Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094194.D
Acq On : 7 Oct 2017 00:19
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 07 01:16:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1192	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6019	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	3716	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	9689	0.40	ng		0.00
27) Chrysene-d12	21.40	240	9754	0.40	ng		0.00
34) Perylene-d12	23.90	264	9013	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	1627	0.41	ng		0.00
5) Phenol-d6	7.09	99	2410	0.42	ng		0.00
8) Nitrobenzene-d5	9.04	82	2024	0.40	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	3738	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	681	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	4970	0.39	ng		0.00
25) Fluoranthene-d10	19.26	212	42284	0.44	ng		0.00
29) Terphenyl-d14	19.84	244	7422	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	860	0.398	ng		90
3) n-Nitrosodimethylamine	3.74	42	944	0.408	ng	#	98
6) bis(2-Chloroethyl)ether	7.33	93	1923	0.411	ng		97
9) Naphthalene	10.74	128	26906	0.397	ng		100
10) Hexachlorobutadiene	11.01	225	1041	0.405	ng		97
12) 2-Methylnaphthalene	12.34	142	4513	0.405	ng		98
16) Acenaphthylene	14.23	152	7514	0.399	ng		99
17) Acenaphthene	14.57	154	4894	0.394	ng		97
18) Fluorene	15.55	166	6570	0.404	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	2578	0.462	ng	#	76
21) Hexachlorobenzene	16.55	284	2511	0.501	ng	#	65
22) Pentachlorophenol	16.91	266	634	0.466	ng	#	77
23) Phenanthrene	17.27	178	15096	0.450	ng		98
24) Anthracene	17.37	178	9983	0.390	ng		98
26) Fluoranthene	19.29	202	12844	0.436	ng		100
28) Pyrene	19.65	202	13420	0.400	ng		99
30) Benzo(a)anthracene	21.38	228	12236	0.382	ng		99
31) Chrysene	21.44	228	12711	0.402	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	29103	0.394	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	12288	0.391	ng		99
35) Benzo(b)fluoranthene	23.13	252	11806	0.389	ng		99
36) Benzo(k)fluoranthene	23.18	252	12074	0.392	ng		99
37) Benzo(a)pyrene	23.79	252	11393	0.398	ng		100
38) Dibenzo(a,h)anthracene	26.55	278	10433	0.393	ng		98
39) Benzo(g,h,i)perylene	27.36	276	10596	0.390	ng		98

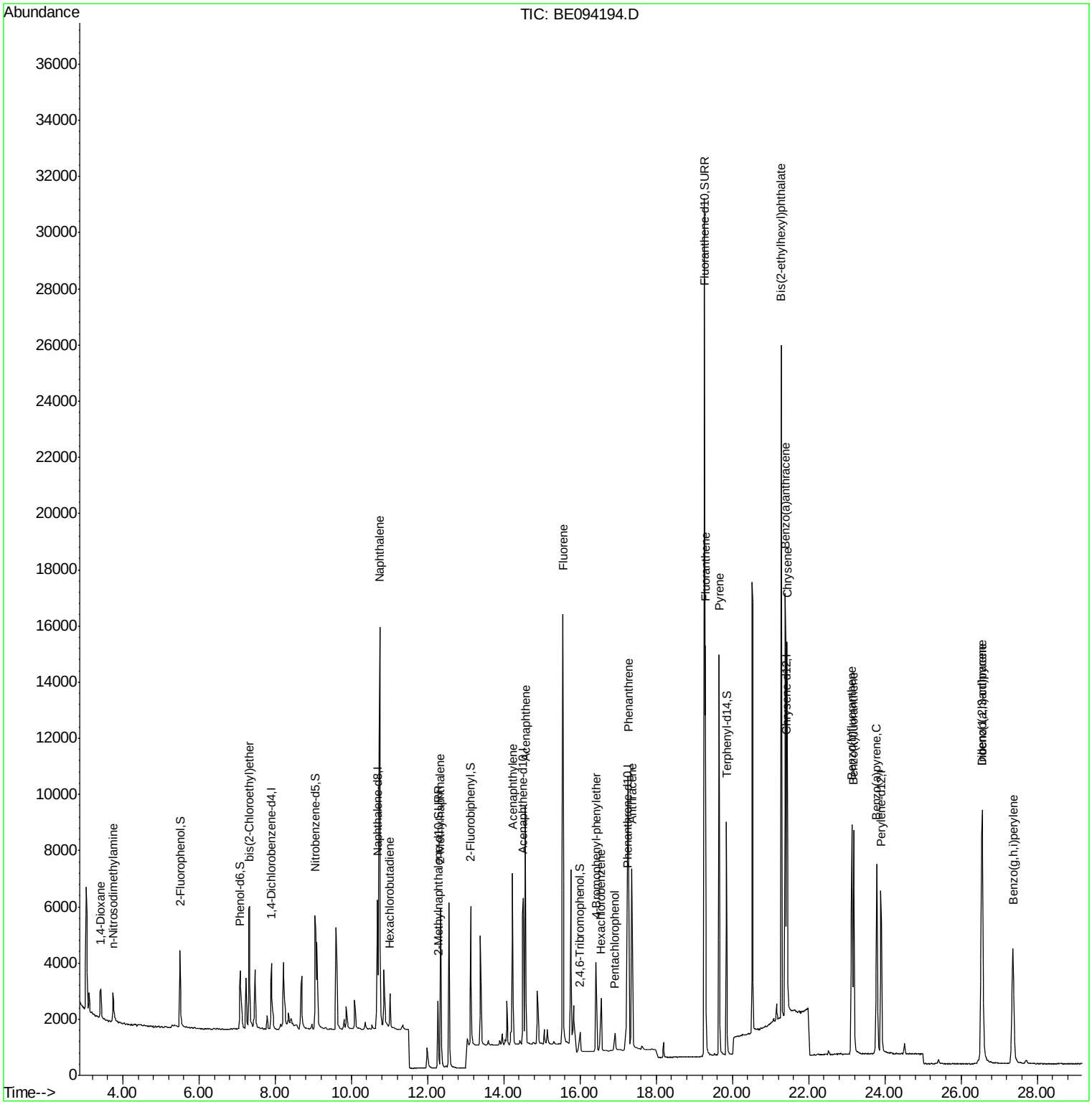
(#) = qualifier out of range (m) = manual integration (+) = signals summed

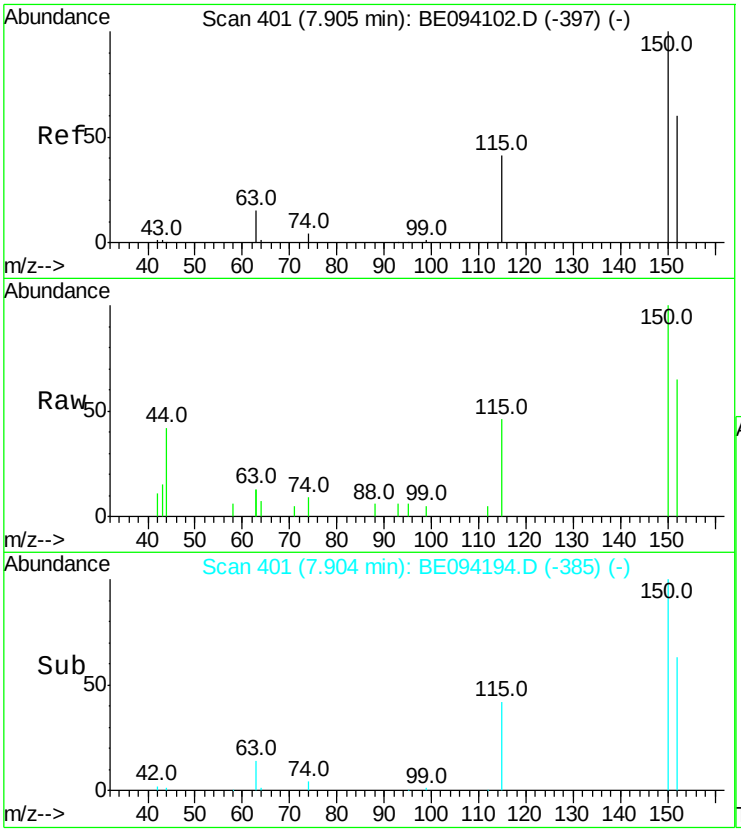
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094194.D
Acq On : 7 Oct 2017 00:19
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 07 01:16:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration



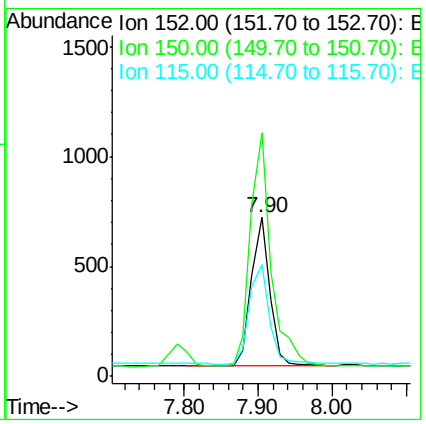


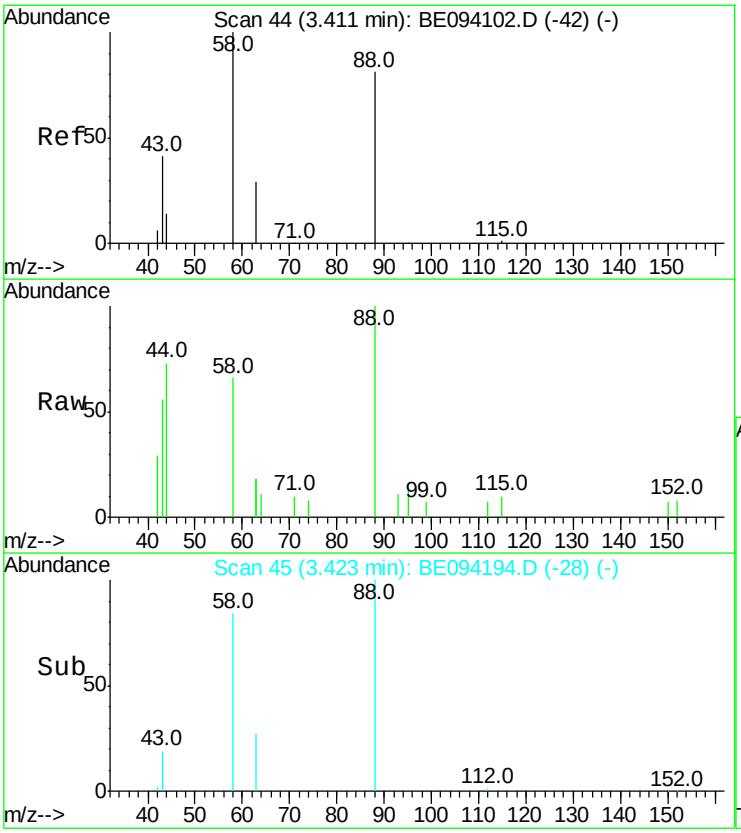
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1192

