Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
Data File : BE094416.D
Acq On : 16 Oct 2017 14:15
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Oct 16 14:47:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 13:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1394	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	7348	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4053	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	6291	0.40	ng		-0.03
27) Chrysene-d12	21.43	240	9458	0.40	ng		0.00
34) Perylene-d12	23.96	264	9186	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	14801	2.80	ng		0.00
5) Phenol-d6	7.11	99	23507	3.20	ng		-0.02
8) Nitrobenzene-d5	9.06	82	21202	2.98	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	35579	3.14	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	4716	1.82	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	45767	3.42	ng		0.00
25) Fluoranthene-d10	19.29	212	347941	5.71	ng		0.00
29) Terphenyl-d14	19.87	244	59524	3.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	6353	2.338	ng	#	84
3) n-Nitrosodimethylamine	3.74	42	8019	2.310	ng	#	91
6) bis(2-Chloroethyl)ether	7.32	93	17335	3.047	ng		98
9) Naphthalene	10.74	128	256811	3.095	ng		99
10) Hexachlorobutadiene	11.02	225	9930	3.193	ng		98
12) 2-Methylnaphthalene	12.36	142	42980	3.199	ng		98
16) Acenaphthylene	14.24	152	71126	3.501	ng		100
17) Acenaphthene	14.58	154	43421	3.420	ng		98
18) Fluorene	15.56	166	56636	3.287	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	11046	4.280	ng	#	3
21) Hexachlorobenzene	16.58	284	20618	12.657	ng	#	56
22) Pentachlorophenol	16.94	266	2042	1.368	ng	#	74
23) Phenanthrene	17.30	178	60636	3.767	ng	#	80
24) Anthracene	17.30	178	60636	3.591	ng	#	81
26) Fluoranthene	19.31	202	104750	5.808	ng		99
28) Pyrene	19.67	202	109692	3.660	ng		100
30) Benzo(a)anthracene	21.40	228	100672	3.161	ng	#	63
31) Chrysene	21.46	228	97055	3.158	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.29	149	268896	1.764	ng		100
33) Indeno(1,2,3-cd)pyrene	26.66	276	100240	3.048	ng		99
35) Benzo(b)fluoranthene	23.18	252	95423	2.879	ng	#	39
36) Benzo(k)fluoranthene	23.23	252	93433	2.944	ng	#	39
37) Benzo(a)pyrene	23.85	252	90681	3.028	ng	#	33
38) Dibenzo(a,h)anthracene	26.66	278	86461	3.049	ng	#	43
39) Benzo(g,h,i)perylene	27.50	276	82994	2.956	ng	#	53

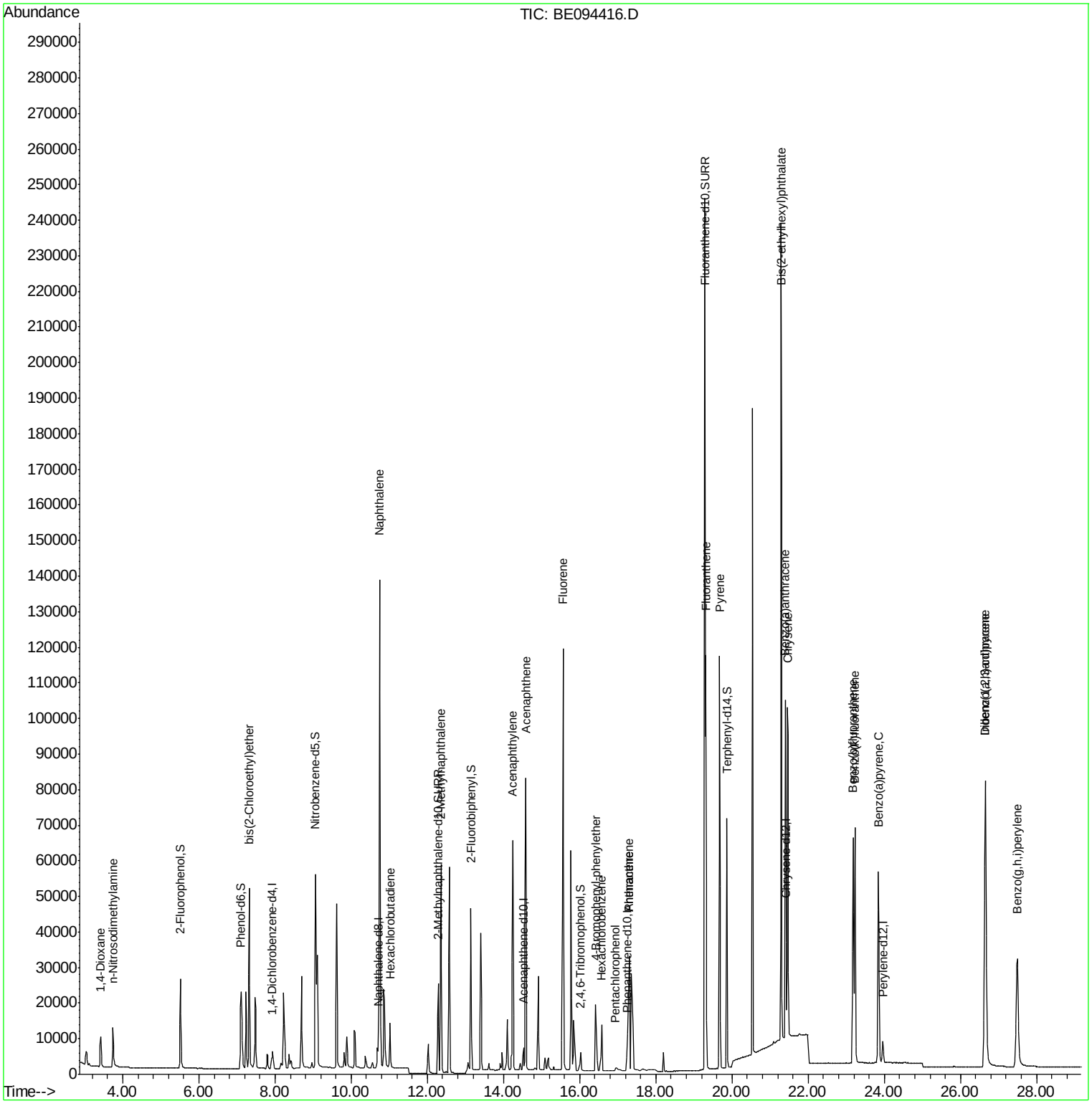
(#) = qualifier out of range (m) = manual integration (+) = signals summed

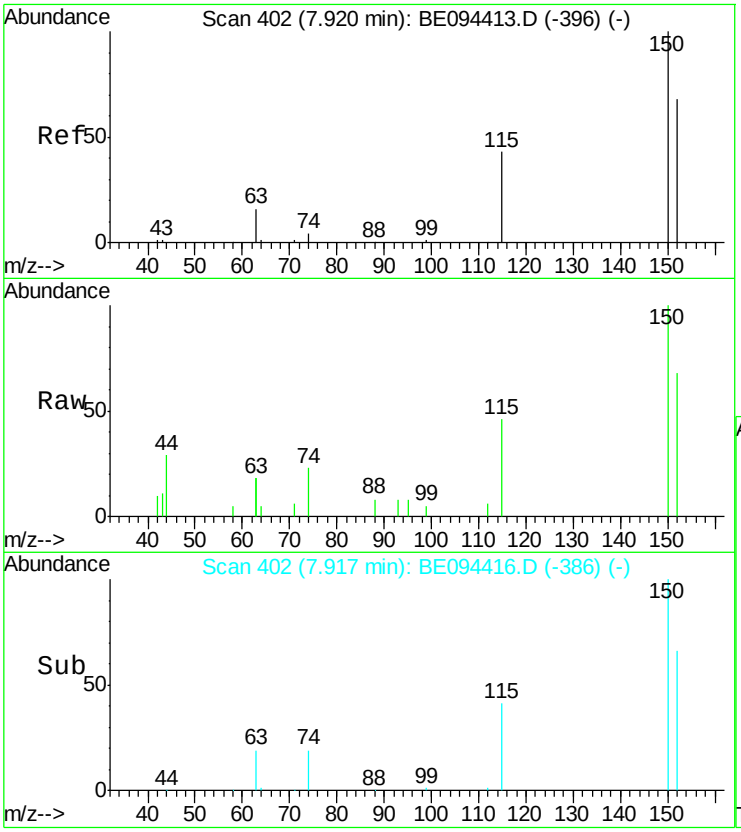
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
Data File : BE094416.D
Acq On : 16 Oct 2017 14:15
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 16 14:47:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 13:38:25 2017
Response via : Initial Calibration



