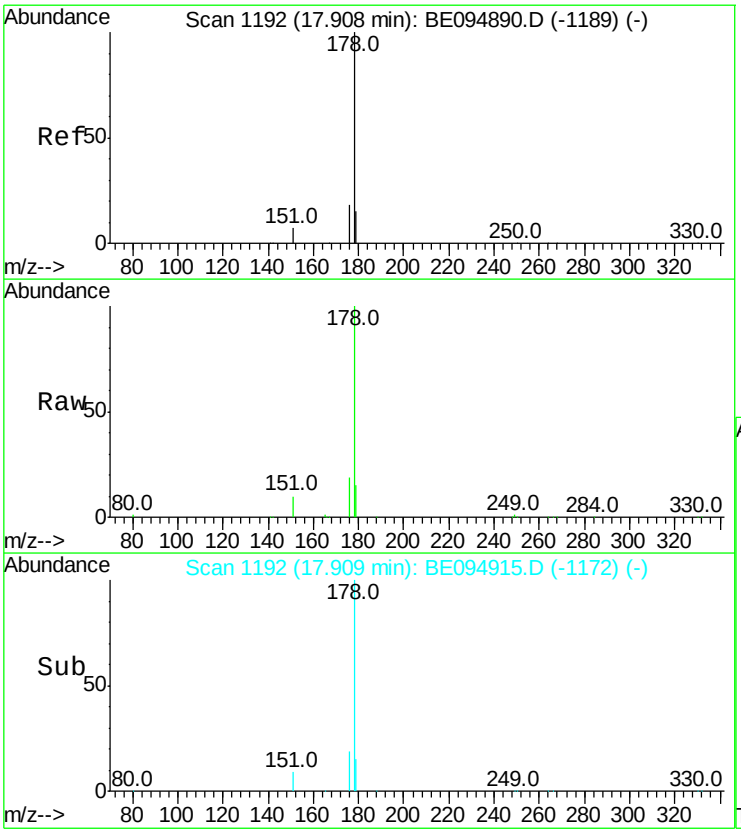
#23
Phenanthrene
Concen: 0.397 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 27177

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	11.8	17.6

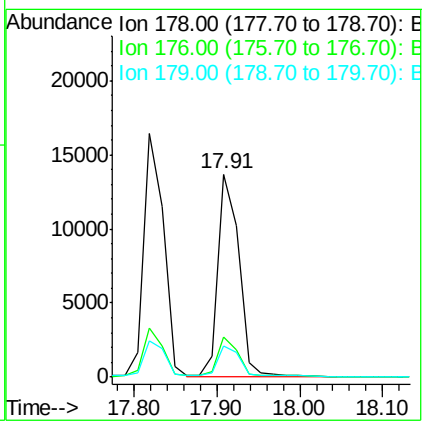


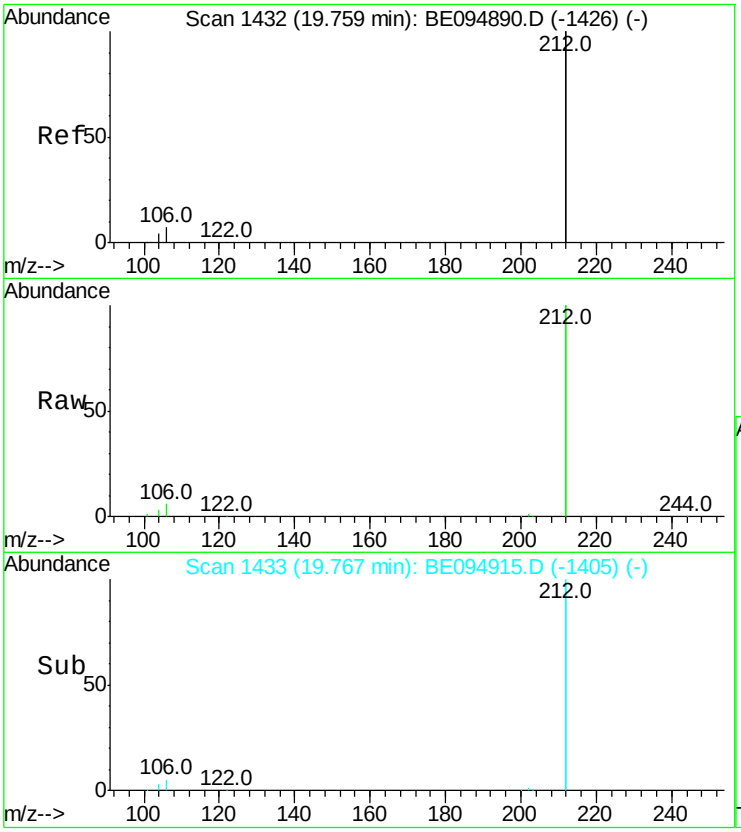


#24
Anthracene
Concen: 0.366 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:178 Resp: 26615