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	70.3	57.0	85.6

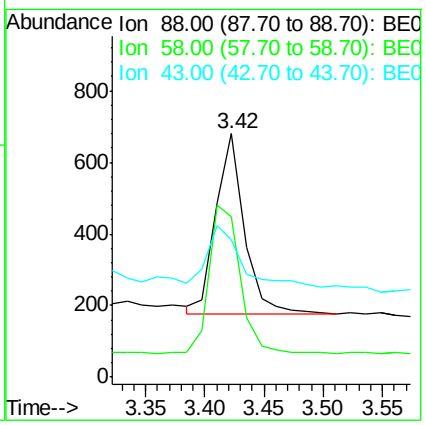


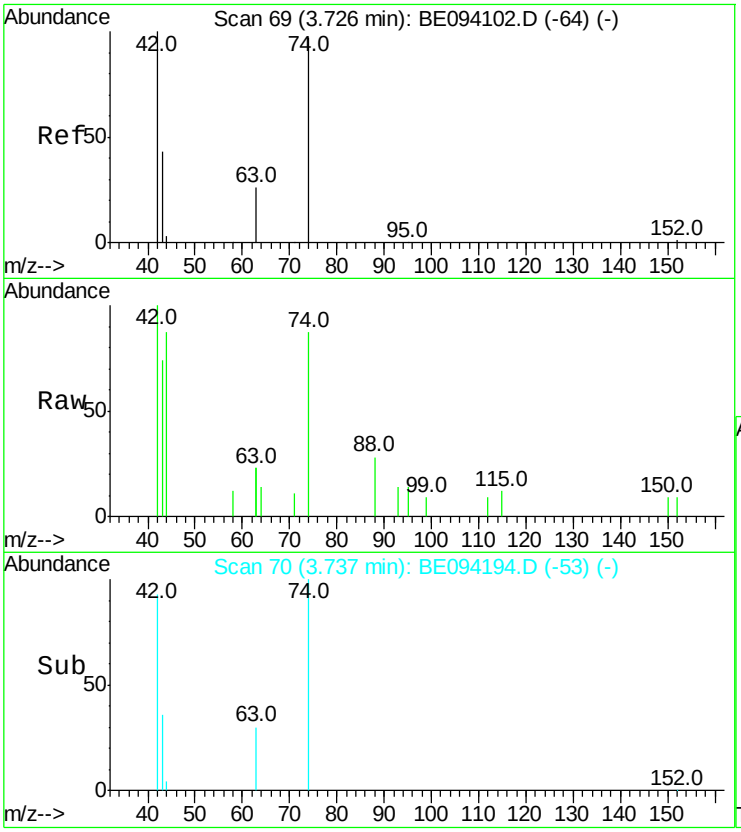


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion: 88 Resp: 860

Ion	Ratio	Lower	Upper
88	100		
58	90.2	63.2	94.8
43	55.8	41.2	61.8



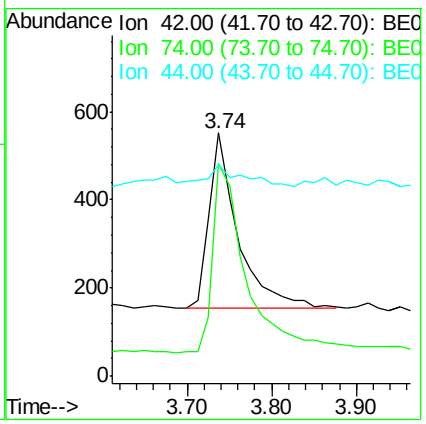


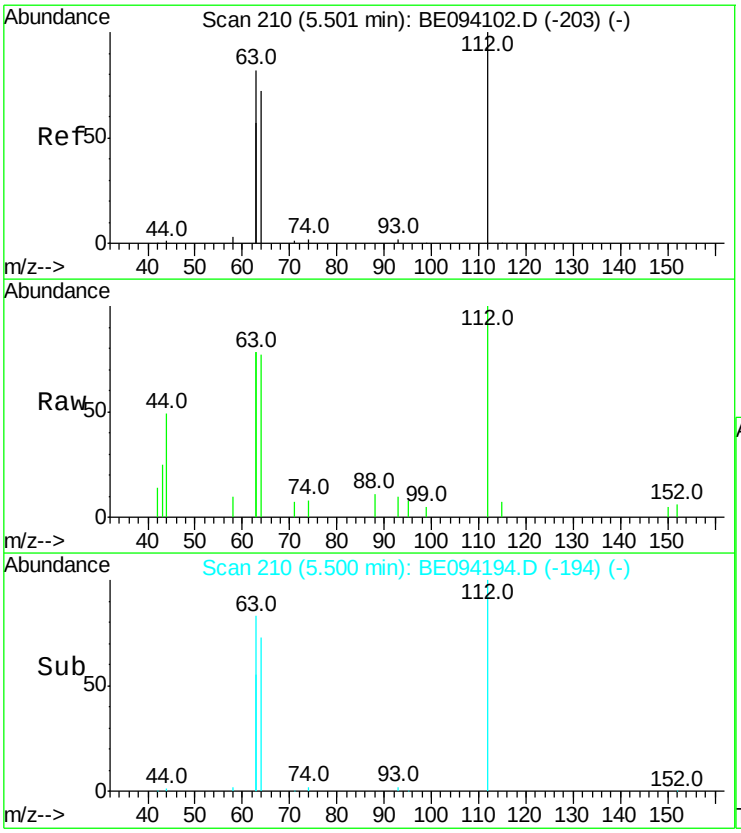
#3
n-Nitrosodimethylamine
Concen: 0.408 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 944

Ion	Ratio	Lower	Upper
42	100		
74	125.1	100.3	150.5
44	14.3	17.0	25.4#

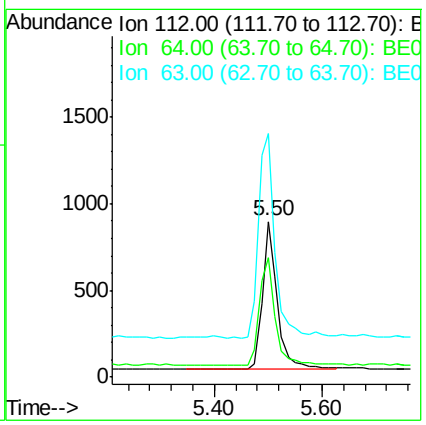


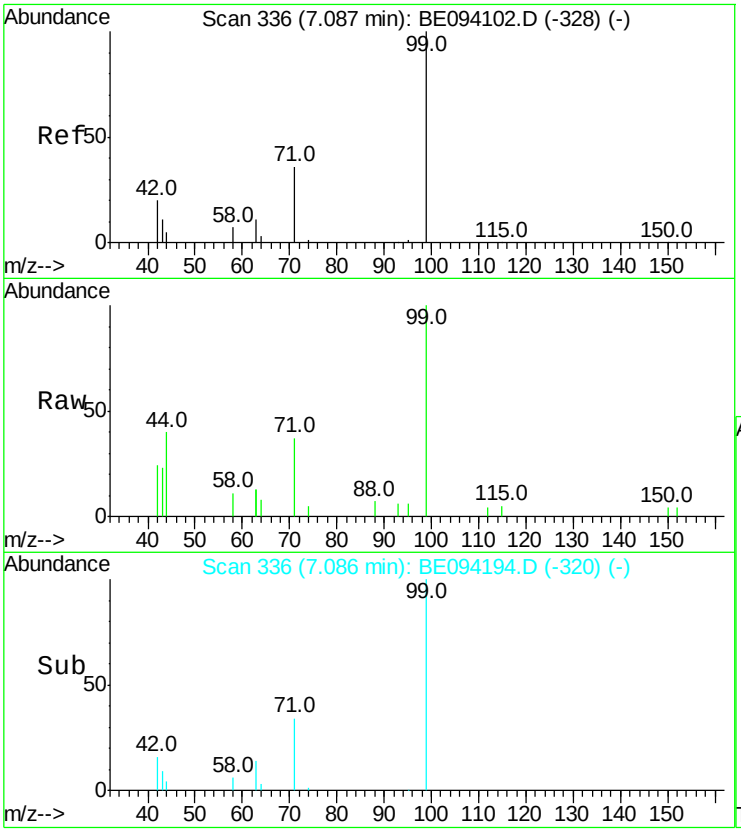


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:112 Resp: 1627

Ion	Ratio	Lower	Upper
112	100		
64	79.0	60.1	90.1
63	151.8	116.8	175.2



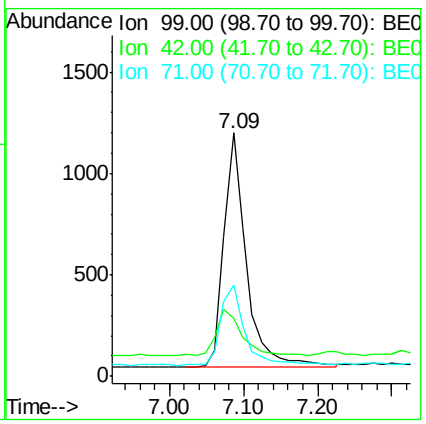


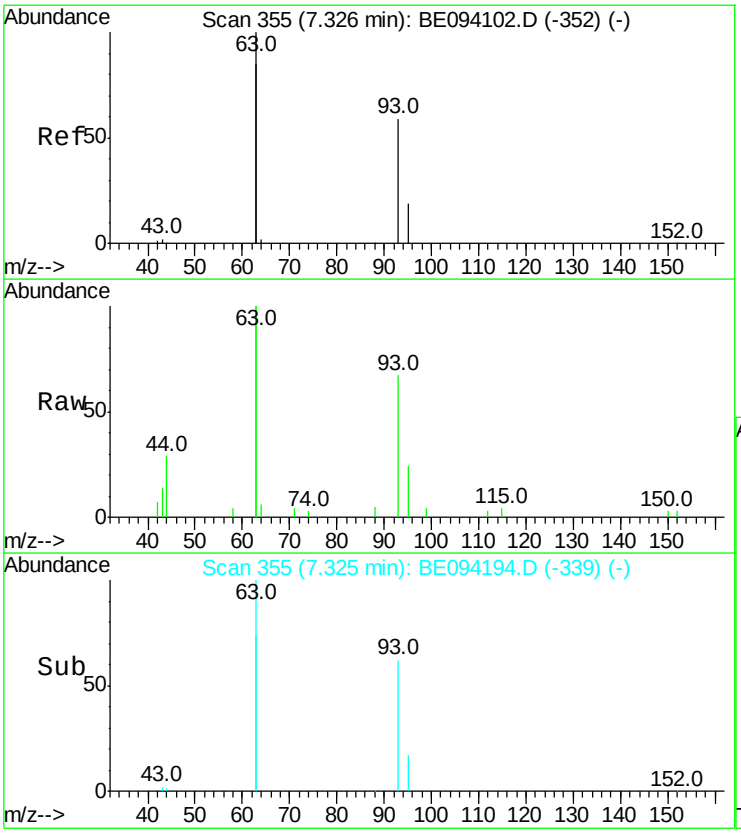
#5
Phenol-d6
Concen: 0.419 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2410

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.2	30.2
71	37.5	28.4	42.6

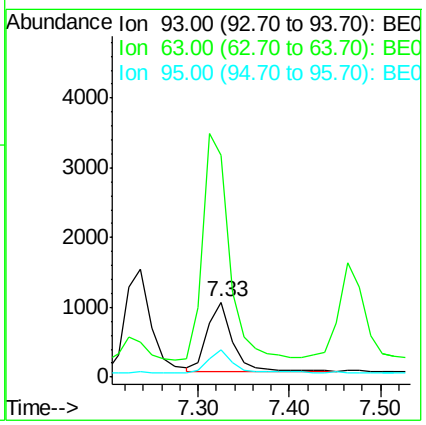


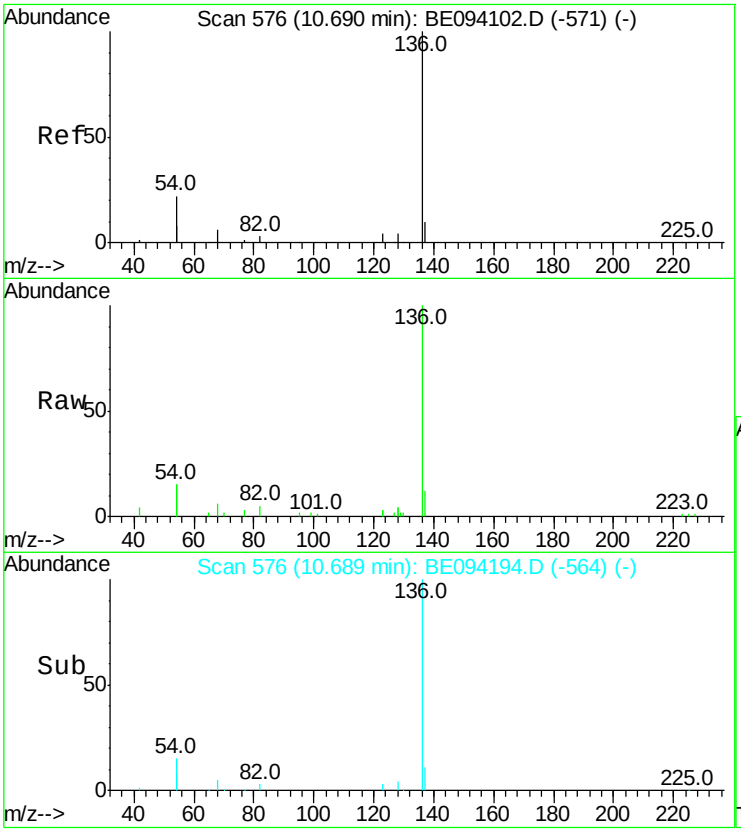


#6
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion: 93 Resp: 1923

Ion	Ratio	Lower	Upper
93	100		
63	338.4	275.3	412.9
95	30.1	25.2	37.8



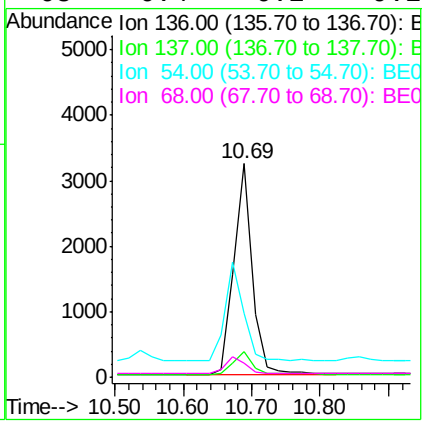


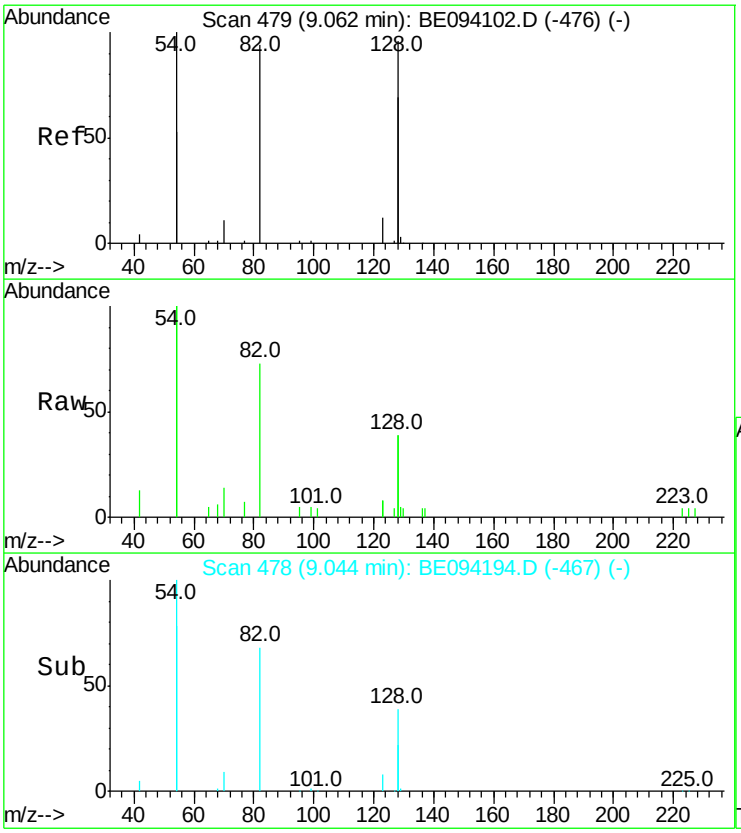
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 6019

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	30.2	29.1	43.7
68	6.4	6.2	9.2