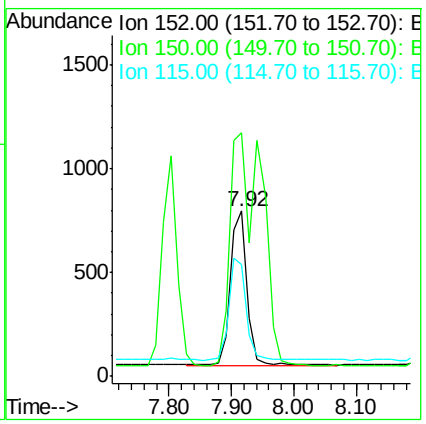


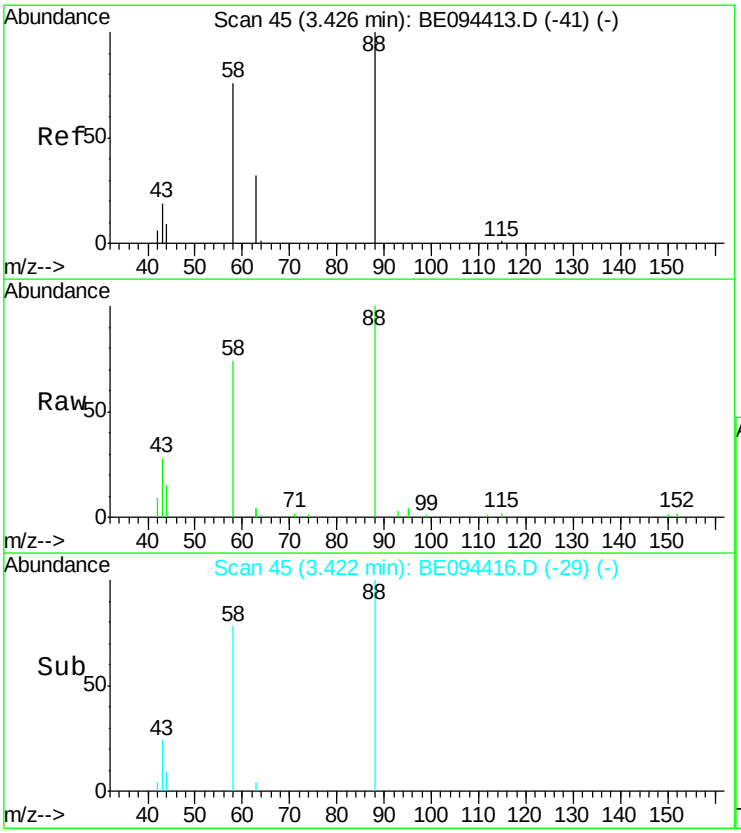
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1394

Ion	Ratio	Lower	Upper
152	100		
150	147.6	117.2	175.8
115	68.1	57.0	85.6

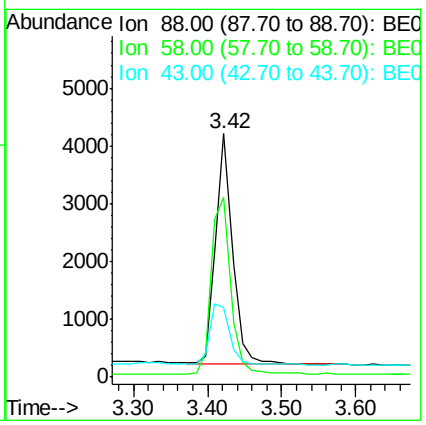


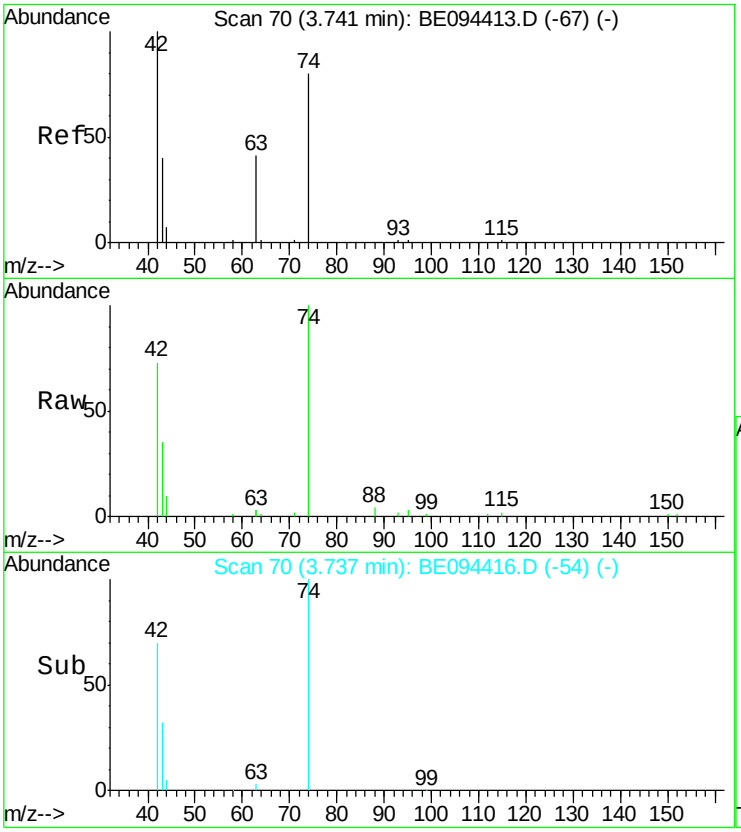


#2
1,4-Dioxane
Concen: 2.338 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion: 88 Resp: 6353

Ion	Ratio	Lower	Upper
88	100		
58	87.0	63.2	94.8
43	32.4	41.2	61.8#



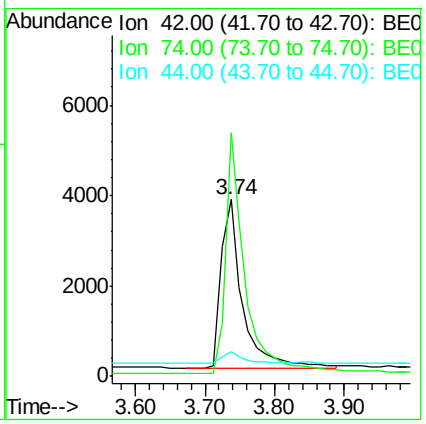


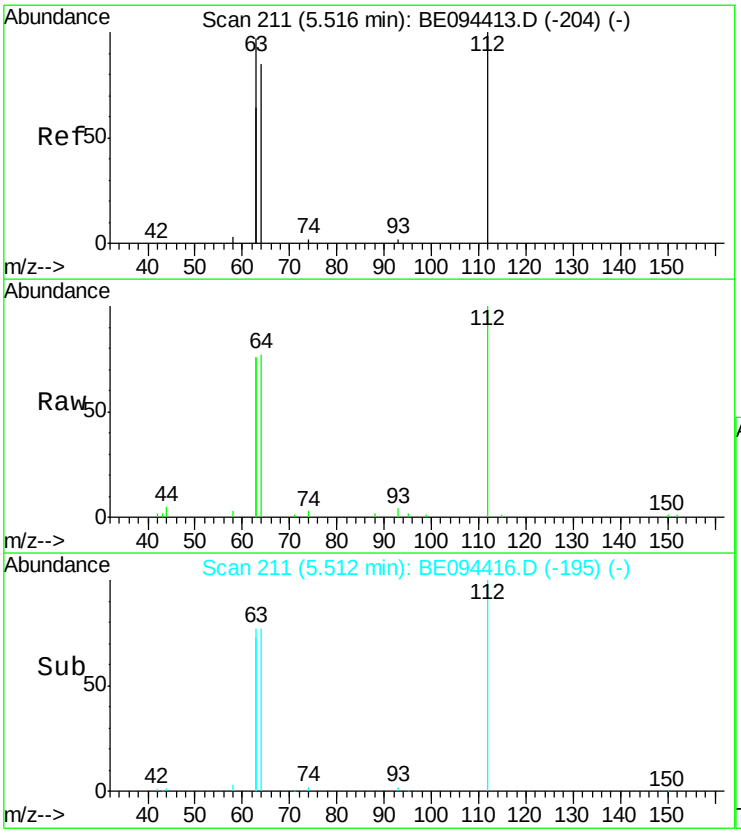
#3
n-Nitrosodimethylamine
Concen: 2.310 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 8019

Ion	Ratio	Lower	Upper
42	100		
74	131.5	100.3	150.5
44	6.7	17.0	25.4#

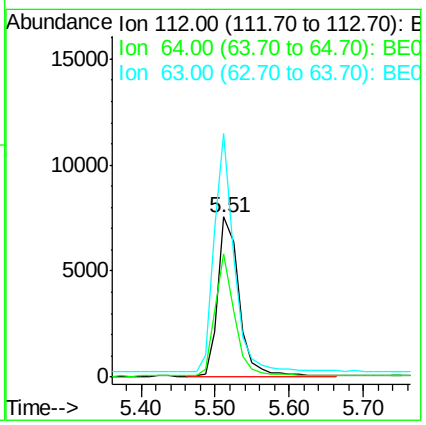


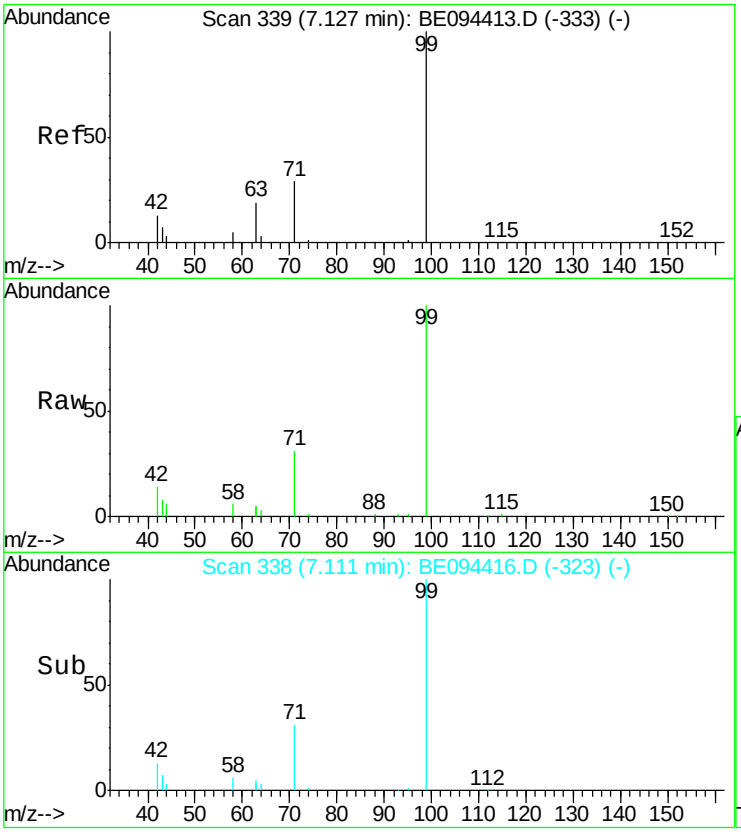


#4
2-Fluorophenol
Concen: 2.801 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:112 Resp: 14801