Ion	Ratio	Lower	Upper
178	100		
176	20.3	12.8	19.2#
179	17.6	13.0	19.6



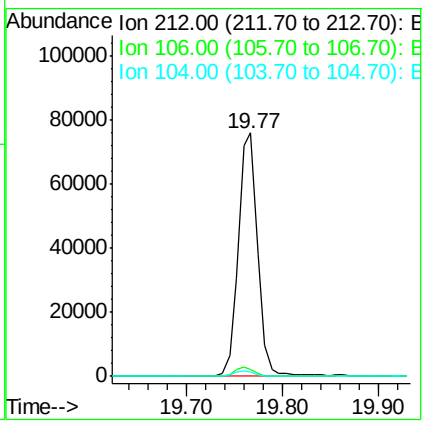


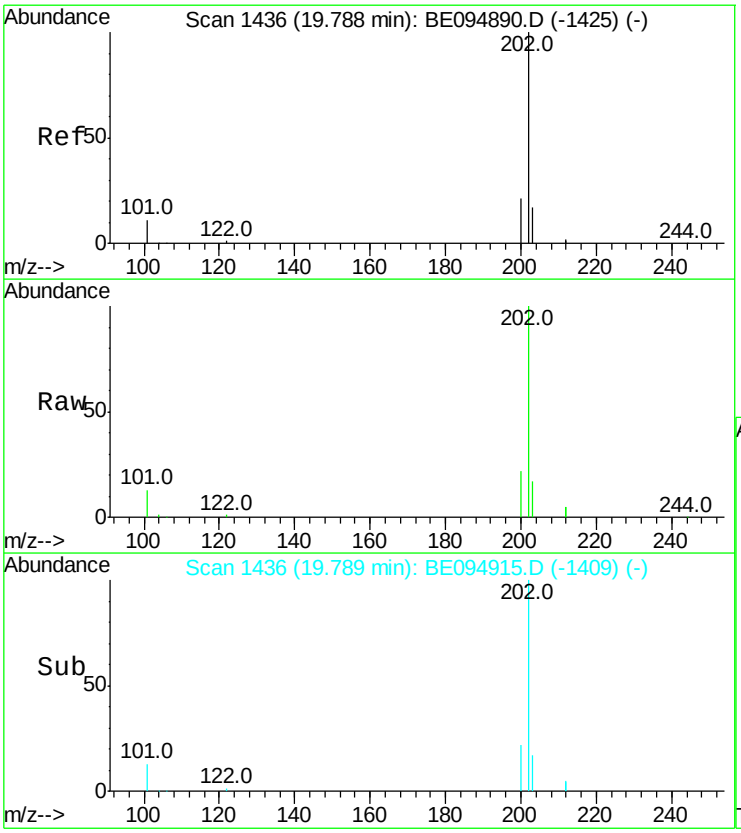
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.77 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 104968

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.1	1.6	2.4

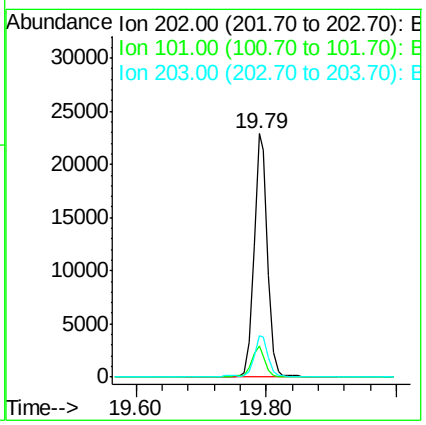


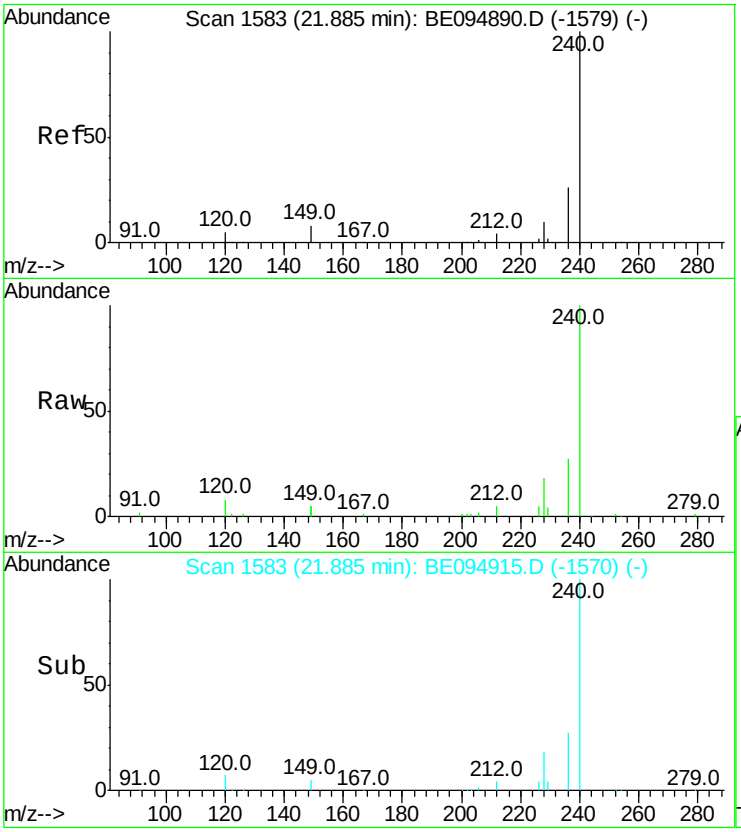


#26
Fluoranthene
Concen: 0.369 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:202 Resp: 32494