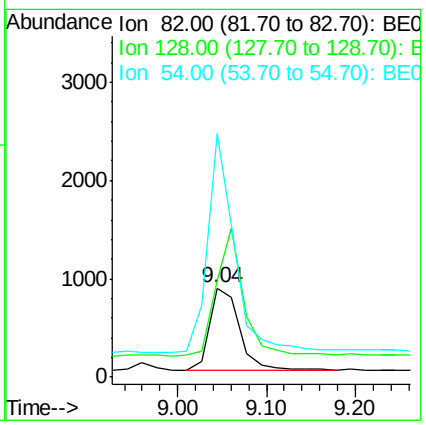


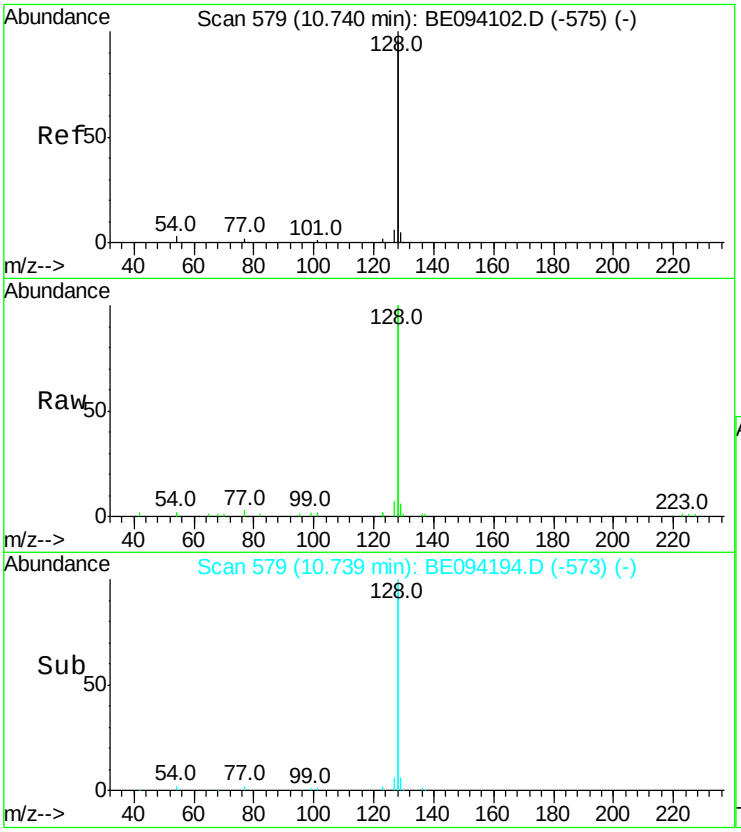


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion: 82 Resp: 2024

Ion	Ratio	Lower	Upper
82	100		
128	108.1	150.0	225.0#
54	273.8	154.2	231.4#



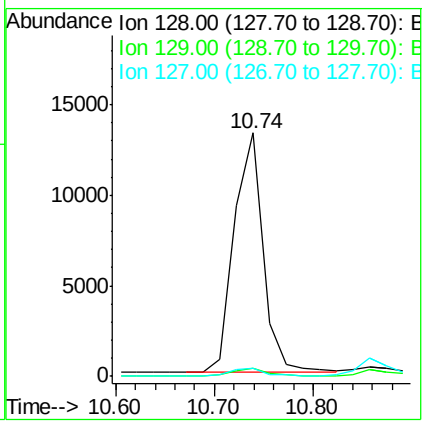


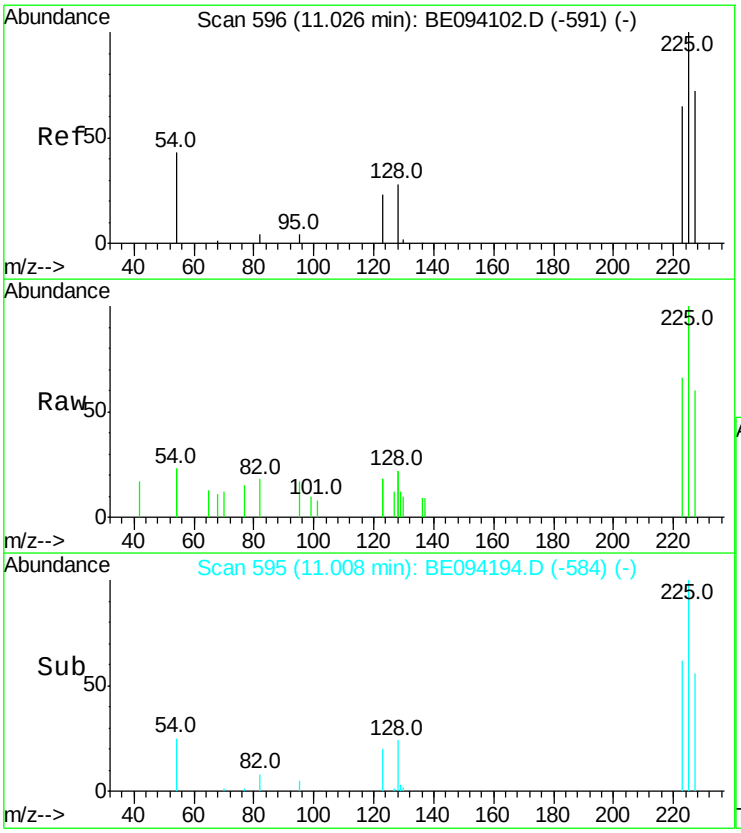
#9
Naphthalene
Concen: 0.397 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 26906

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.3	2.8	4.2

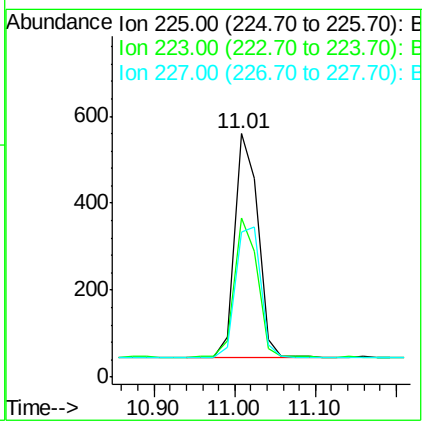


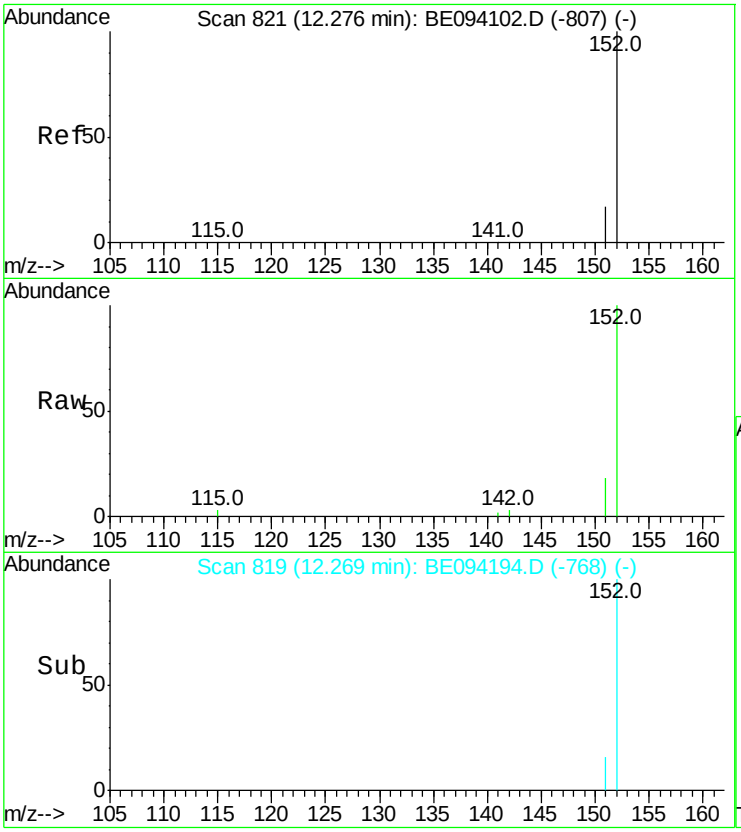


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:225 Resp: 1041

Ion	Ratio	Lower	Upper
225	100		
223	62.2	53.0	79.6
227	63.4	51.4	77.2



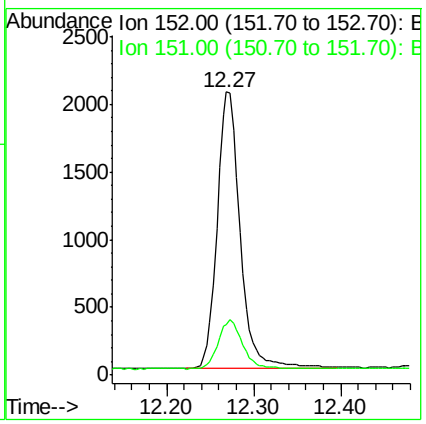


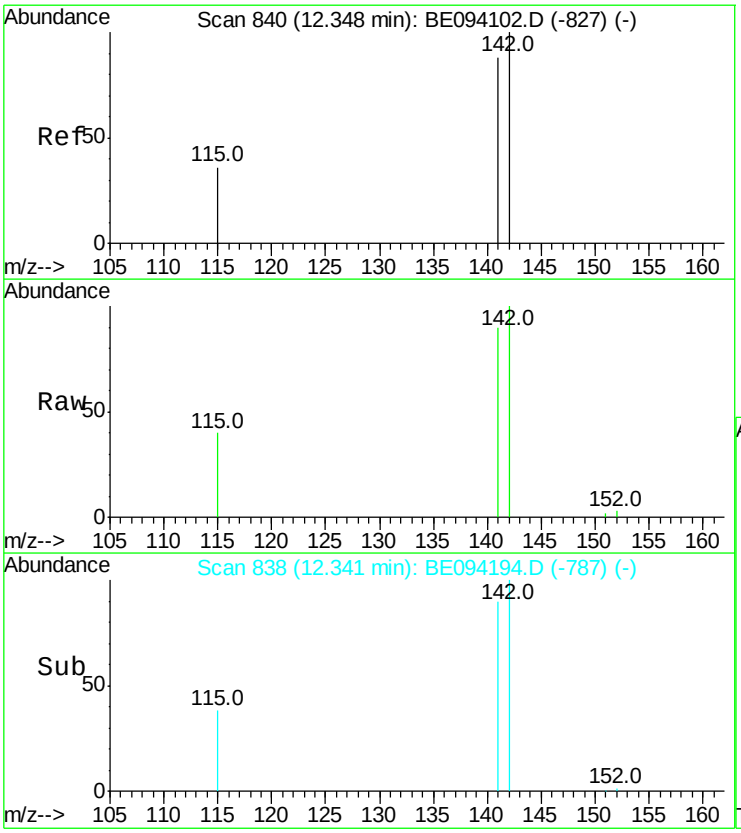
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3738

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

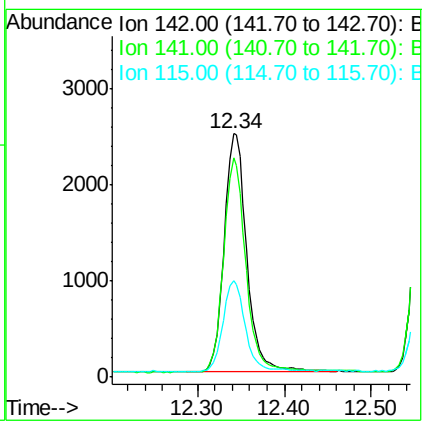


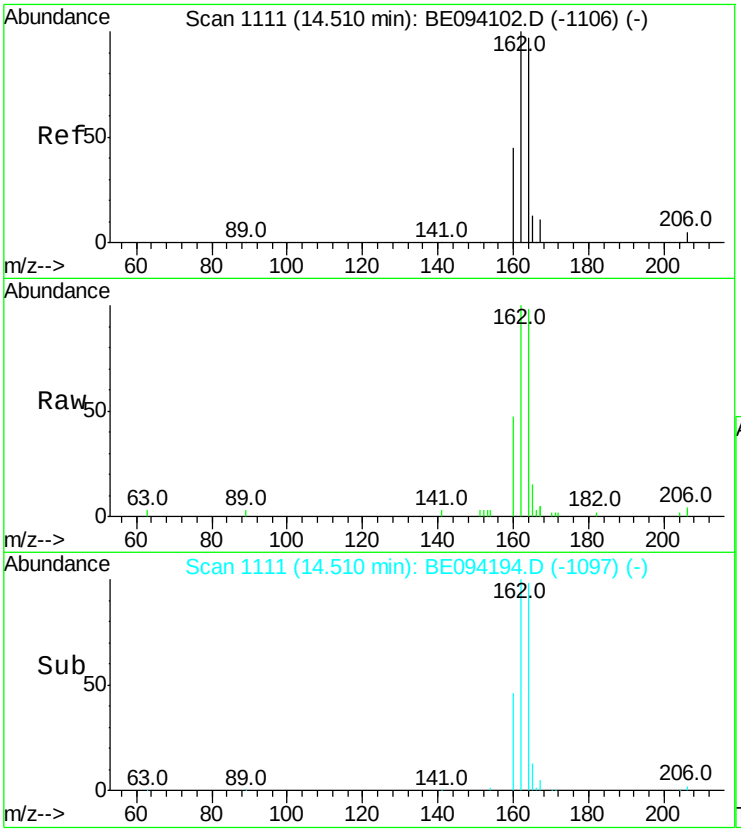


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.34 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:142 Resp: 4513