Ion	Ratio	Lower	Upper
112	100		
64	71.6	60.1	90.1
63	140.2	116.8	175.2



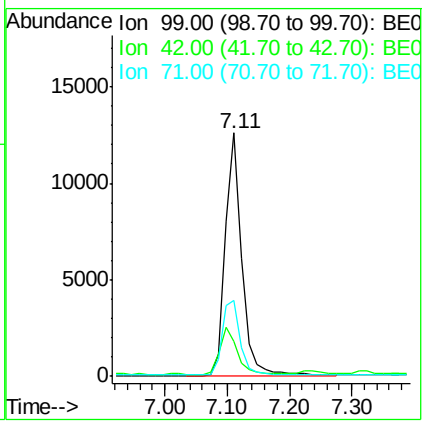


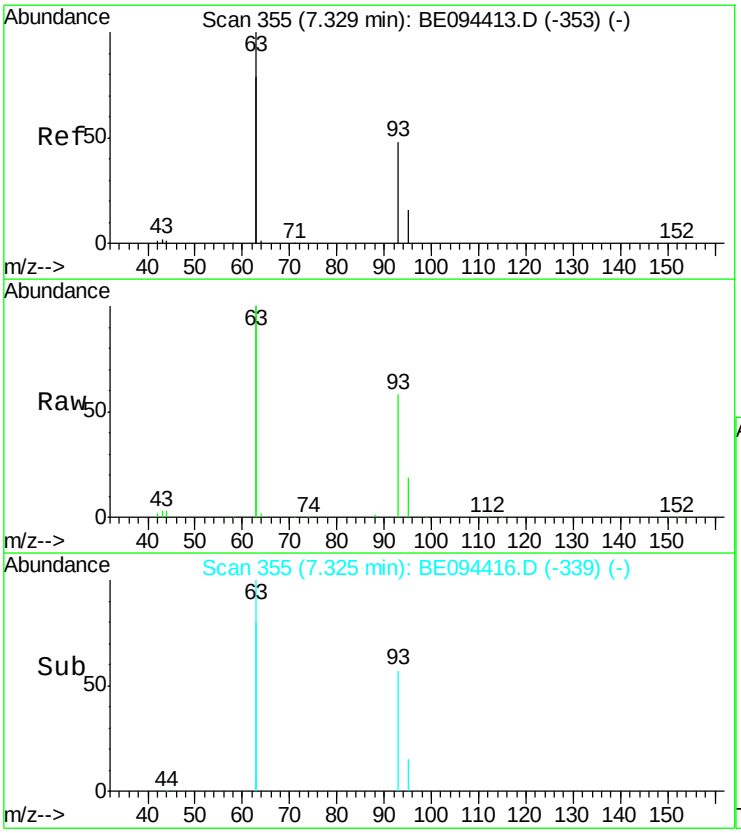
#5
Phenol-d6
Concen: 3.202 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.02 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 23507

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.2	30.2#
71	34.2	28.4	42.6

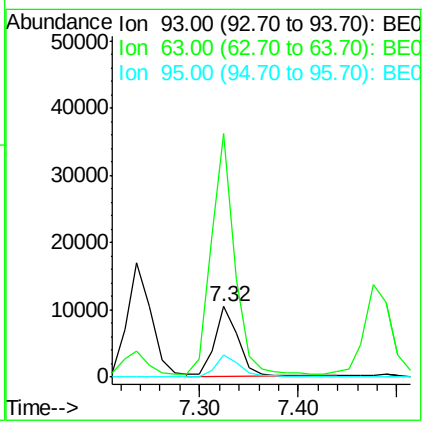


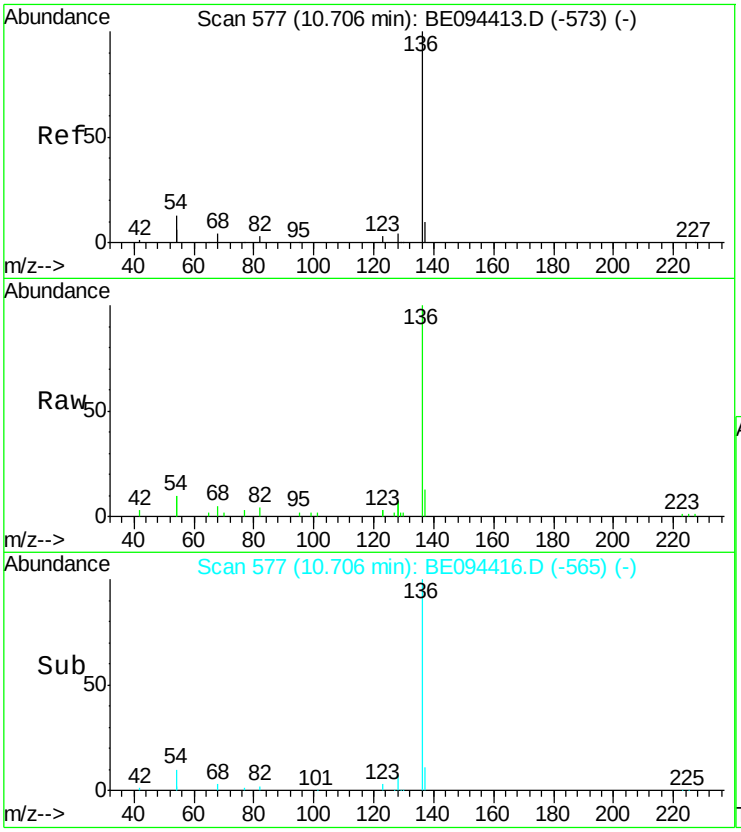


#6
bis(2-Chloroethyl)ether
Concen: 3.047 ng
RT: 7.32 min Scan# 355
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion: 93 Resp: 17335

Ion	Ratio	Lower	Upper
93	100		
63	339.9	275.3	412.9
95	31.4	25.2	37.8



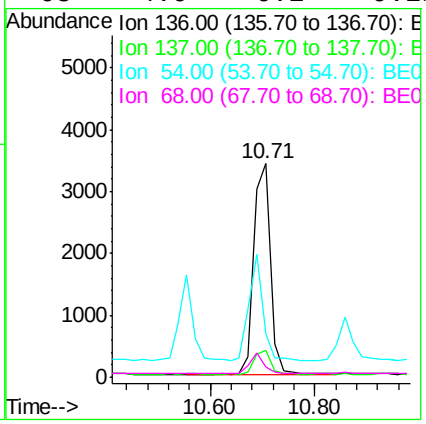


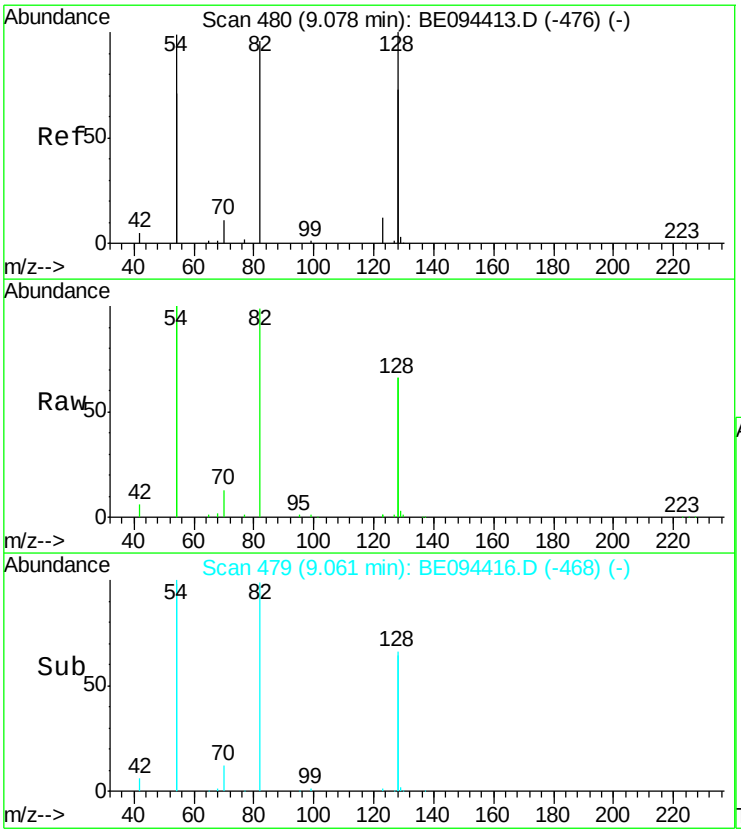
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 7348

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	20.5	29.1	43.7#
68	4.9	6.2	9.2#