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	16.7	13.7	20.5



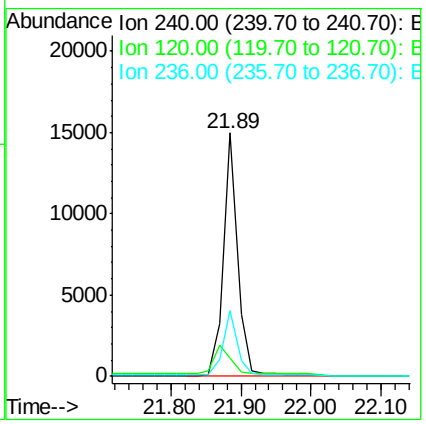


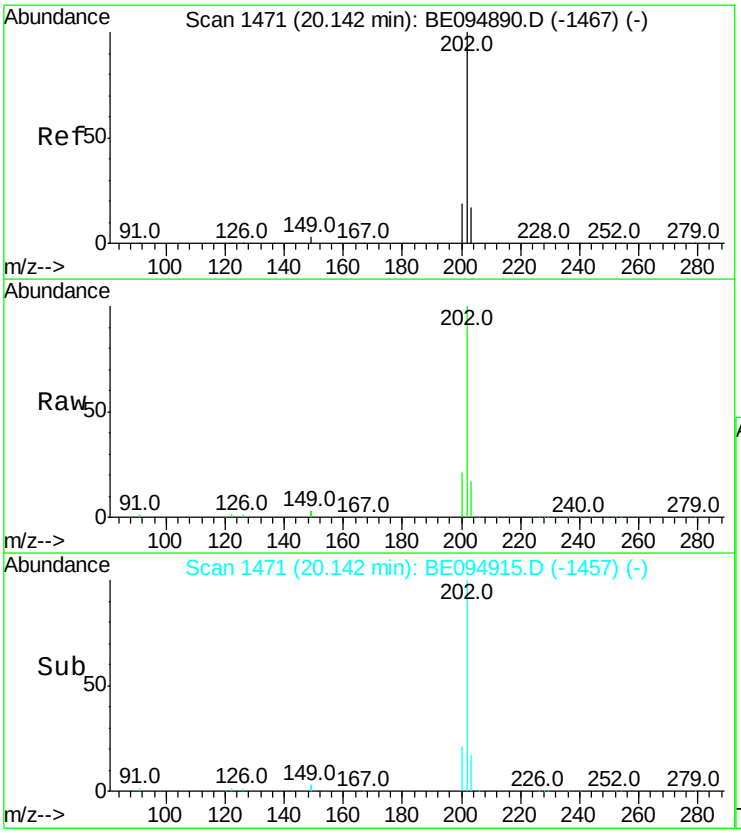
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 22840

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.5	8.3
236	27.1	20.7	31.1

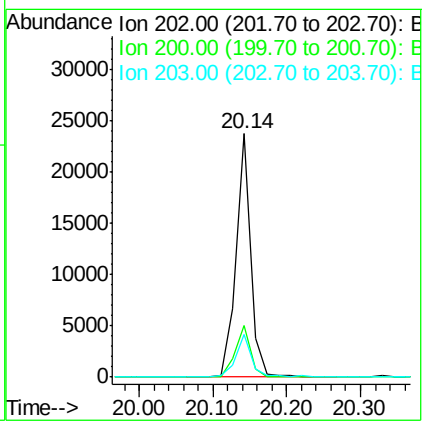


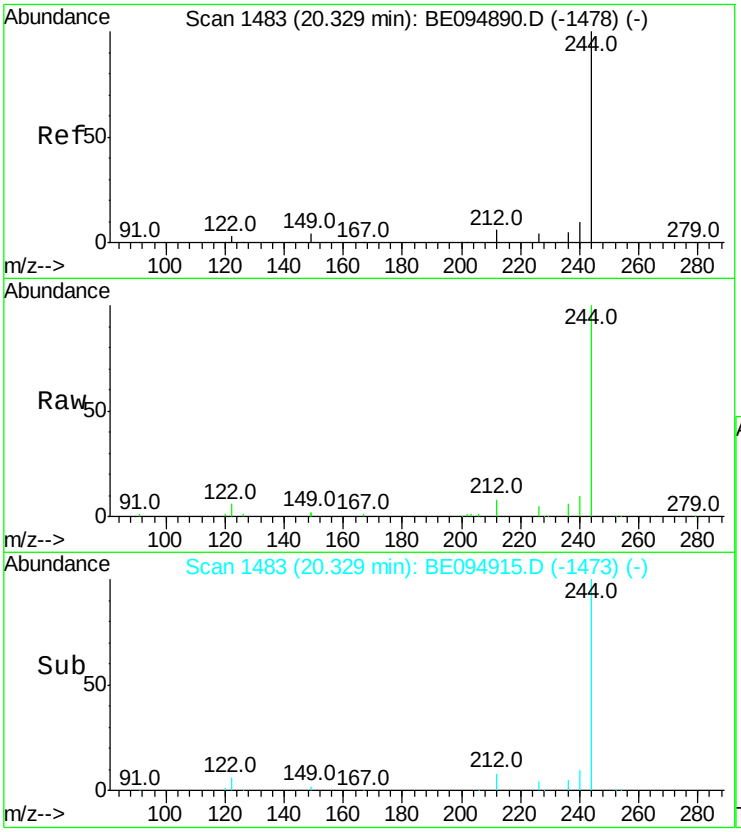


#28
Pyrene
Concen: 0.411 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:202 Resp: 32379