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.4	105.6
115	39.7	31.7	47.5



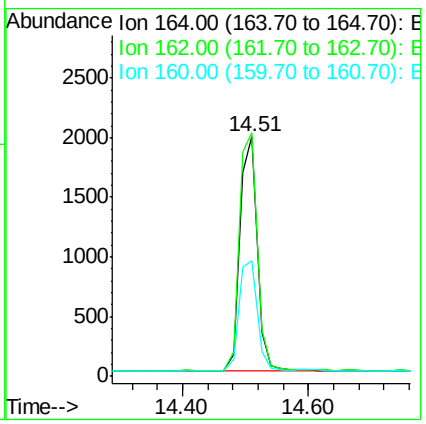


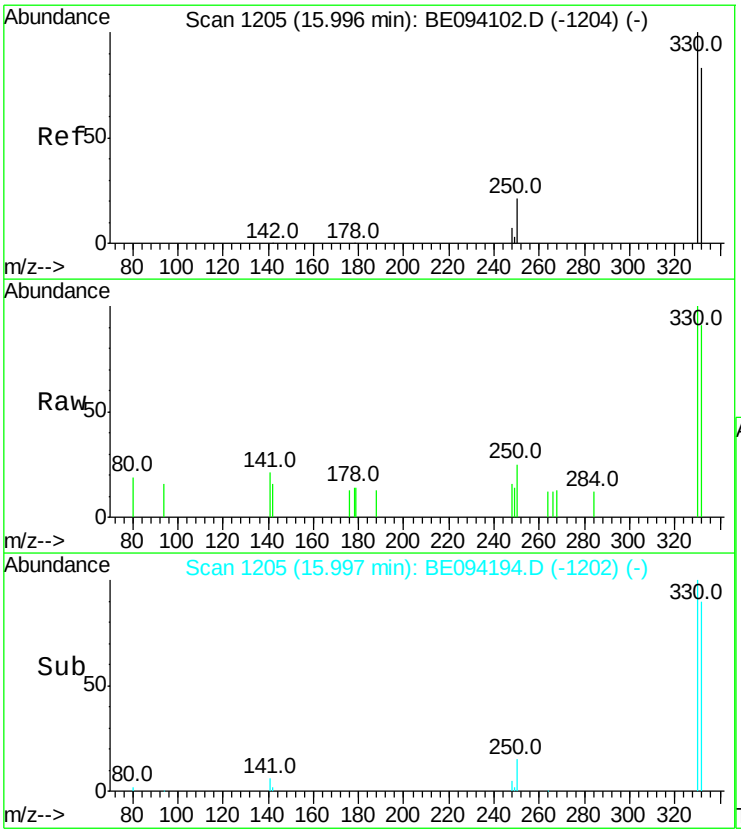
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3716

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.1	124.7
160	48.1	37.1	55.7

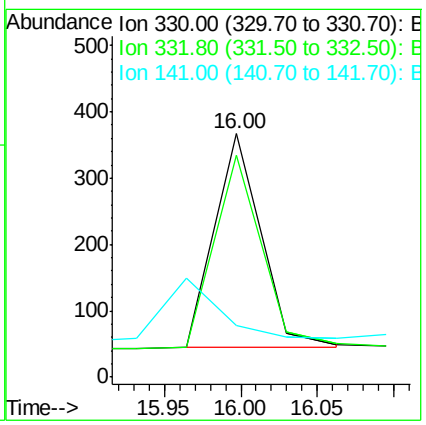


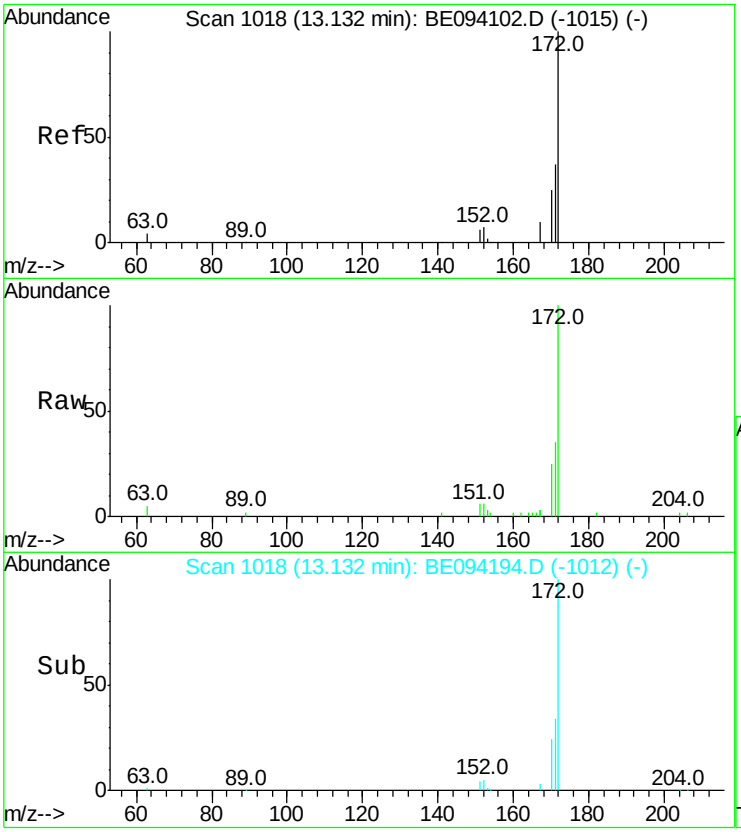


#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:330 Resp: 681

Ion	Ratio	Lower	Upper
330	100		
332	91.6	152.7	229.1#
141	0.0	33.7	50.5#



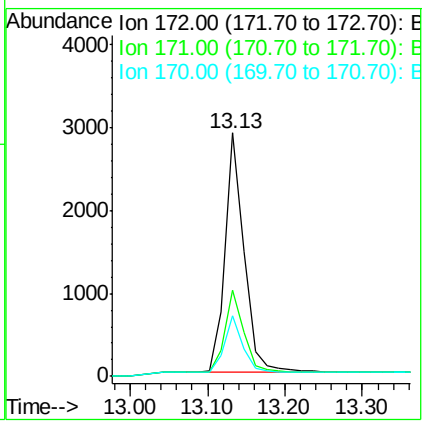


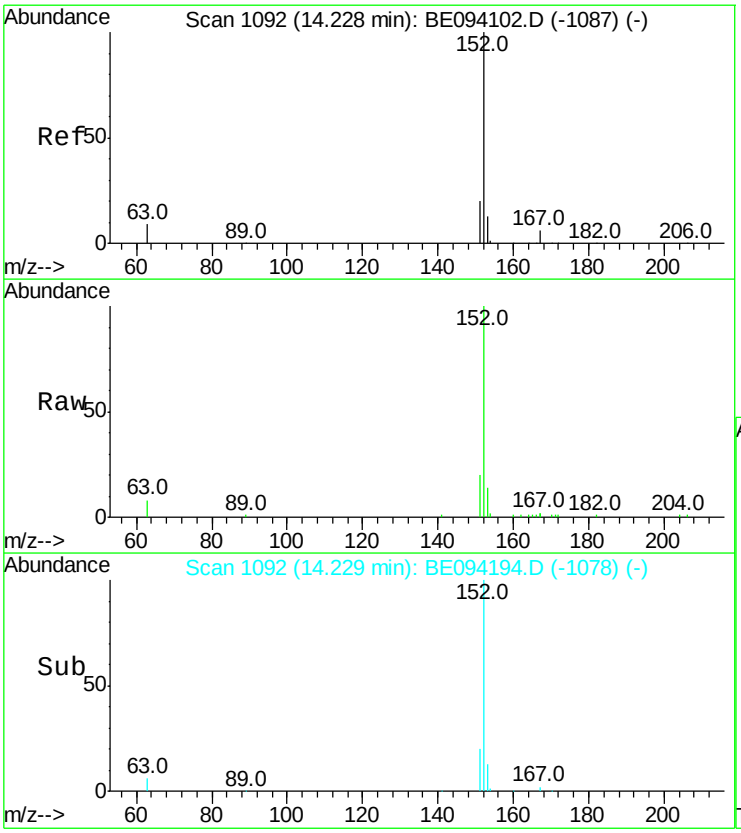
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4970

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	24.9	21.8	32.8

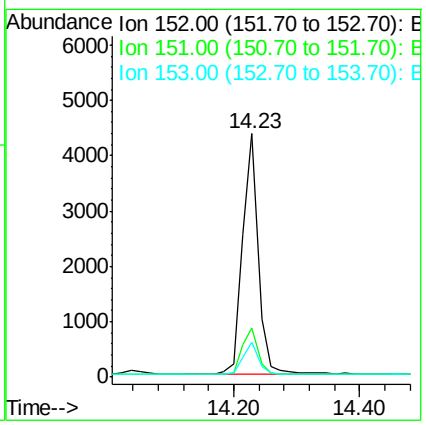


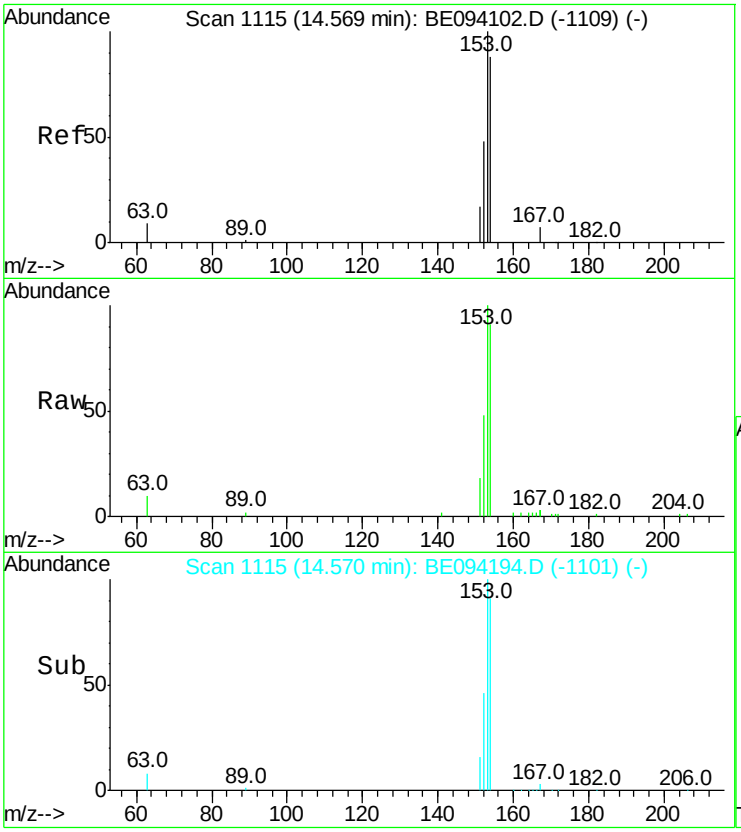


#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:152 Resp: 7514

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.2	10.5	15.7



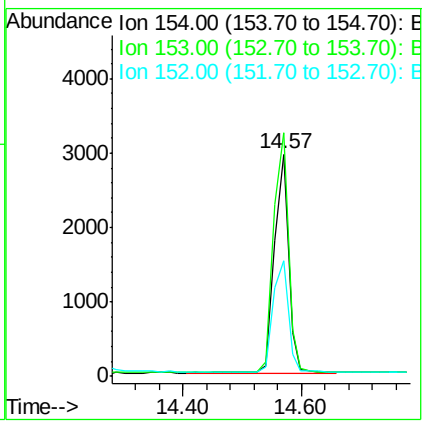


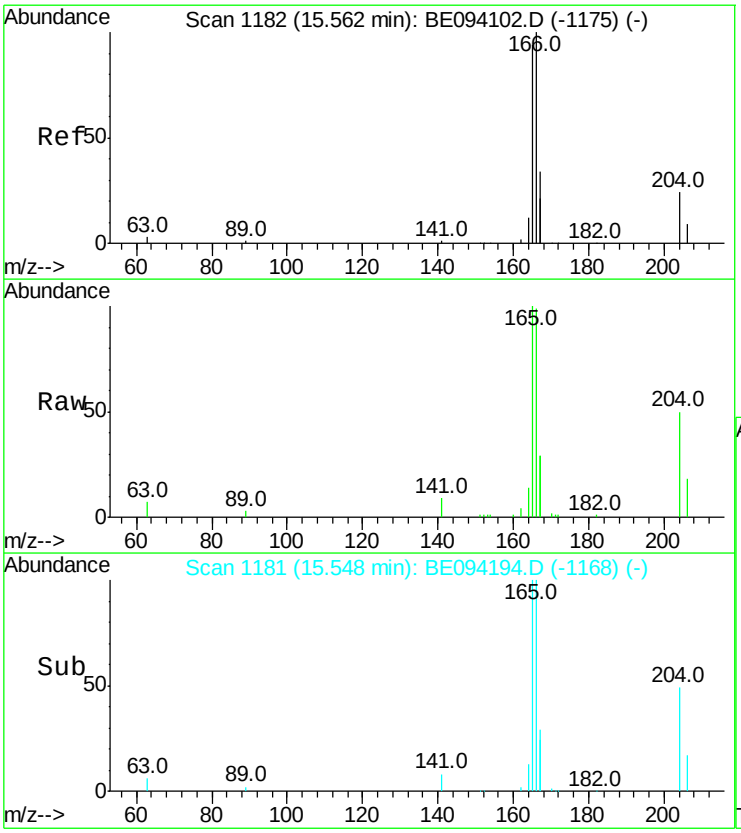
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4894