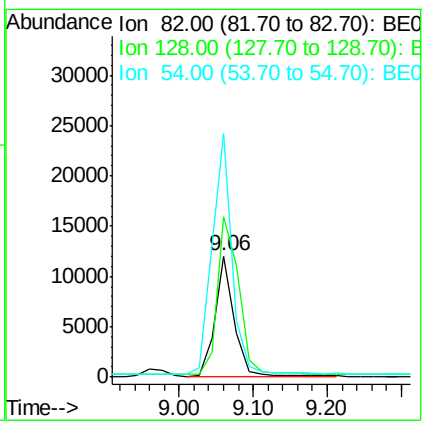


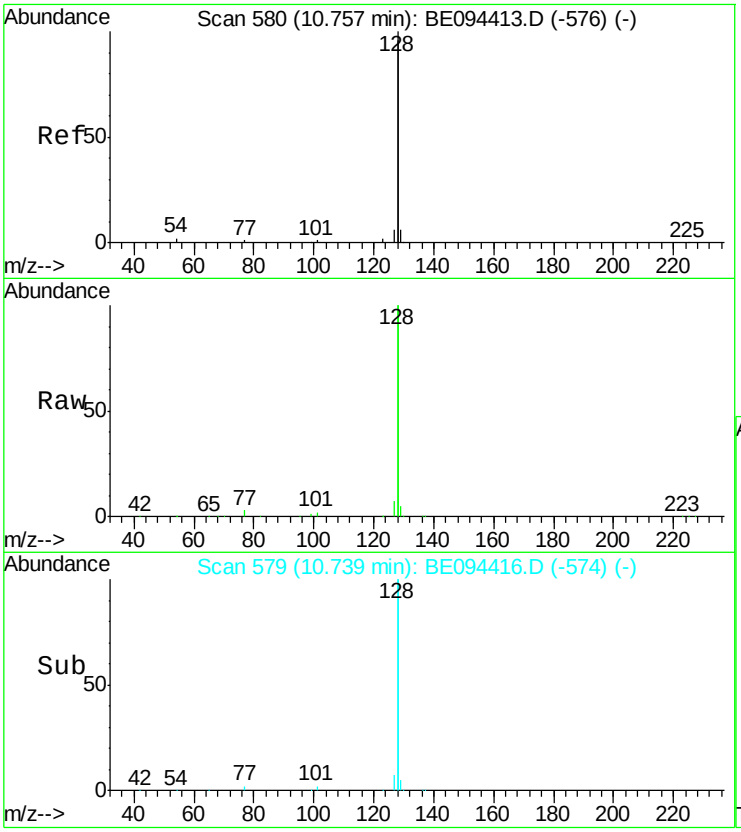


#8
Nitrobenzene-d5
Concen: 2.982 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion: 82 Resp: 21202

Ion	Ratio	Lower	Upper
82	100		
128	133.2	150.0	225.0#
54	201.5	154.2	231.4



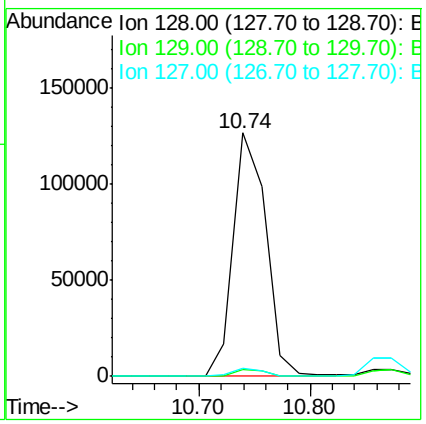


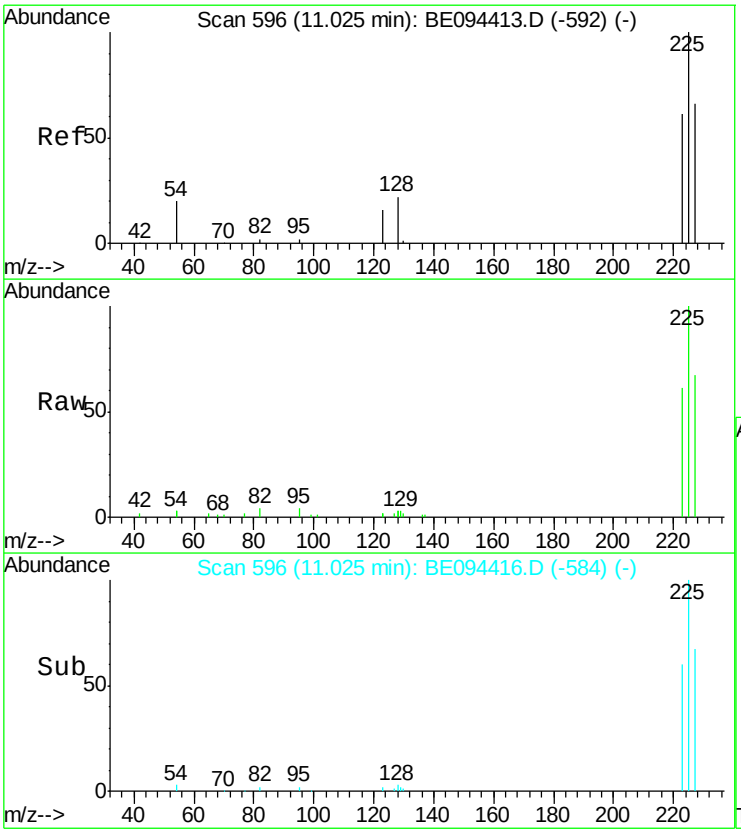
#9
Naphthalene
Concen: 3.095 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 256811

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.4	2.8	4.2

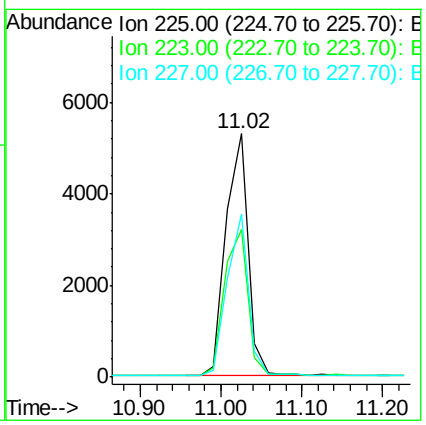


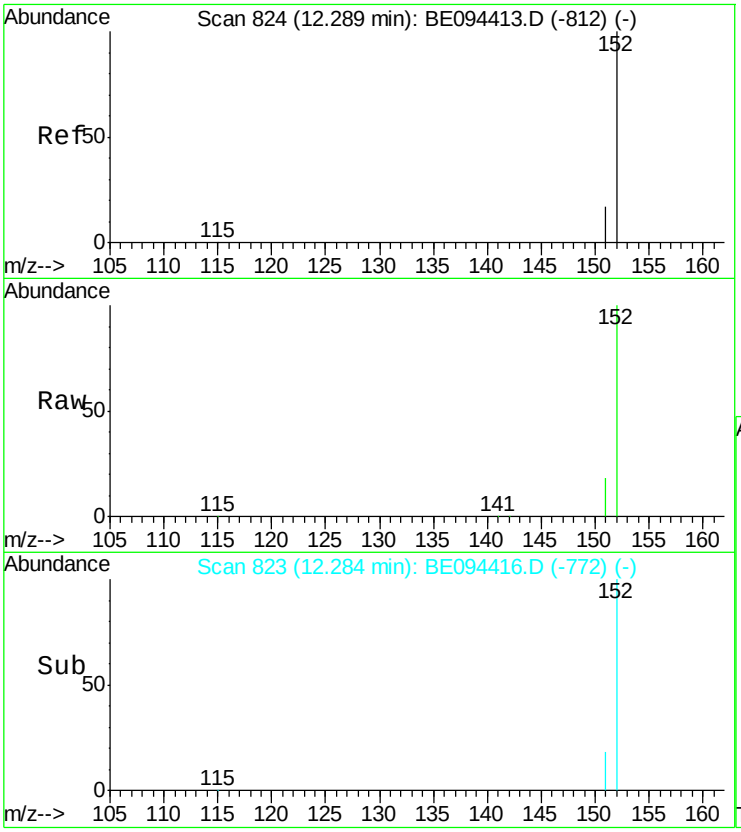


#10
Hexachlorobutadiene
Concen: 3.193 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:225 Resp: 9930

Ion	Ratio	Lower	Upper
225	100		
223	63.2	53.0	79.6
227	64.1	51.4	77.2



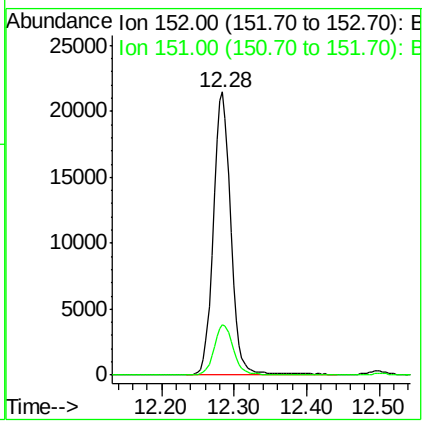


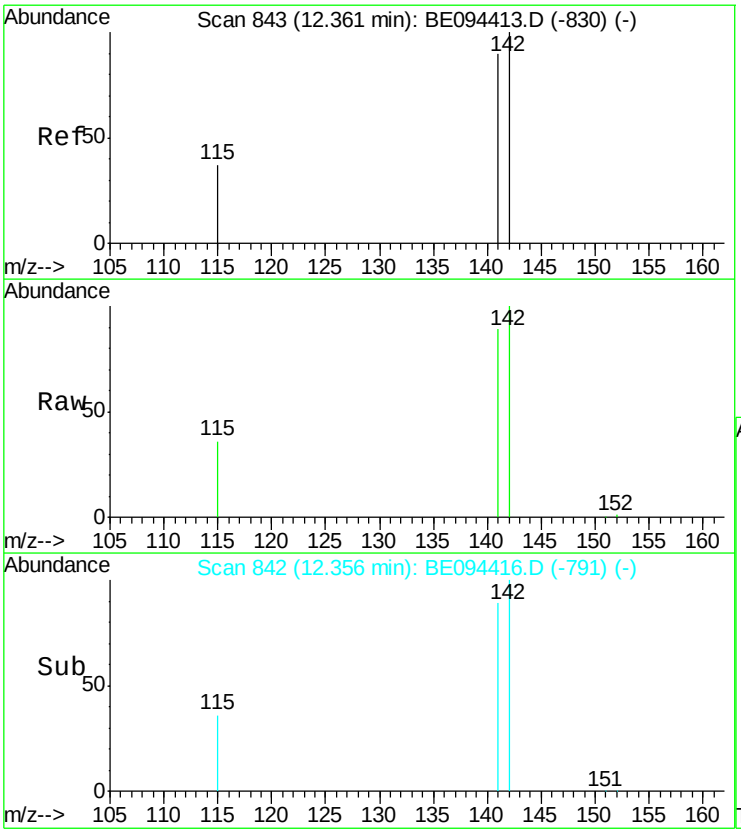
#11
2-Methylnaphthalene-d10
Concen: 3.142 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 35579