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	19.0	13.8	20.8



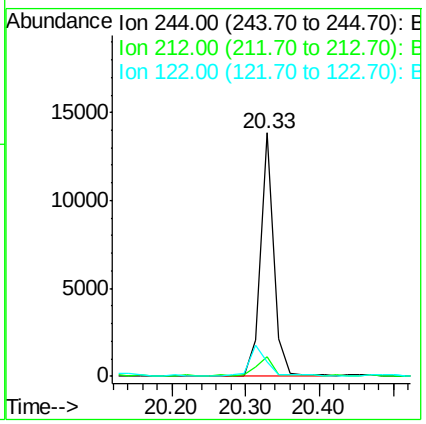


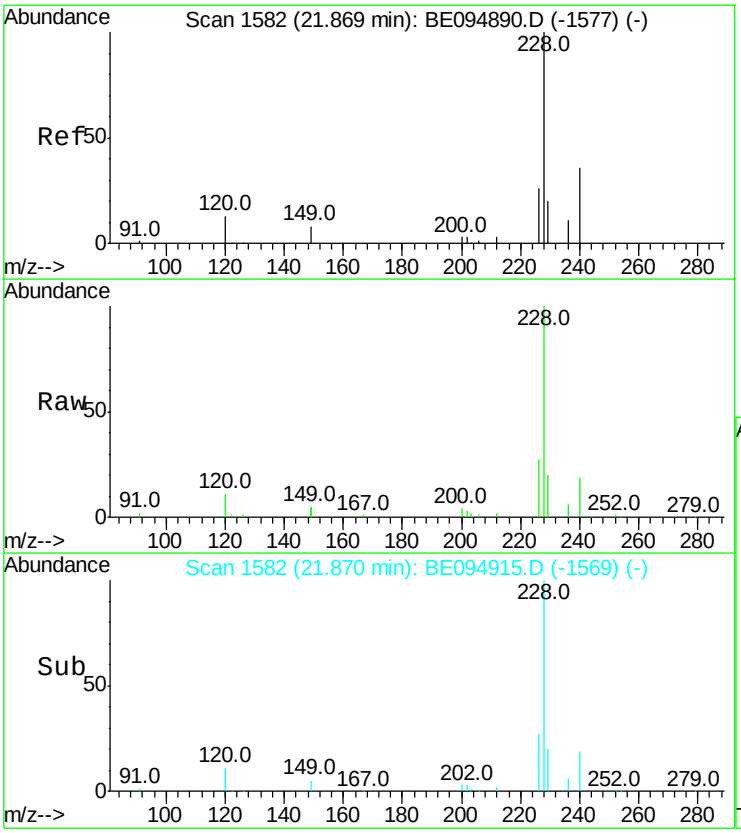
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16960