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.2	133.8
152	54.5	42.0	63.0

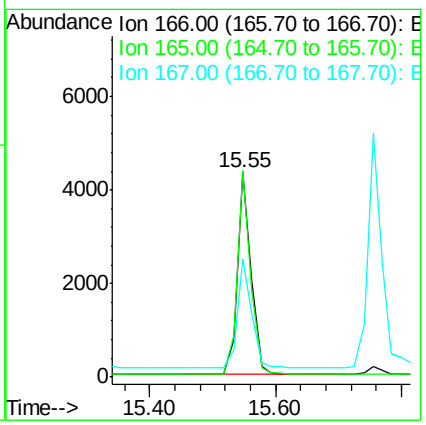


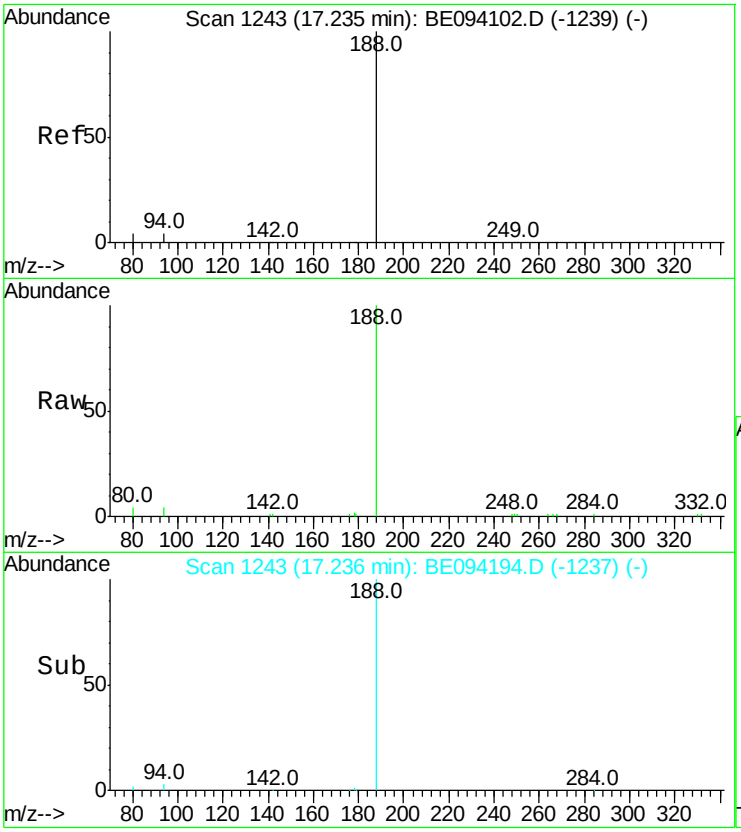


#18
Fluorene
Concen: 0.404 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:166 Resp: 6570

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	54.5	42.4	63.6



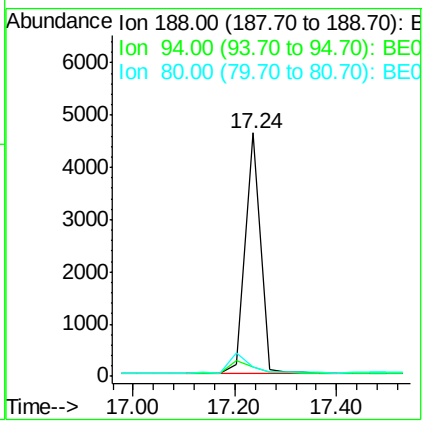


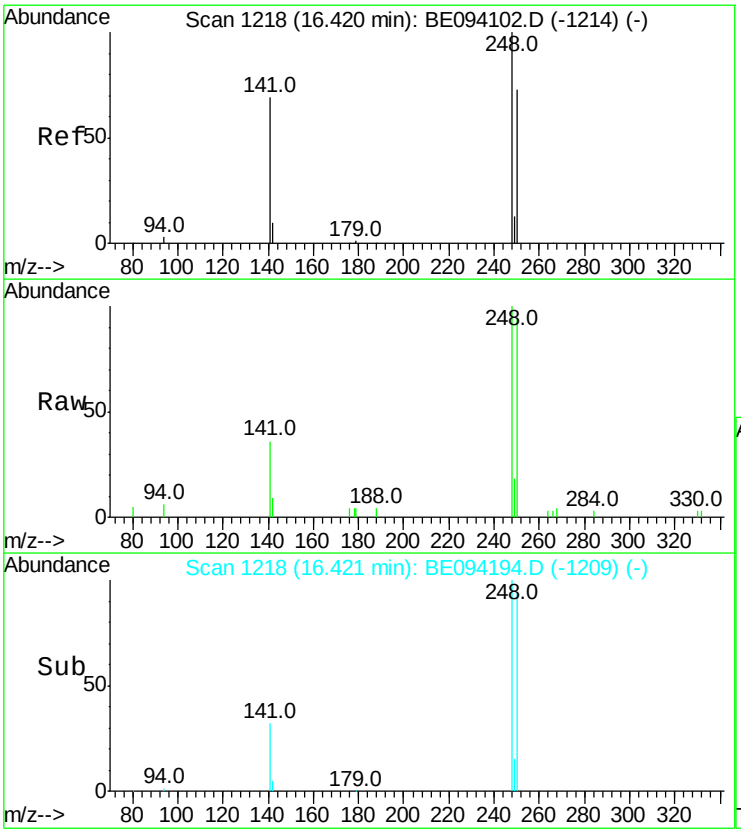
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9689

Ion	Ratio	Lower	Upper
188	100		
94	4.1	3.9	5.9
80	3.7	3.6	5.4

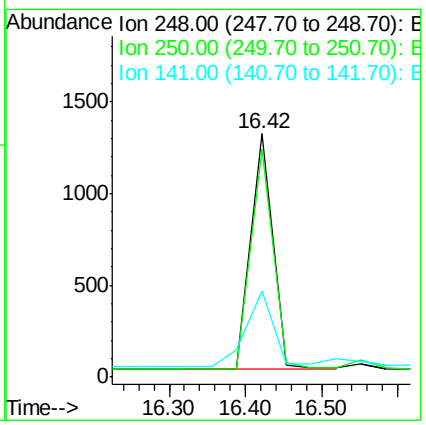


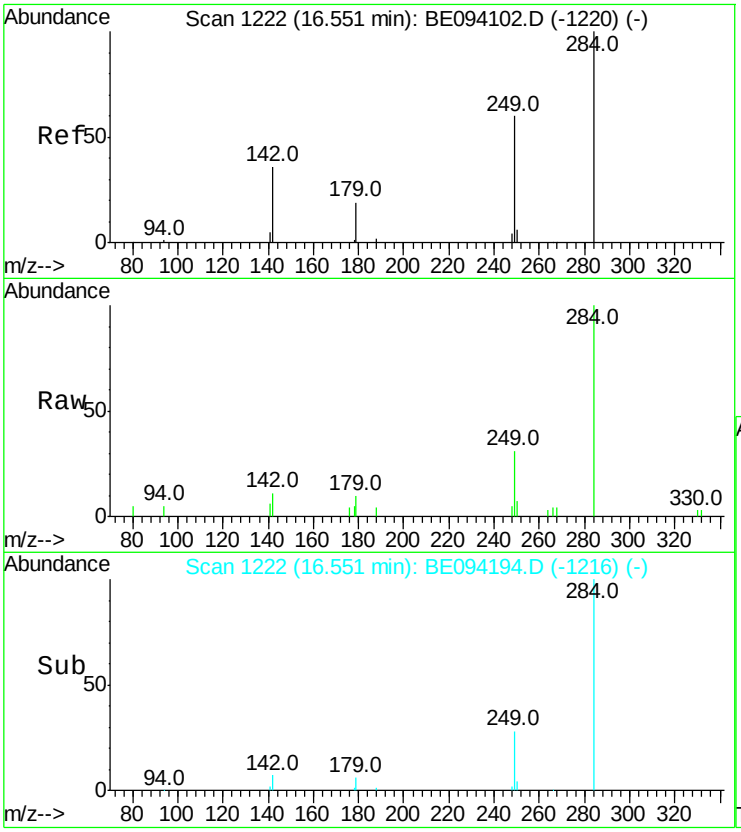


#20
4-Bromophenyl-phenylether
Concen: 0.462 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:248 Resp: 2578

Ion	Ratio	Lower	Upper
248	100		
250	94.0	62.7	94.1
141	35.6	48.2	72.2#



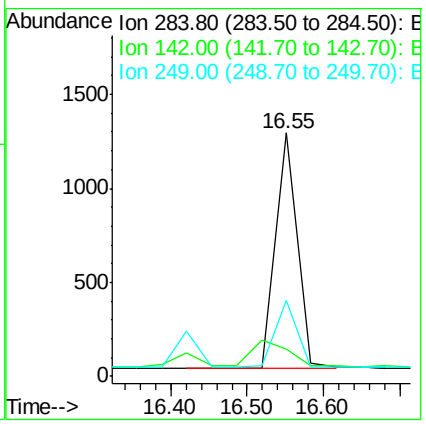


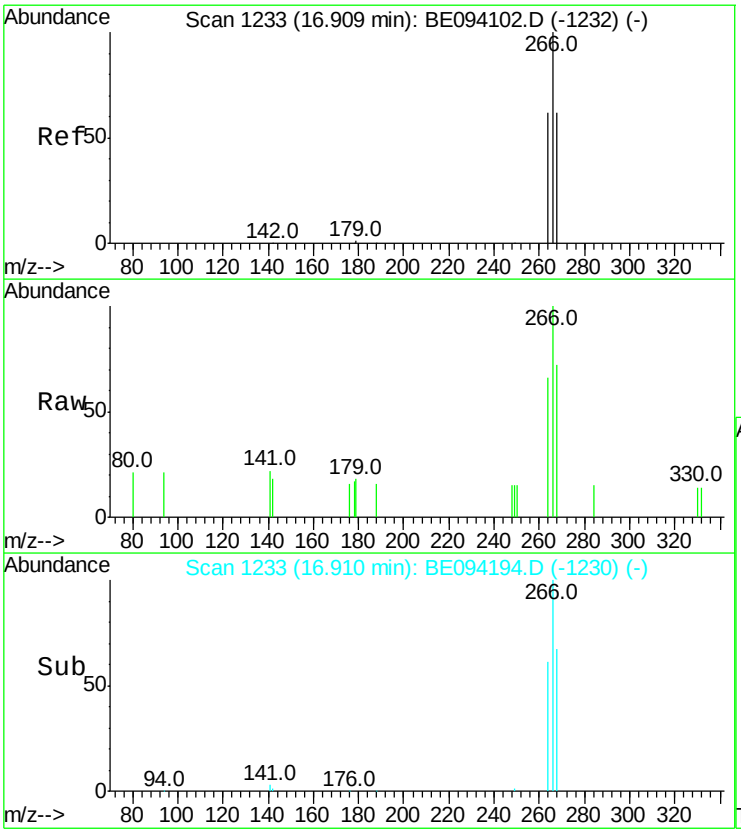
#21
Hexachlorobenzene
Concen: 0.501 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2511

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	28.6	34.8	52.2#

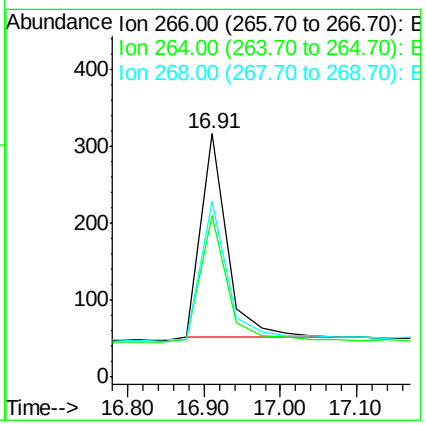


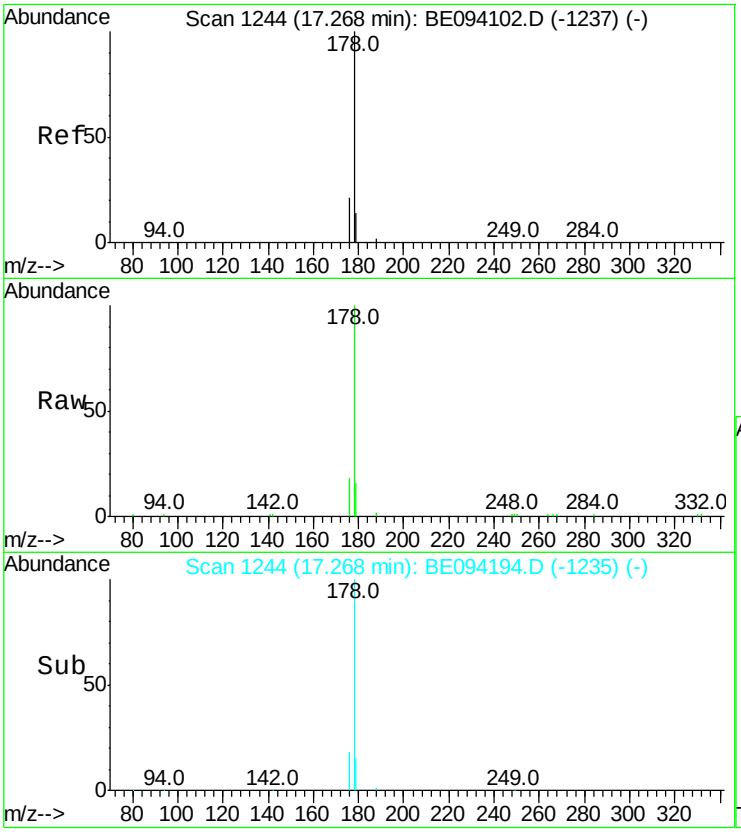


#22
Pentachlorophenol
Concen: 0.466 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:266 Resp: 634

Ion	Ratio	Lower	Upper
266	100		
264	66.2	72.5	108.7#
268	71.9	73.8	110.6#



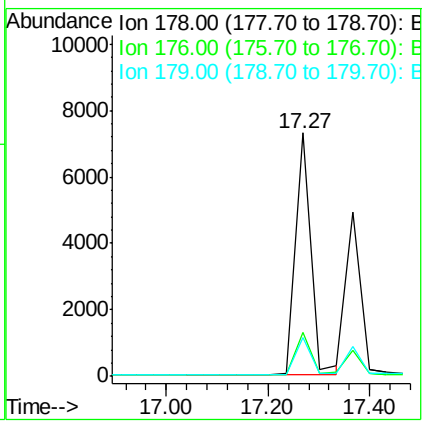


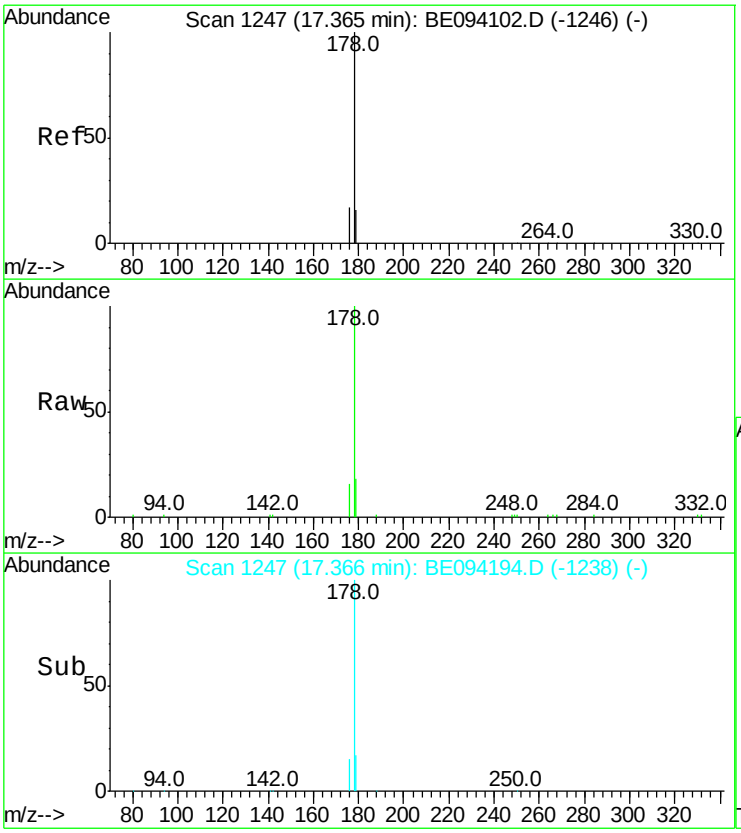
#23
Phenanthrene
Concen: 0.450 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 15096