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

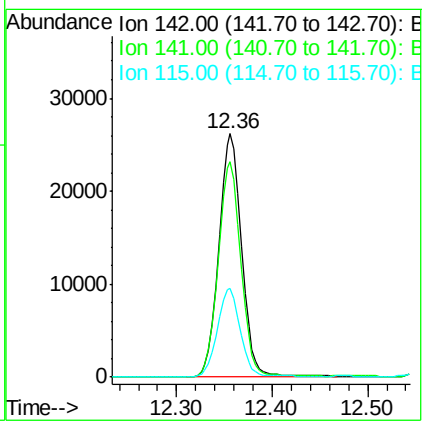


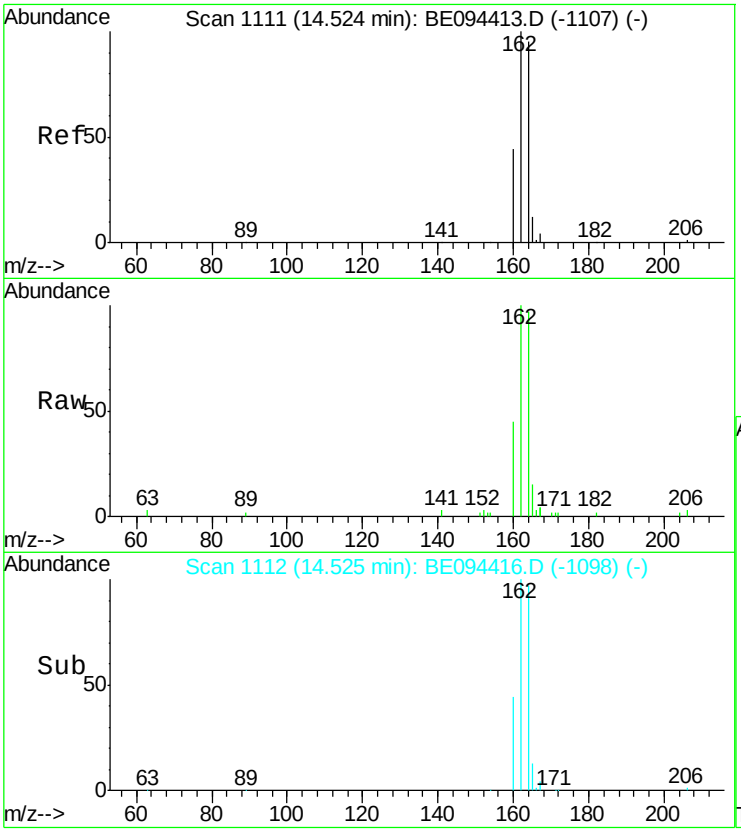


#12
2-Methylnaphthalene
Concen: 3.199 ng
RT: 12.36 min Scan# 842
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:142 Resp: 42980

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	36.3	31.7	47.5



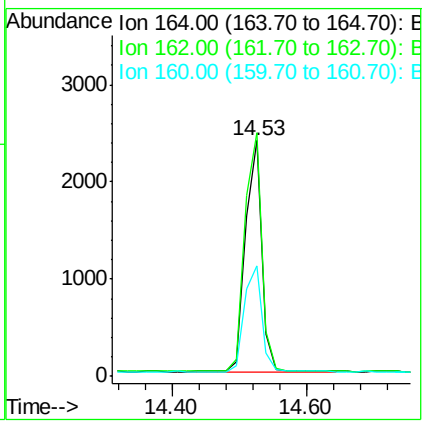


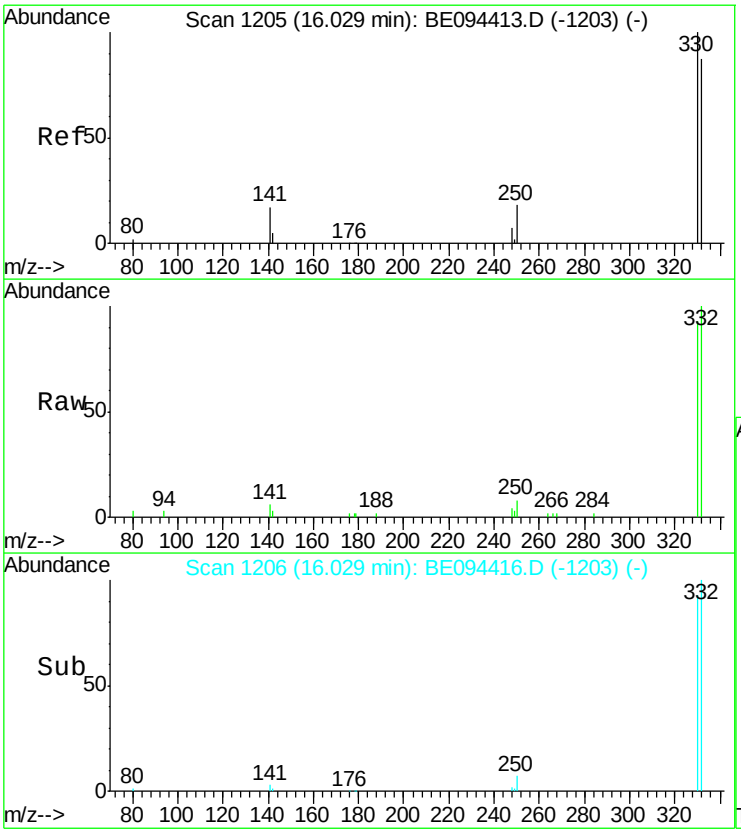
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 4053

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	46.8	37.1	55.7

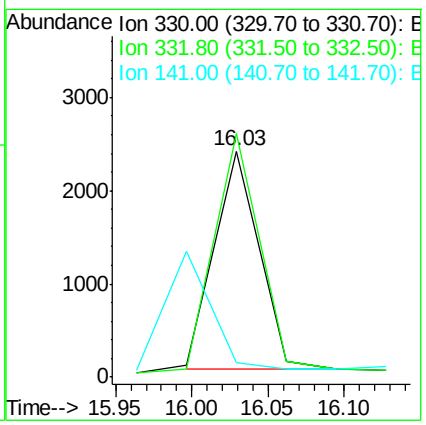


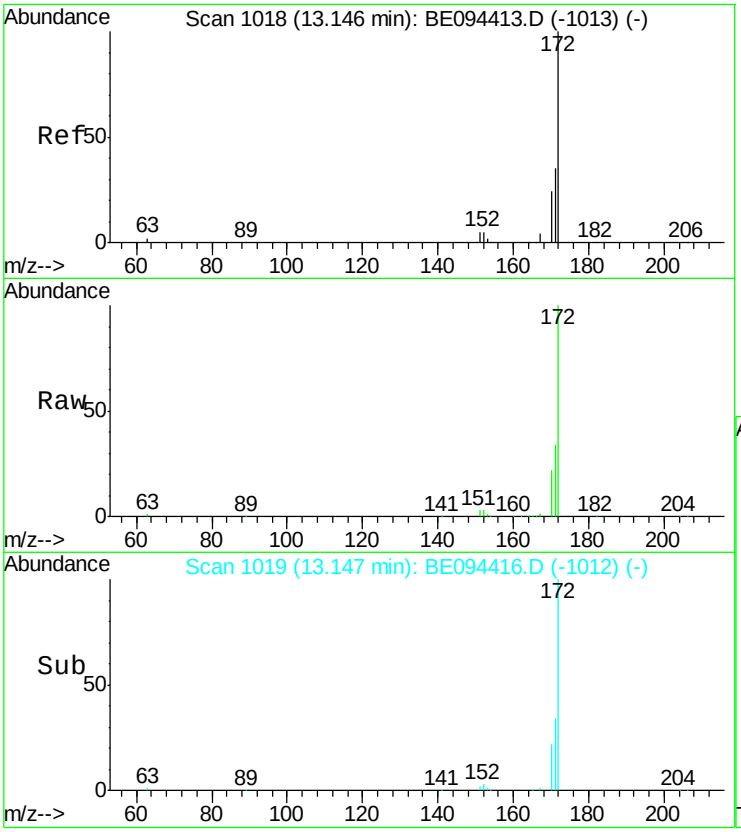


#14
2,4,6-Tribromophenol
Concen: 1.817 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:330 Resp: 4716

Ion	Ratio	Lower	Upper
330	100		
332	108.0	152.7	229.1#
141	0.0	33.7	50.5#



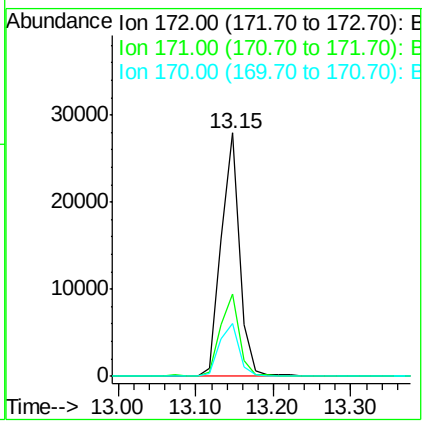


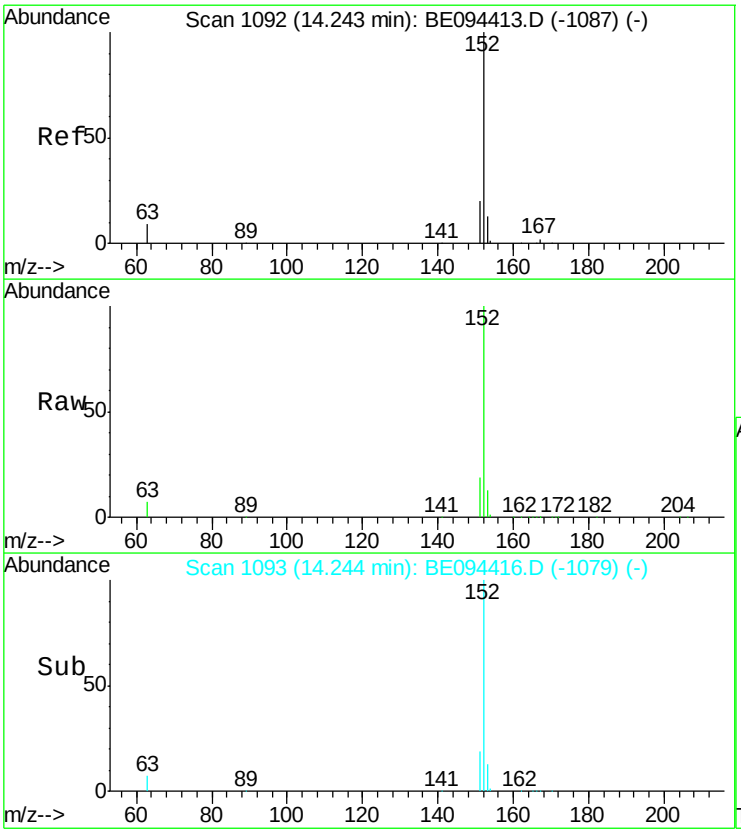
#15
2-Fluorobiphenyl
Concen: 3.418 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 45767