Ion	Ratio	Lower	Upper
244	100		
212	8.3	25.4	38.0#
122	6.0	8.1	12.1#

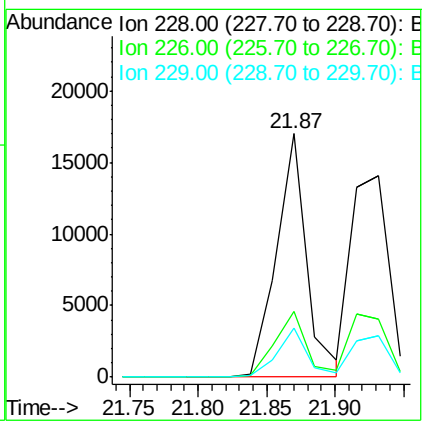


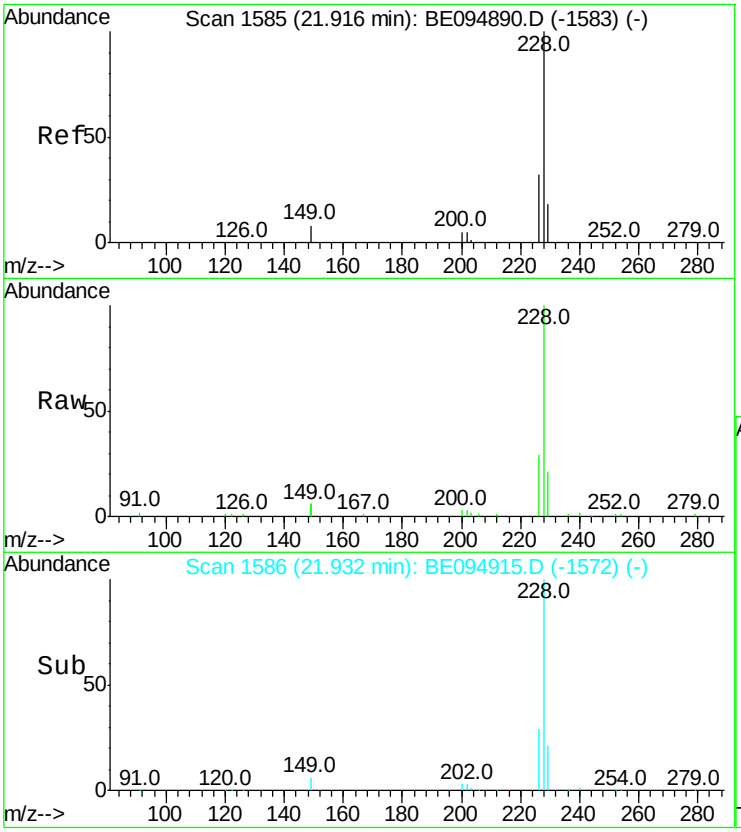


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:228 Resp: 25914

Ion	Ratio	Lower	Upper
228	100		
226	27.2	40.0	60.0#
229	19.9	40.0	60.0#



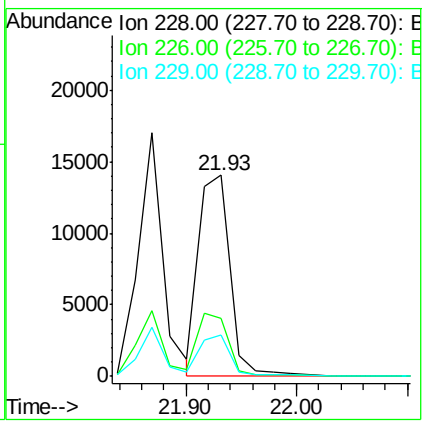


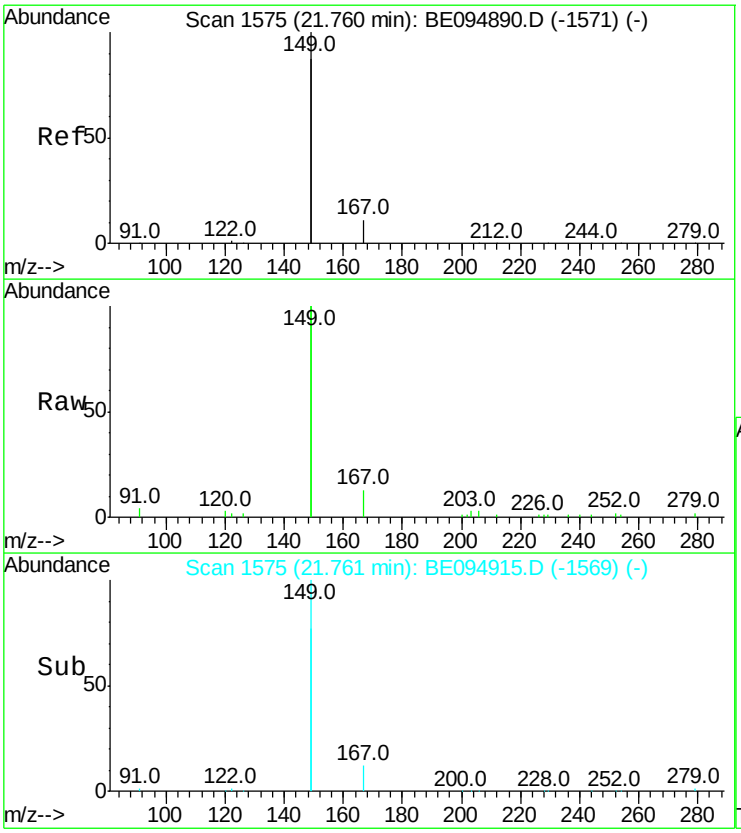
#31
Chrysene
Concen: 0.388 ng
RT: 21.93 min Scan# 1586
Delta R.T. 0.02 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 30002