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.5	11.8	17.6

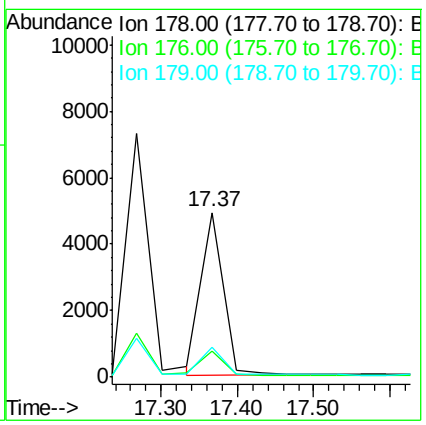


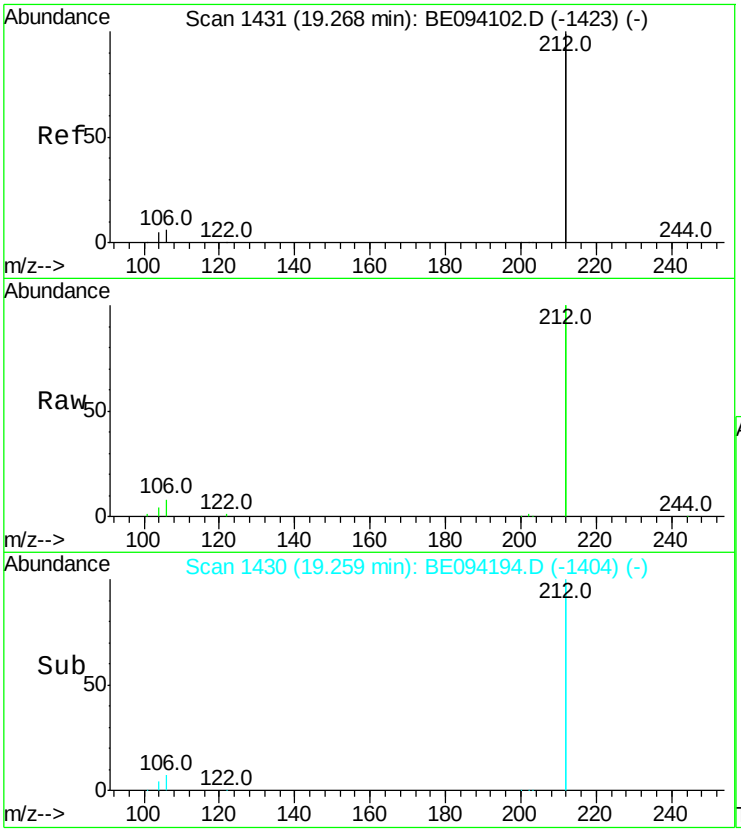


#24
Anthracene
Concen: 0.390 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:178 Resp: 9983

Ion	Ratio	Lower	Upper
178	100		
176	15.1	12.8	19.2
179	17.1	13.0	19.6



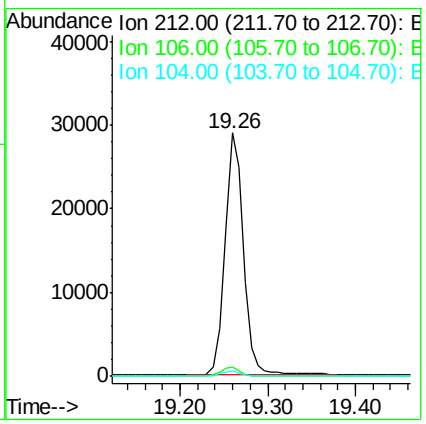


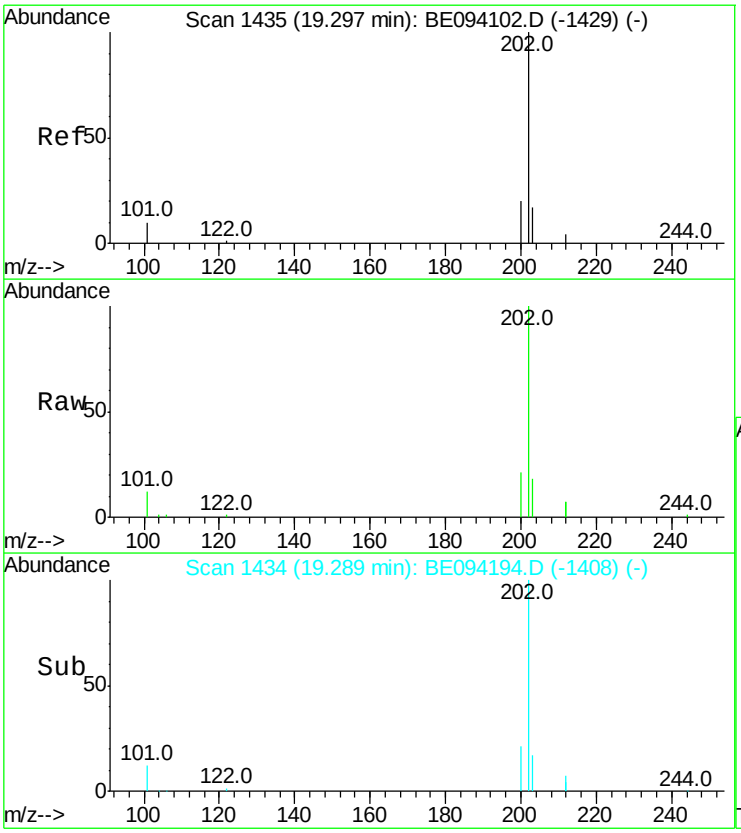
#25
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.26 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 42284

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

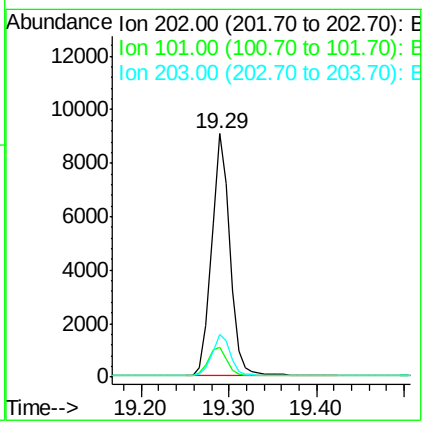


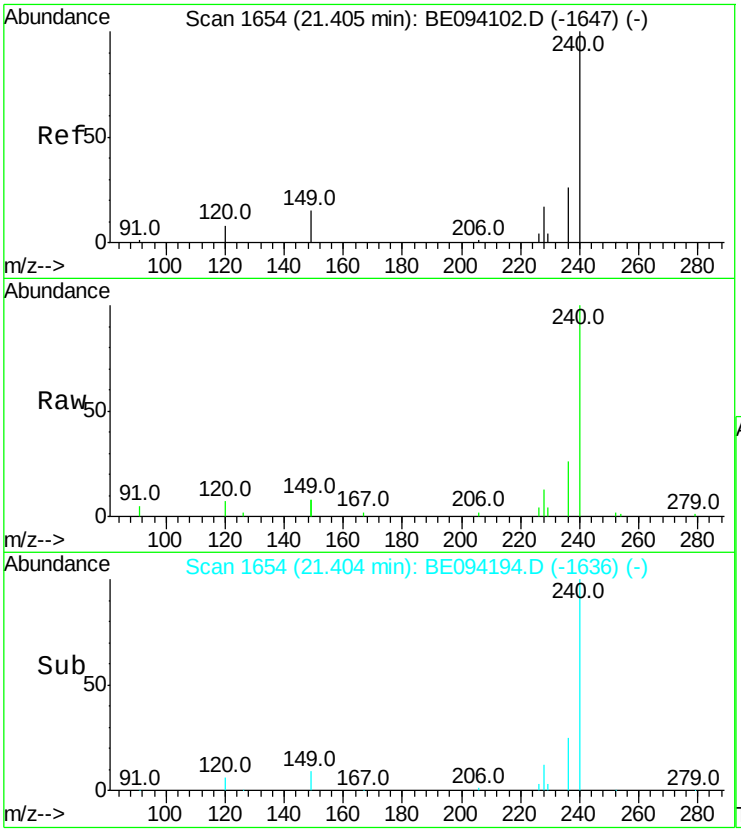


#26
Fluoranthene
Concen: 0.436 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:202 Resp: 12844

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.2	13.7	20.5



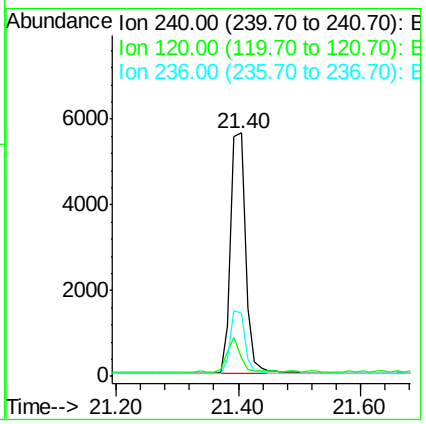


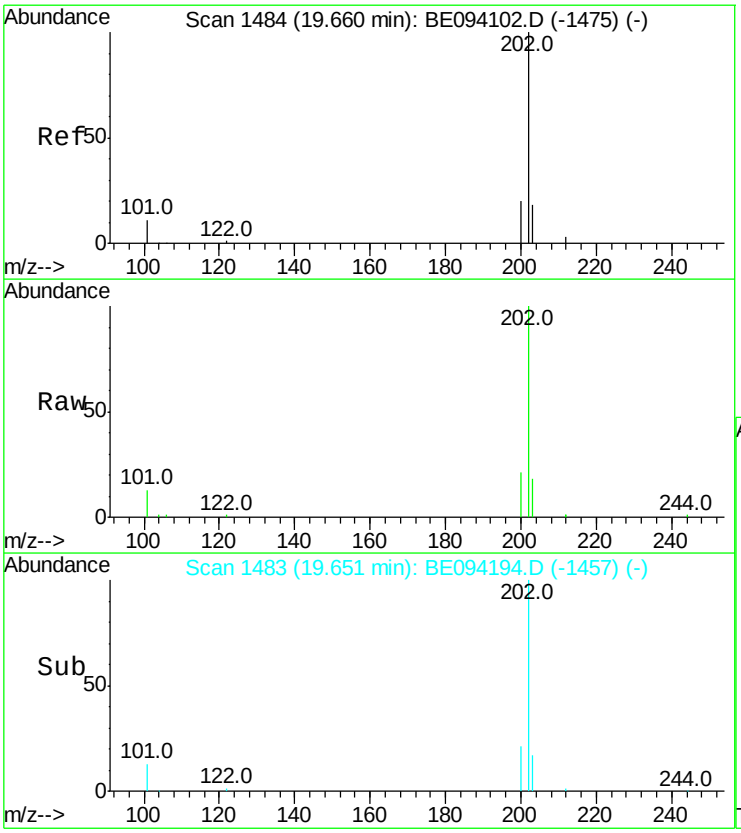
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9754

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.2	20.7	31.1

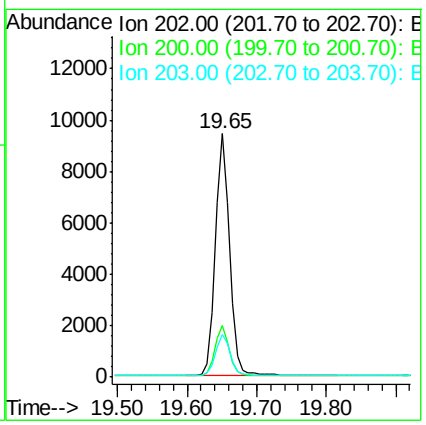


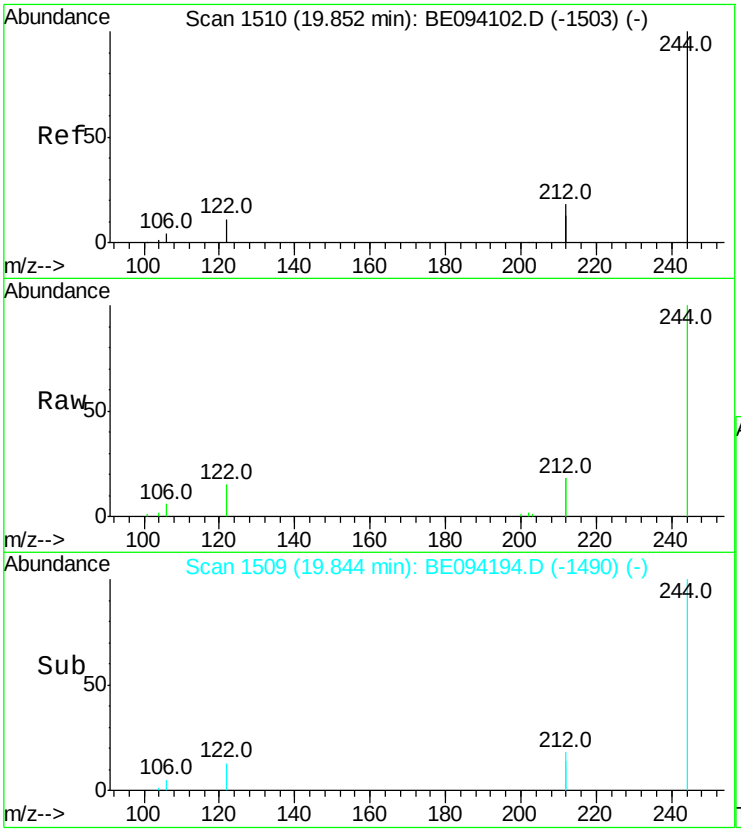


#28
Pyrene
Concen: 0.400 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:202 Resp: 13420