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	21.7	21.8	32.8#

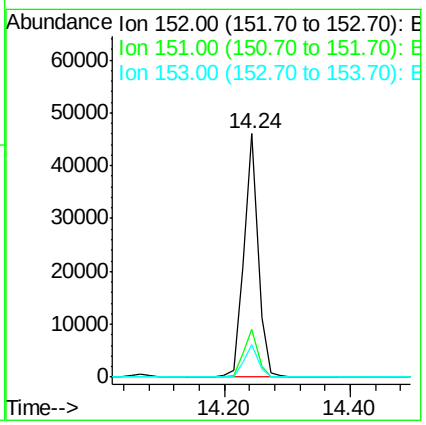


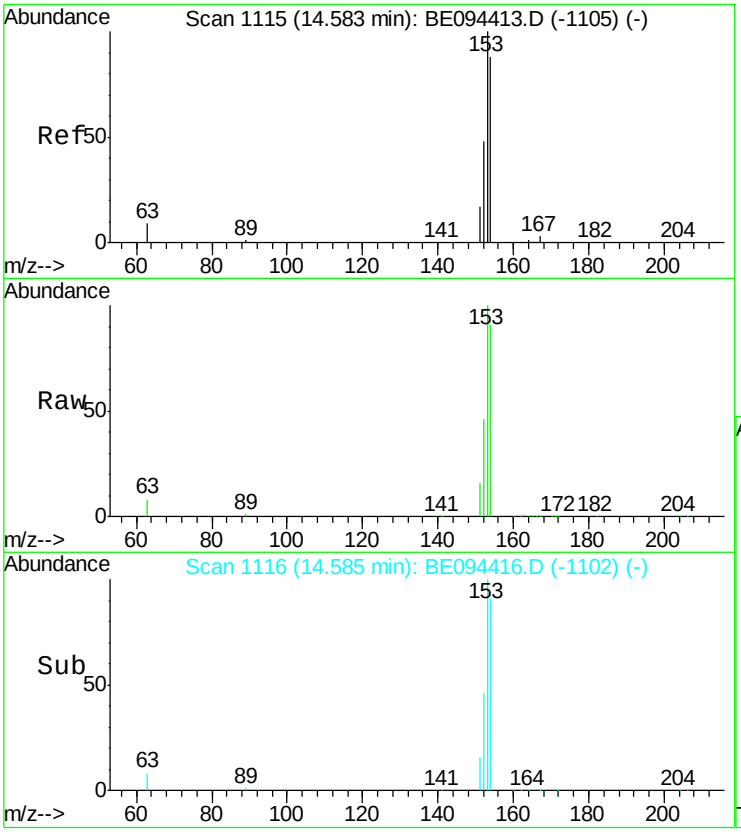


#16
Acenaphthylene
Concen: 3.501 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:152 Resp: 71126

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.5	15.7



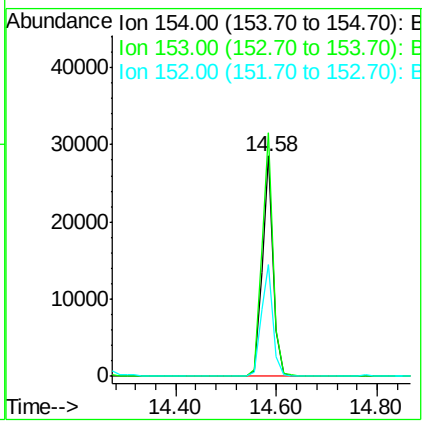


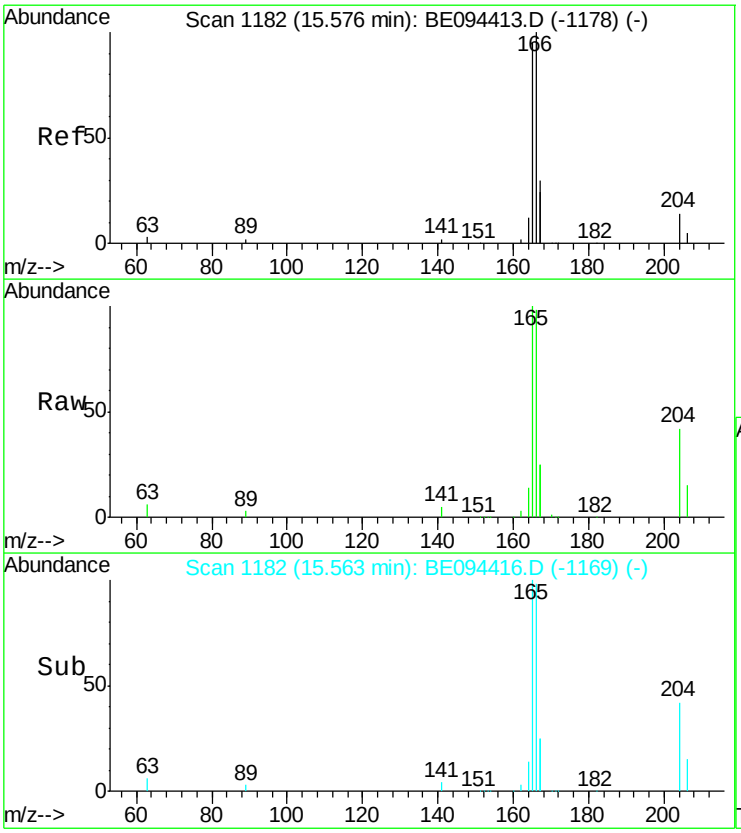
#17
Acenaphthene
Concen: 3.420 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 43421

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	53.7	42.0	63.0

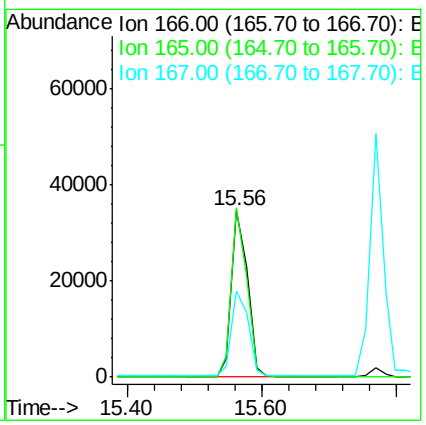


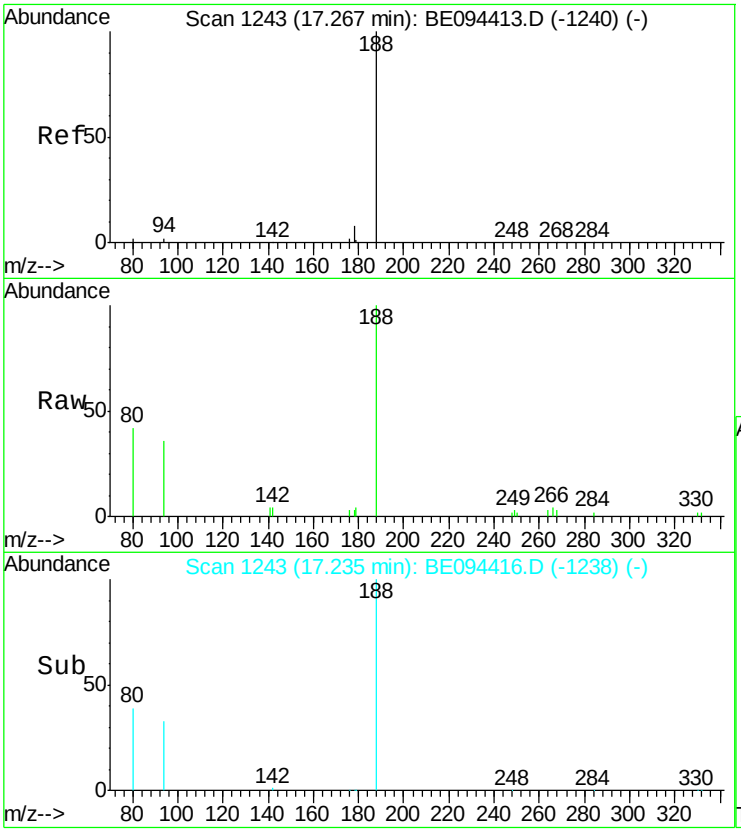


#18
Fluorene
Concen: 3.287 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:166 Resp: 56636