Ion	Ratio	Lower	Upper
228	100		
226	29.1	40.0	60.0#
229	20.8	40.0	60.0#

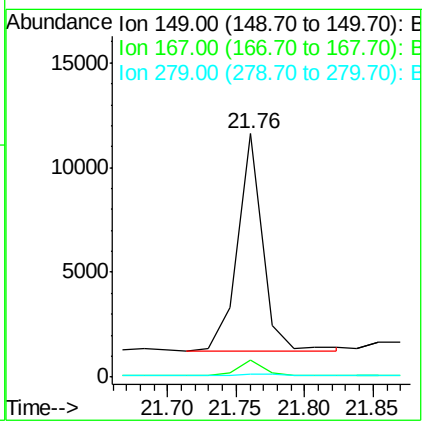


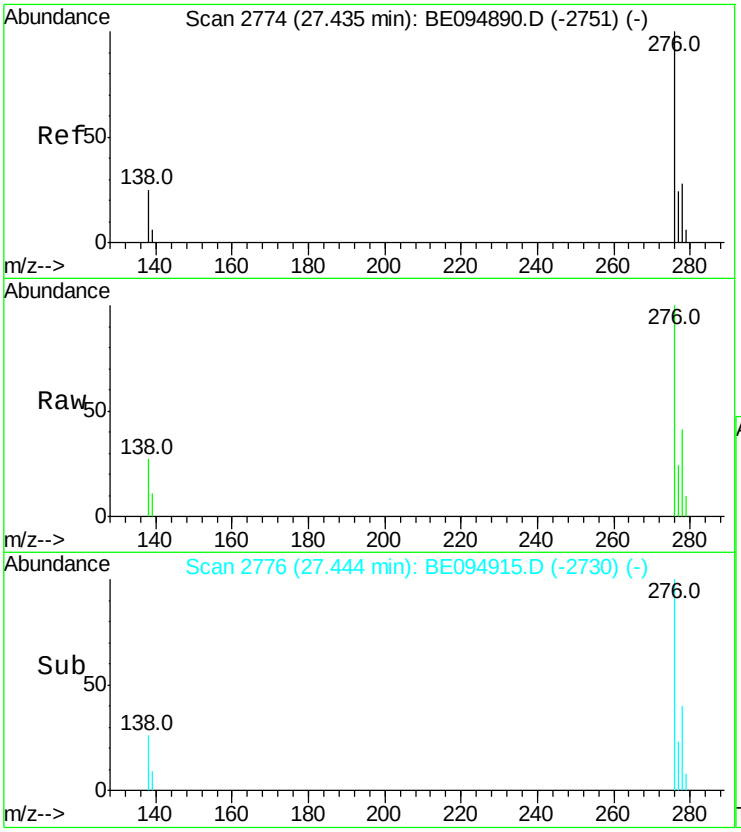


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:149 Resp: 13160

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



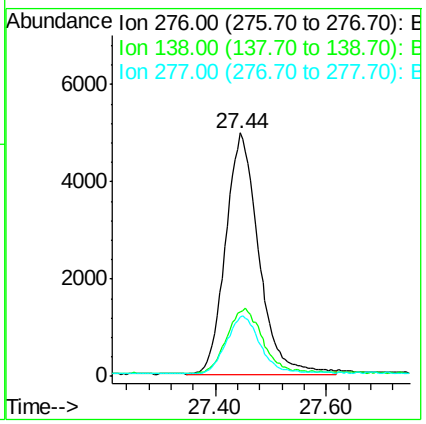


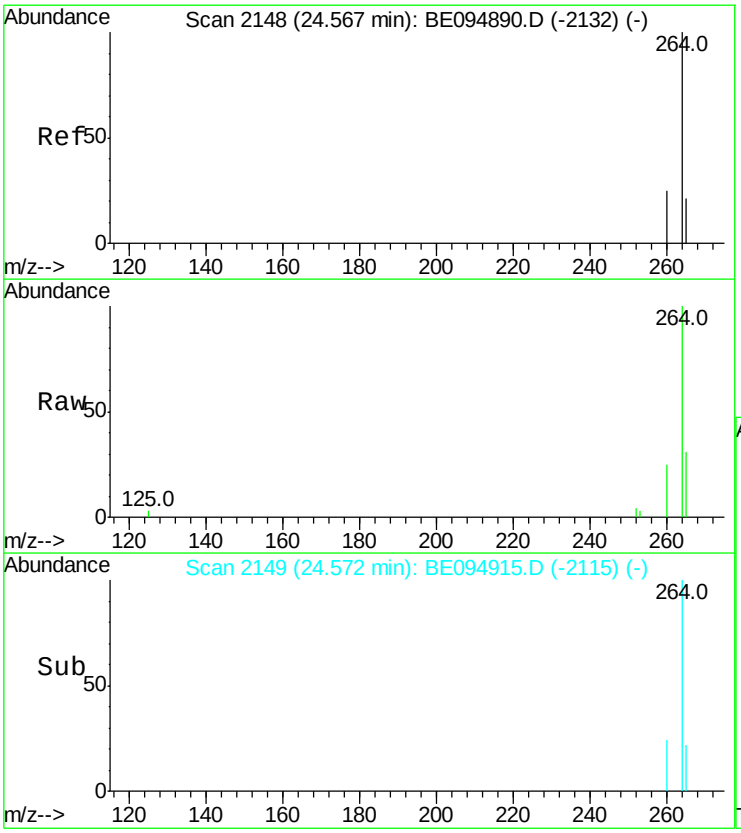
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng
RT: 27.44 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20533