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.8	13.8	20.8



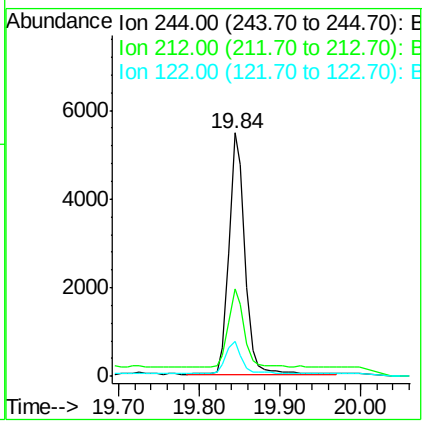


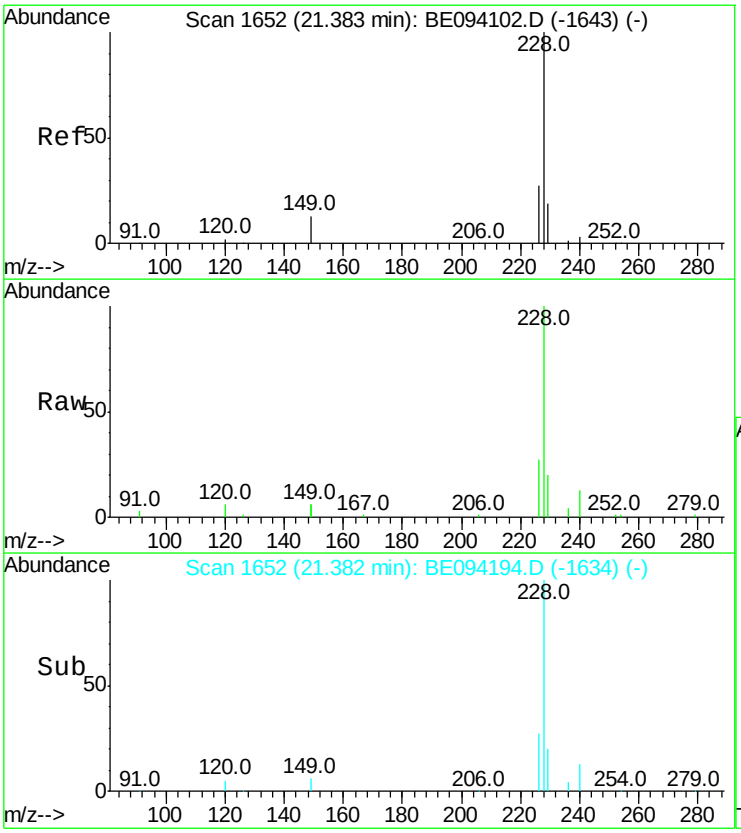
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.84 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7422

Ion	Ratio	Lower	Upper
244	100		
212	35.7	25.4	38.0
122	14.5	8.1	12.1#

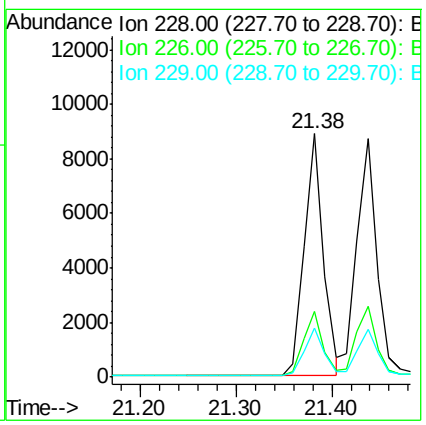


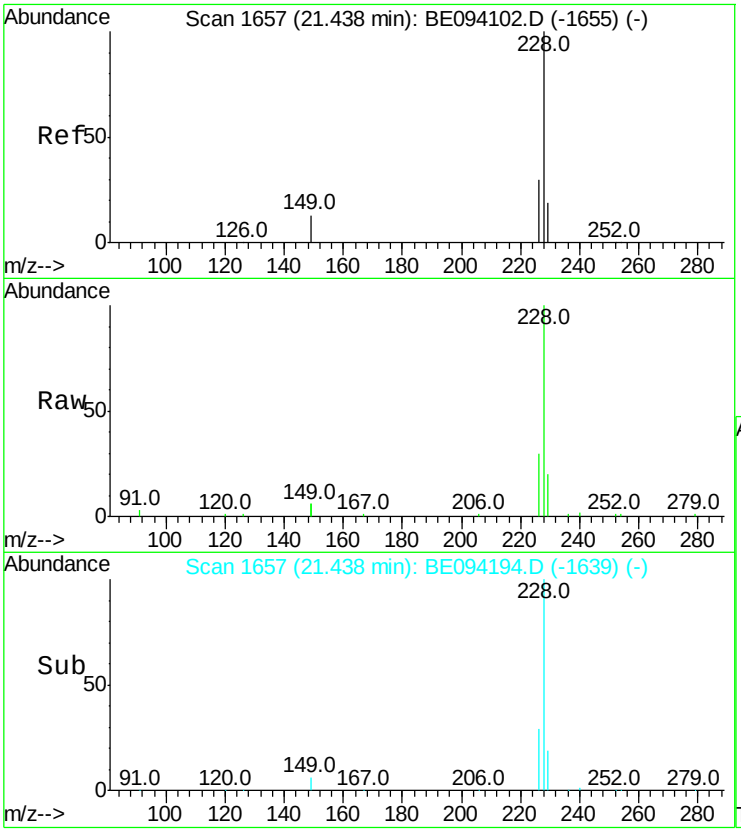


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:228 Resp: 12236

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.0
229	20.3	16.4	24.6



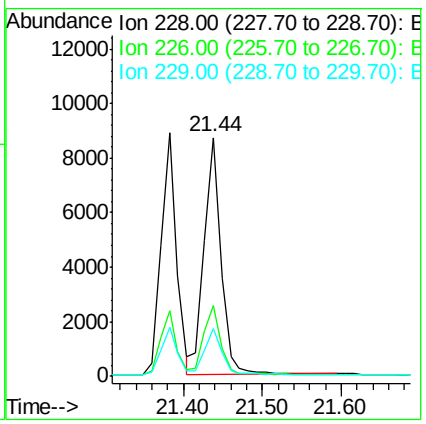


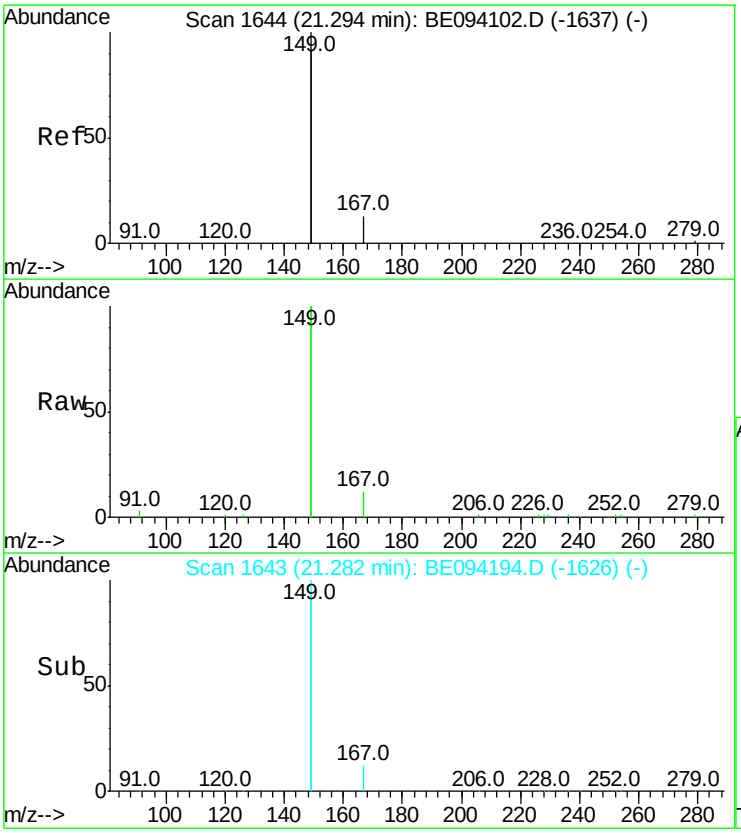
#31
Chrysene
Concen: 0.402 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12711

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.6	35.4
229	19.9	16.4	24.6

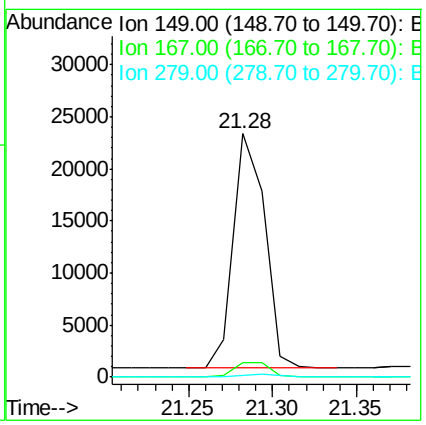


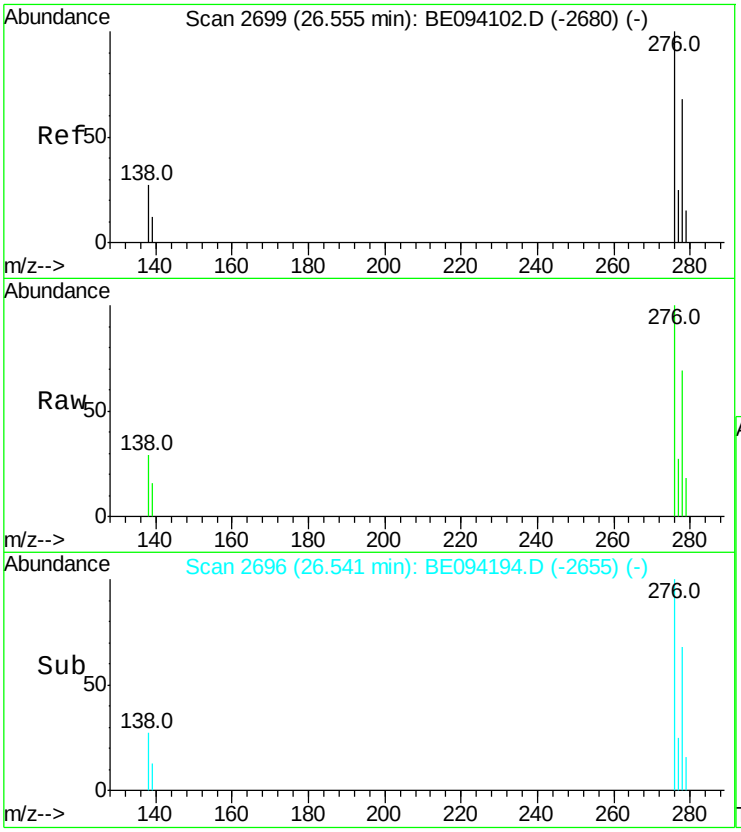


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.394 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:149 Resp: 29103

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



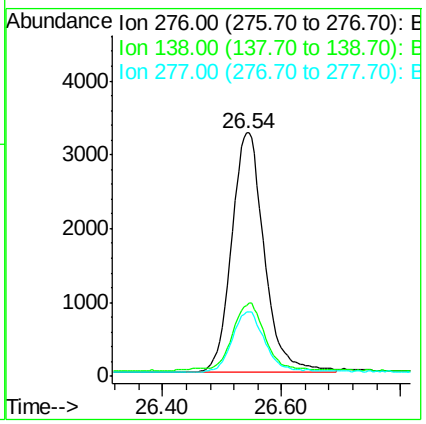


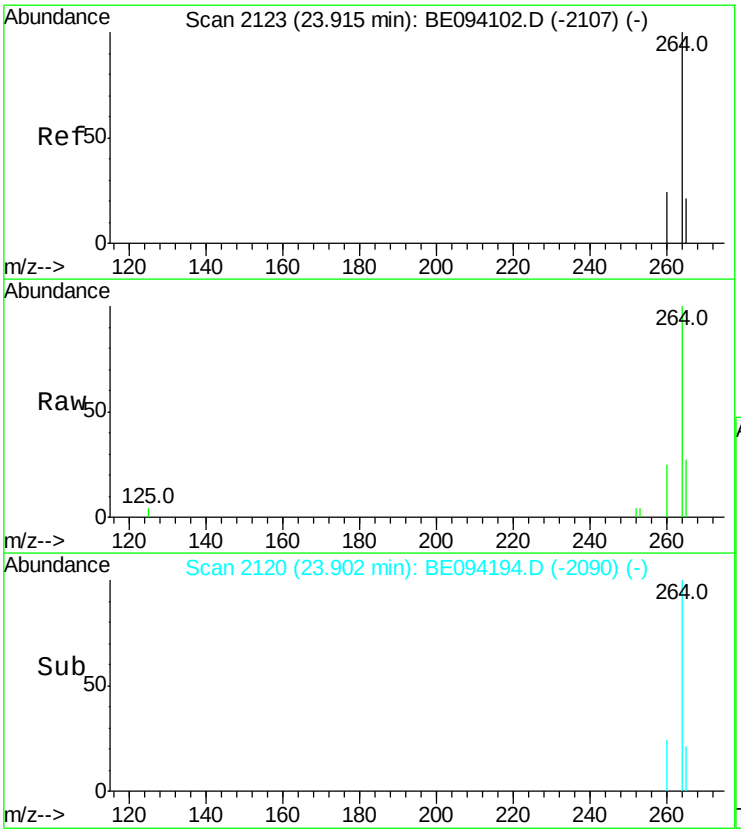
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.54 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12288