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	53.4	42.4	63.6



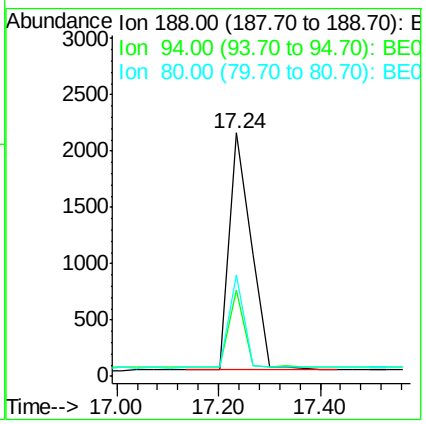


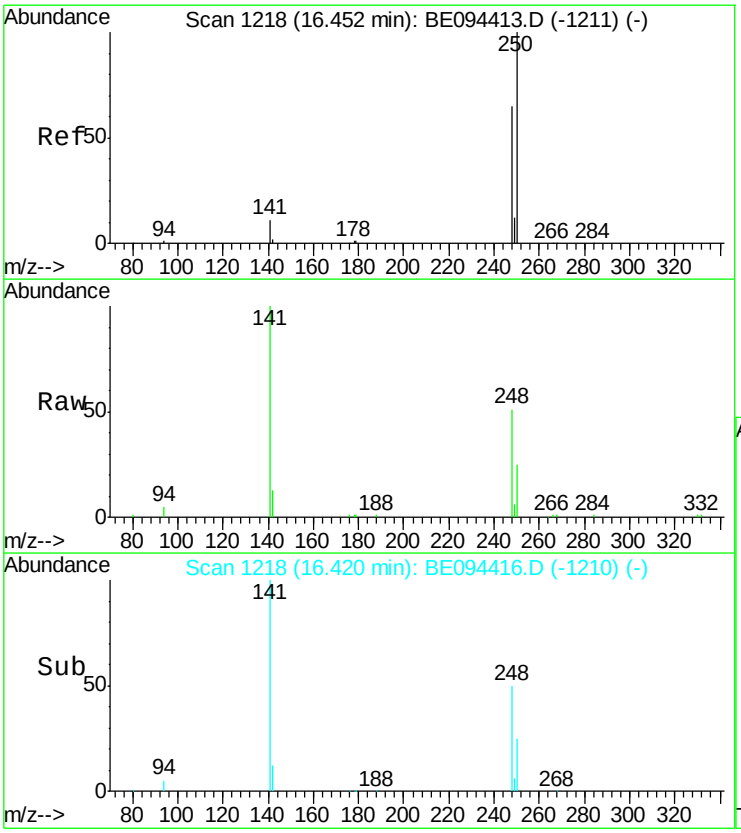
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 6291

Ion	Ratio	Lower	Upper
188	100		
94	35.6	3.9	5.9#
80	41.6	3.6	5.4#

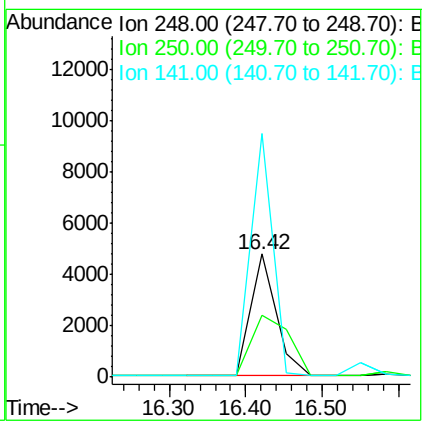


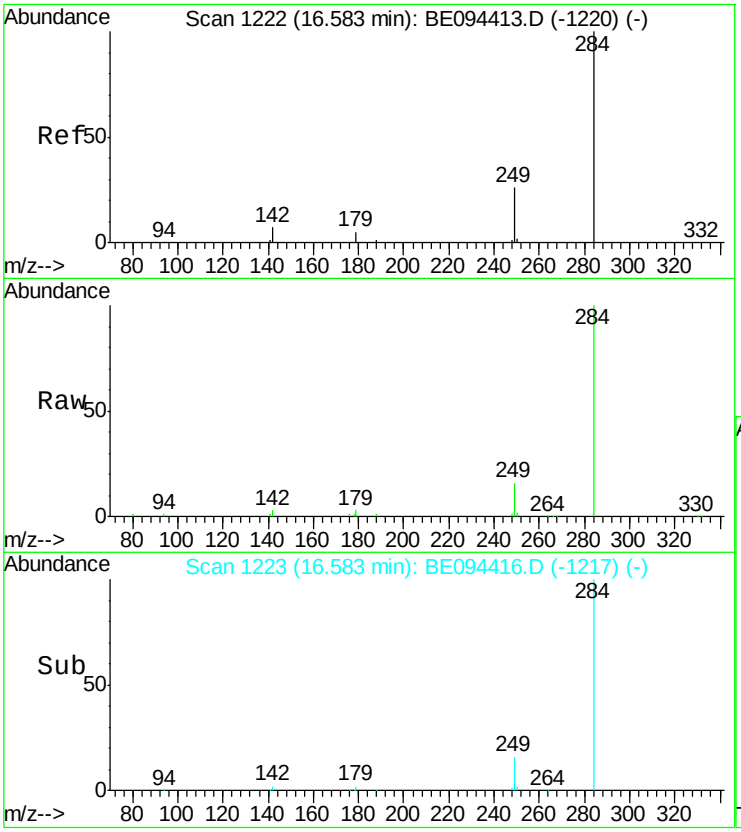


#20
4-Bromophenyl-phenylether
Concen: 4.280 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:248 Resp: 11046

Ion	Ratio	Lower	Upper
248	100		
250	50.2	62.7	94.1#
141	197.8	48.2	72.2#



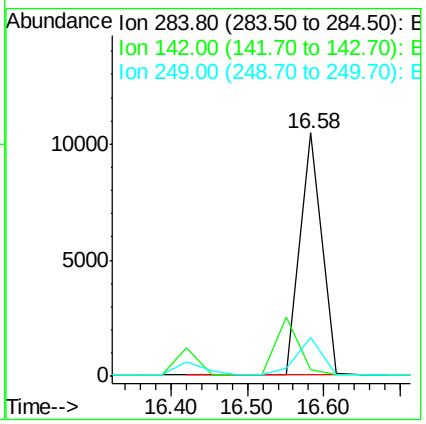


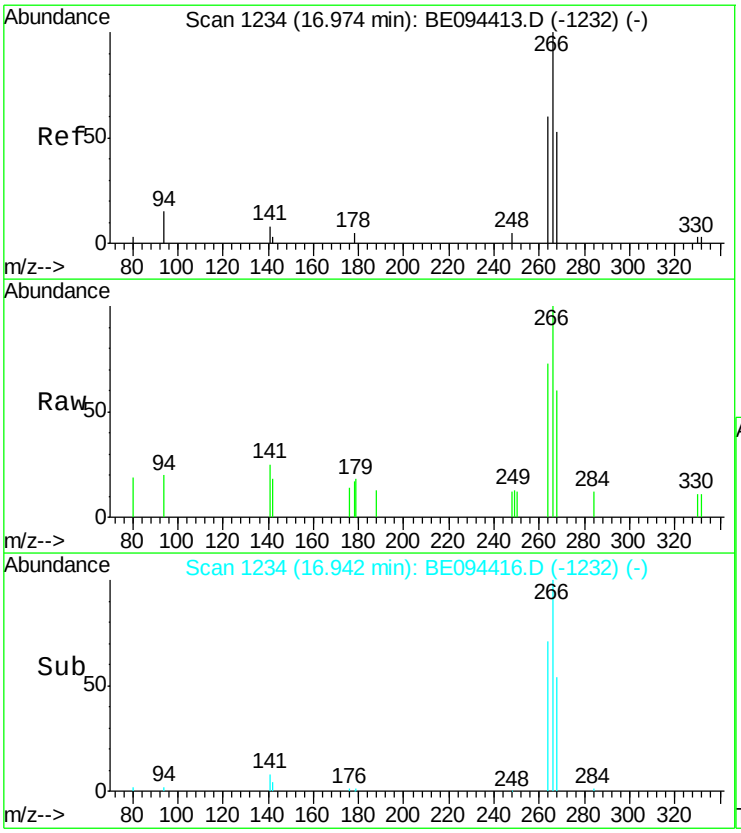
#21
Hexachlorobenzene
Concen: 12.657 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 20618

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	18.3	34.8	52.2#

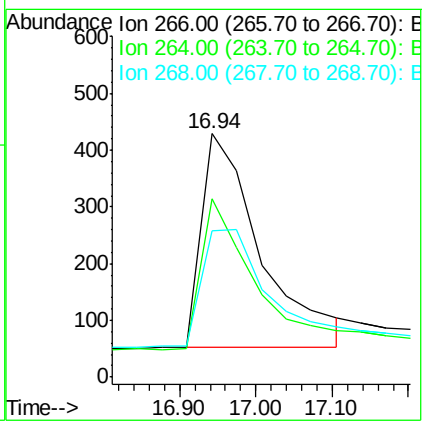


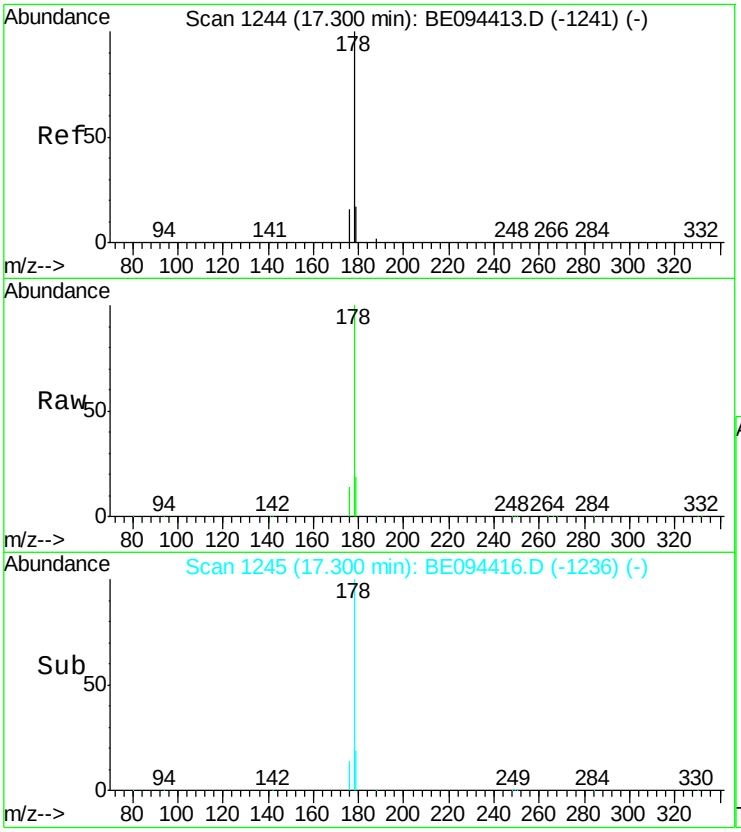


#22
Pentachlorophenol
Concen: 1.368 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:266 Resp: 2042