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.5	33.7
277	24.4	19.9	29.9

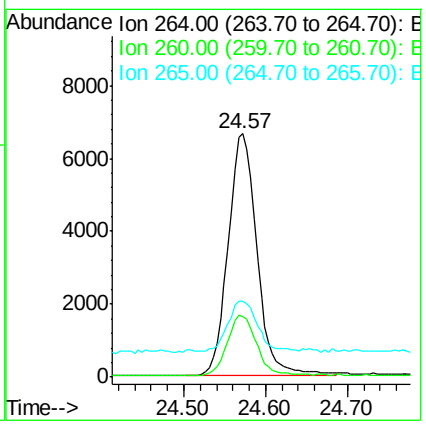


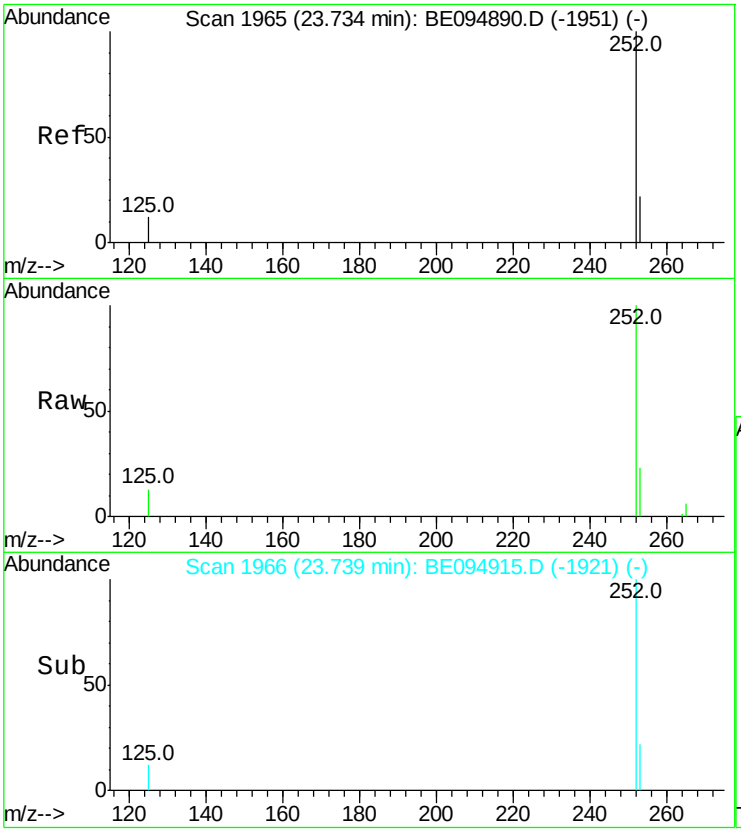


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:264 Resp: 16100

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	31.3	22.8	34.2



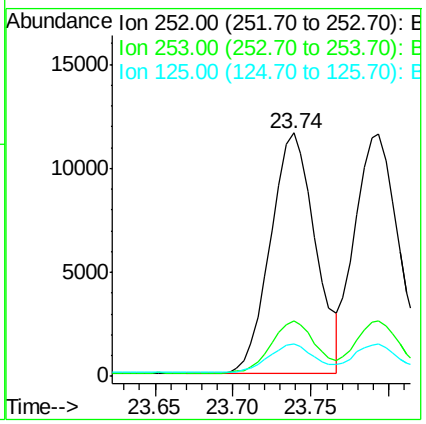


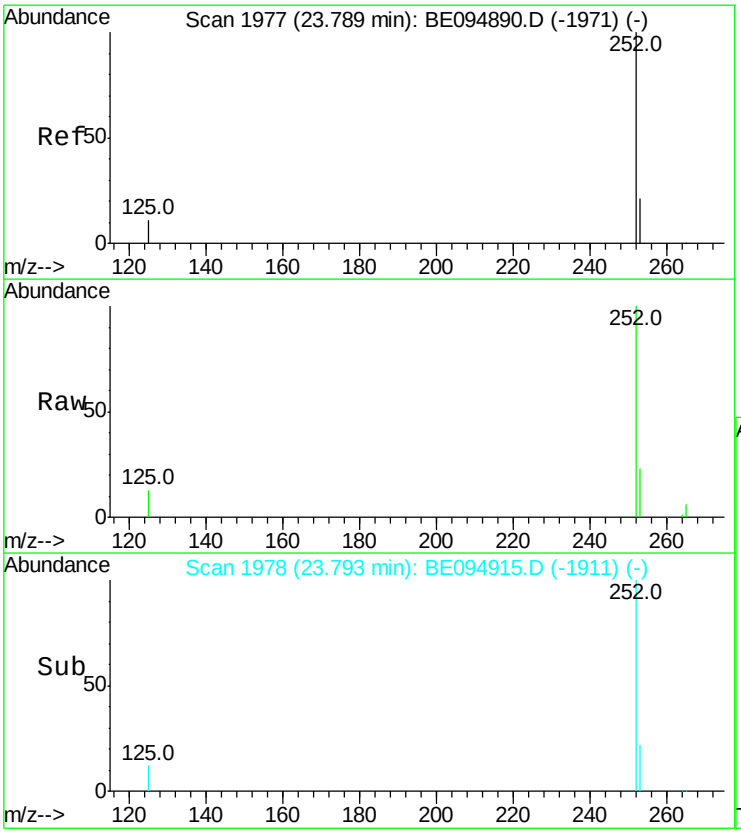
#35
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.74 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23210