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.5	33.7
277	25.0	19.9	29.9

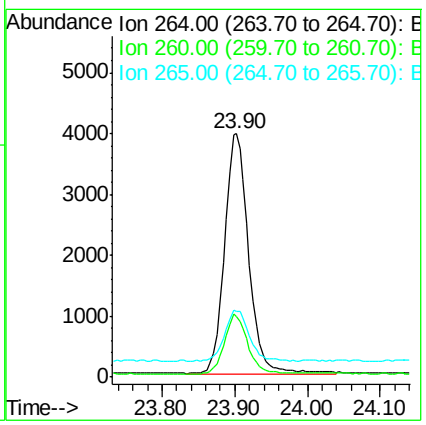


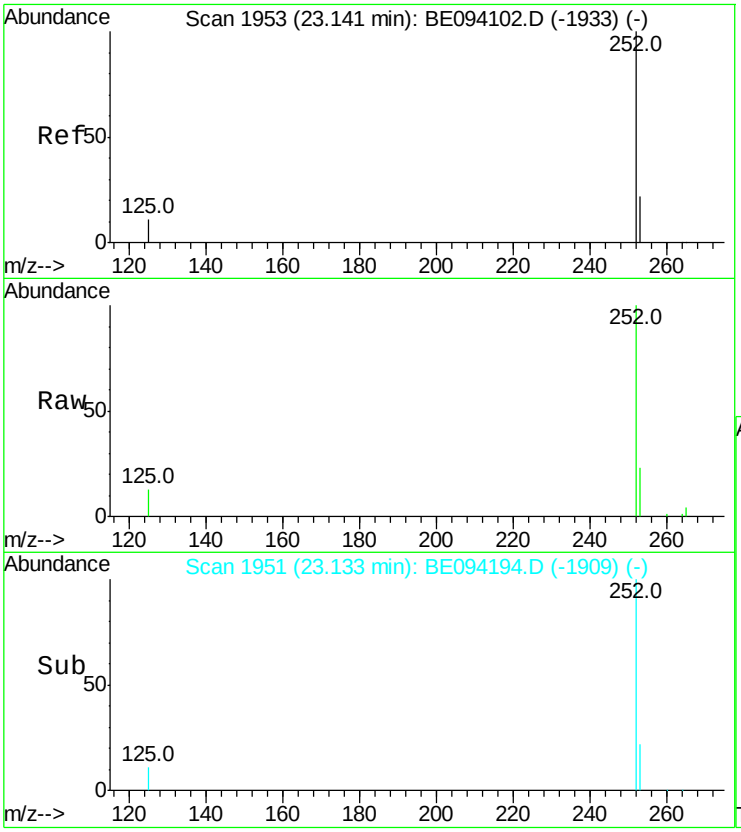


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:264 Resp: 9013

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	27.2	22.8	34.2



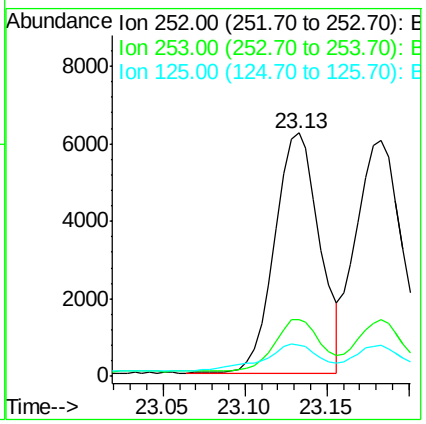


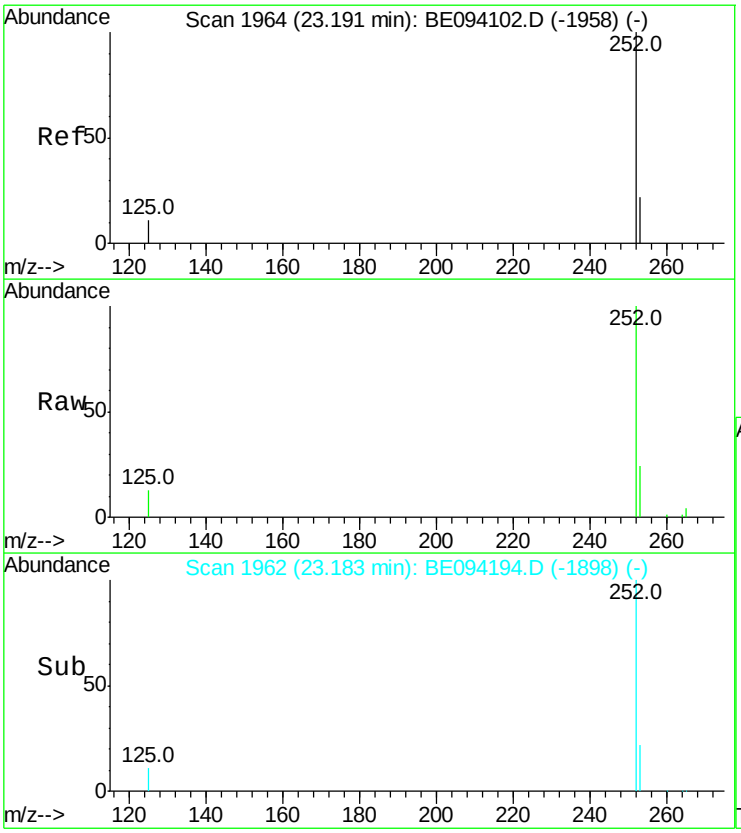
#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 23.13 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11806

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.8	10.1	15.1

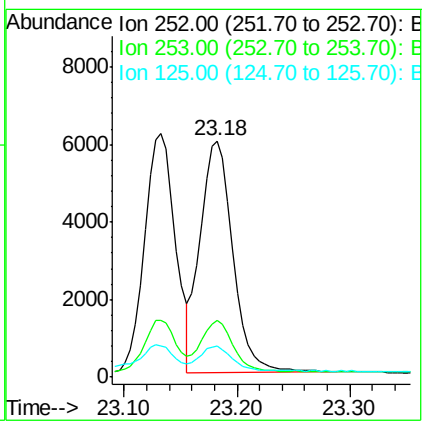


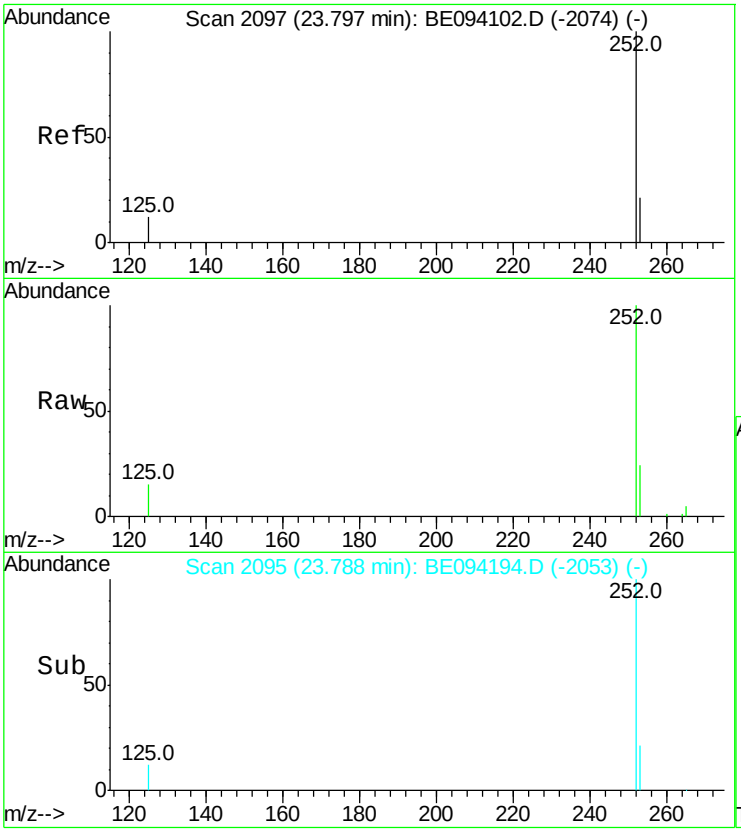


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:252 Resp: 12074

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	13.2	10.7	16.1



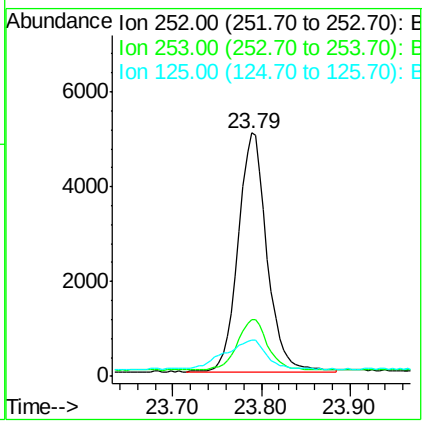


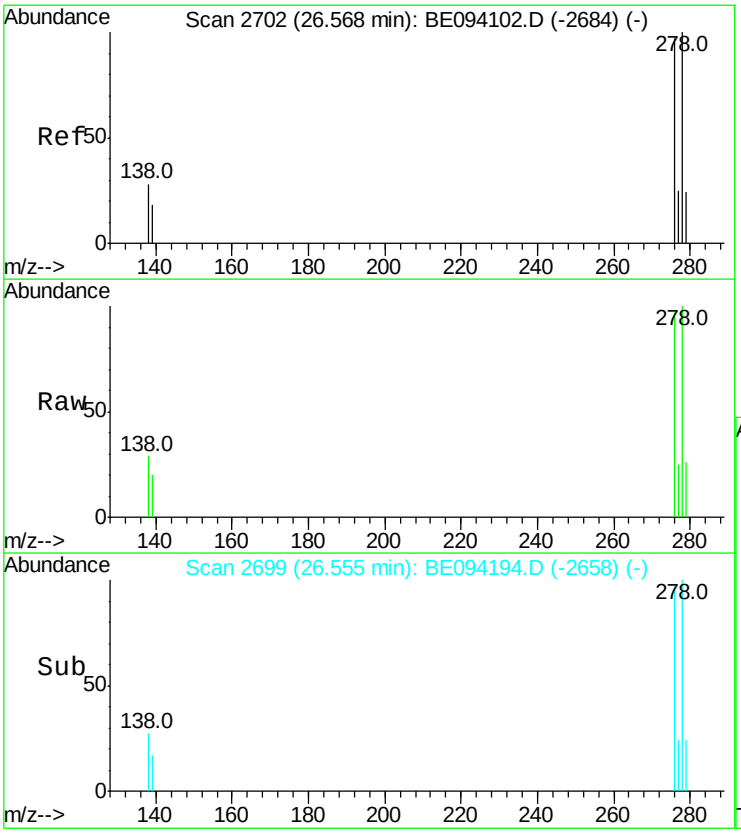
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.79 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11393

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	15.0	11.8	17.8

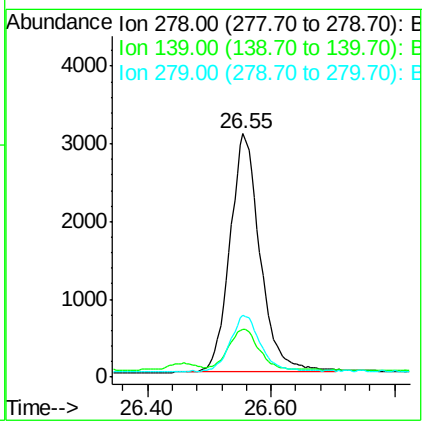


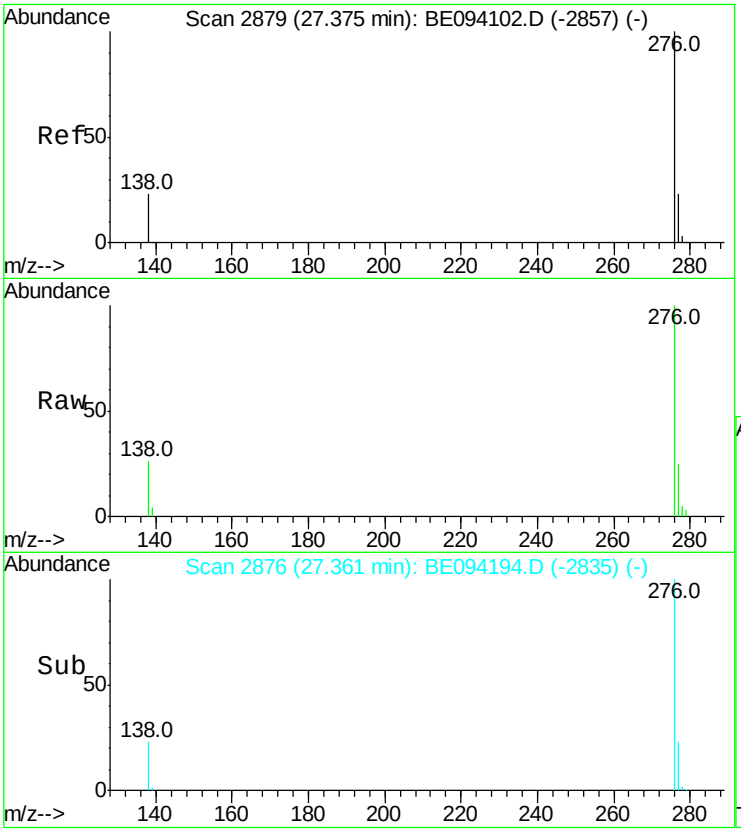


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.55 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Tgt Ion:278 Resp: 10433

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.3	24.5
279	25.6	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BE094194.D
Acq: 7 Oct 2017 00:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10596

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.8	31.2
138	25.6	21.5	32.3