Ion	Ratio	Lower	Upper
252	100		
253	22.9	48.0	72.0#
125	13.3	56.0	84.0#

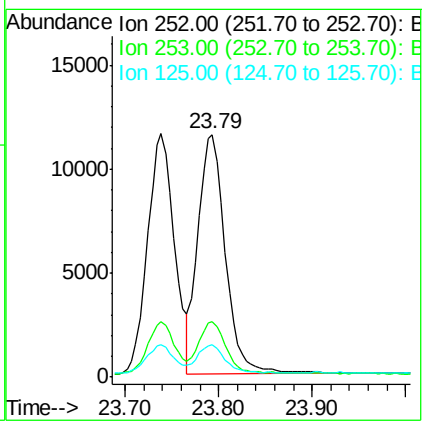


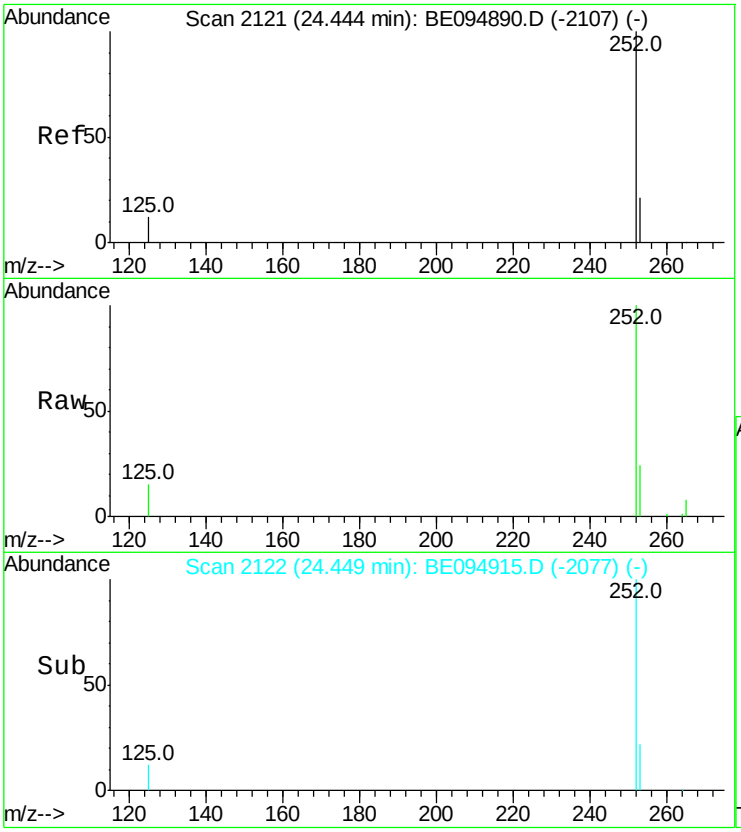


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:252 Resp: 23348

Ion	Ratio	Lower	Upper
252	100		
253	22.8	48.0	72.0#
125	13.1	56.0	84.0#



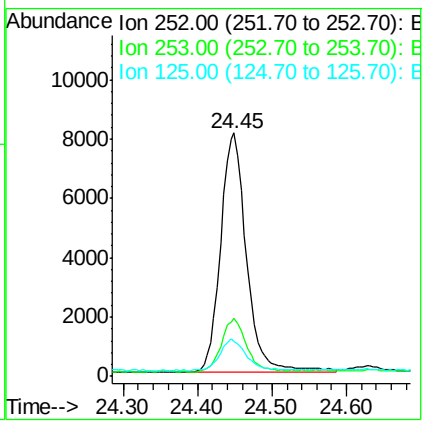


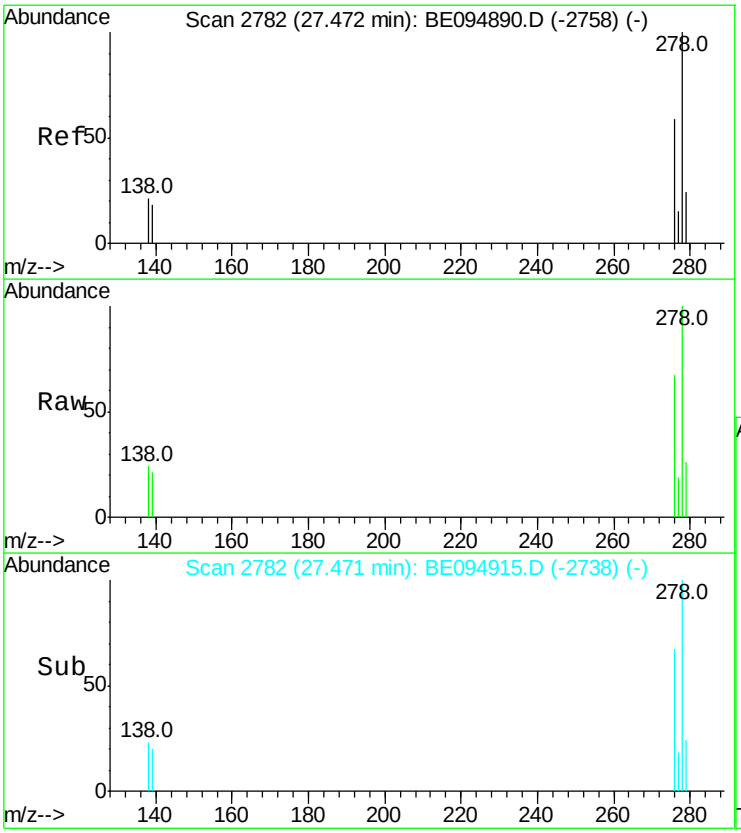
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 24.45 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 19538

Ion	Ratio	Lower	Upper
252	100		
253	23.7	52.0	78.0#
125	14.6	68.0	102.0#

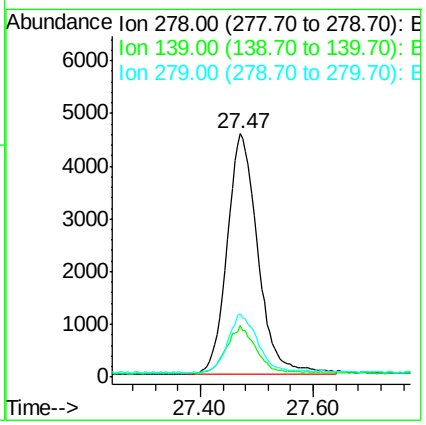


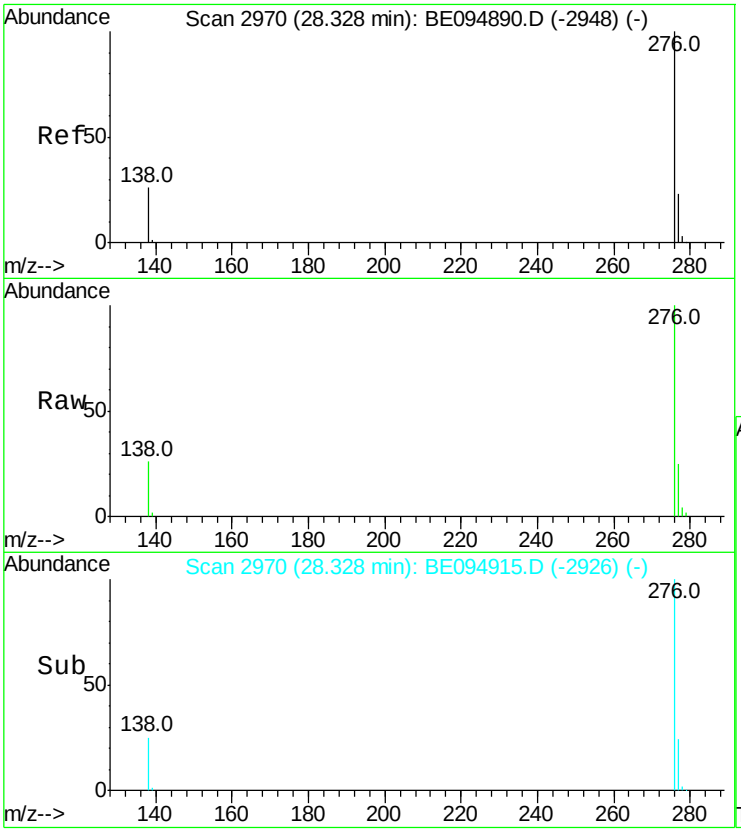


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 27.47 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:278 Resp: 16908

Ion	Ratio	Lower	Upper
278	100		
139	21.3	56.0	84.0#
279	26.0	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 28.33 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 18301

Ion	Ratio	Lower	Upper
276	100		
277	25.1	52.0	78.0#
138	26.5	44.0	66.0#