Ion	Ratio	Lower	Upper
266	100		
264	73.4	72.5	108.7
268	59.9	73.8	110.6#



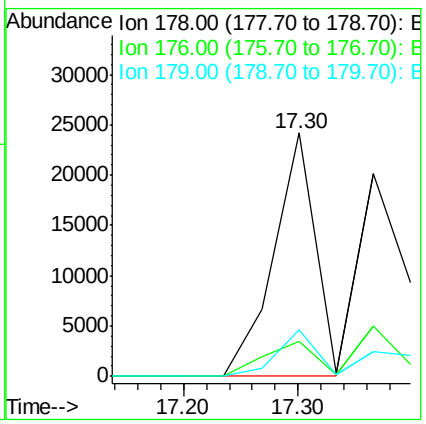


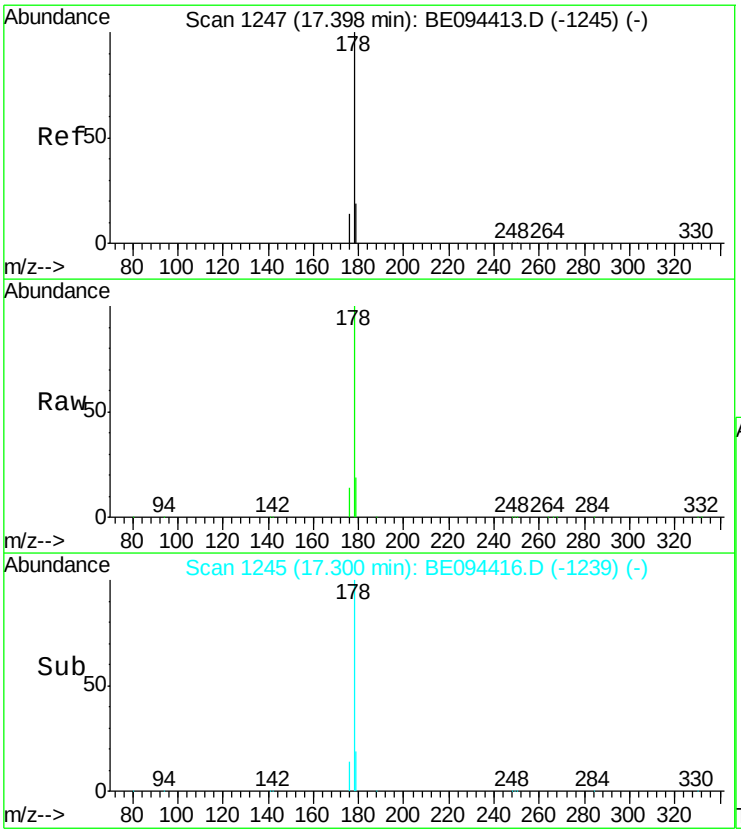
#23
Phenanthrene
Concen: 3.767 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 60636

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.1	22.7
179	31.6	11.8	17.6#

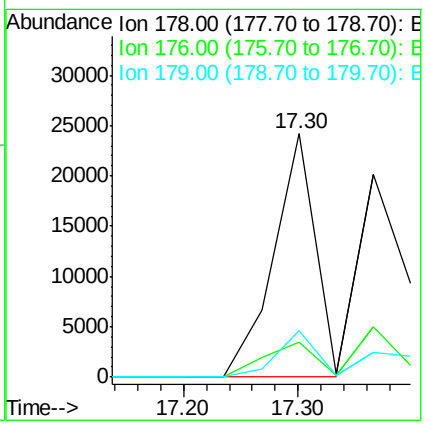


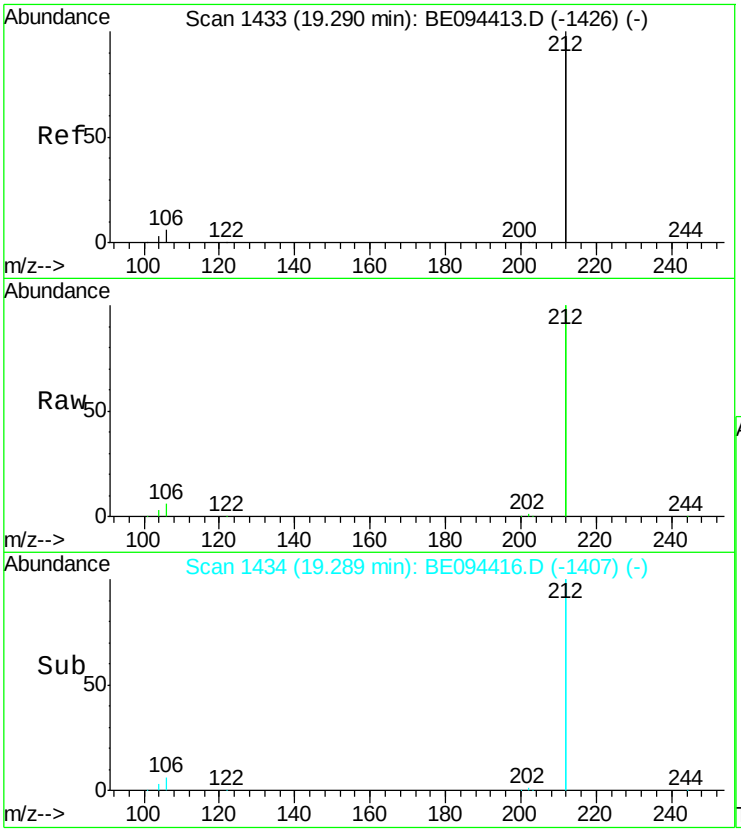


#24
Anthracene
Concen: 3.591 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:178 Resp: 60636

Ion	Ratio	Lower	Upper
178	100		
176	17.0	12.8	19.2
179	31.6	13.0	19.6#



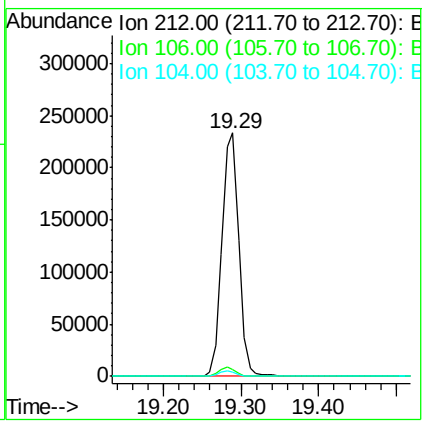


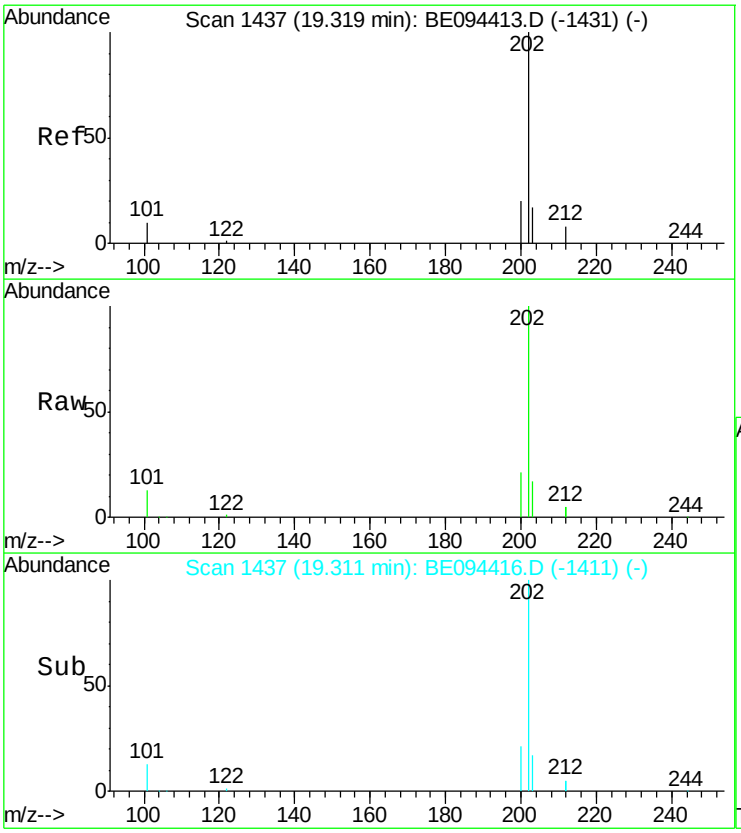
#25
Fluoranthene-d10
Concen: 5.712 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 347941

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

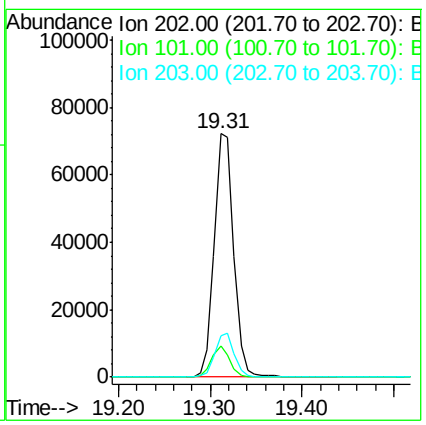


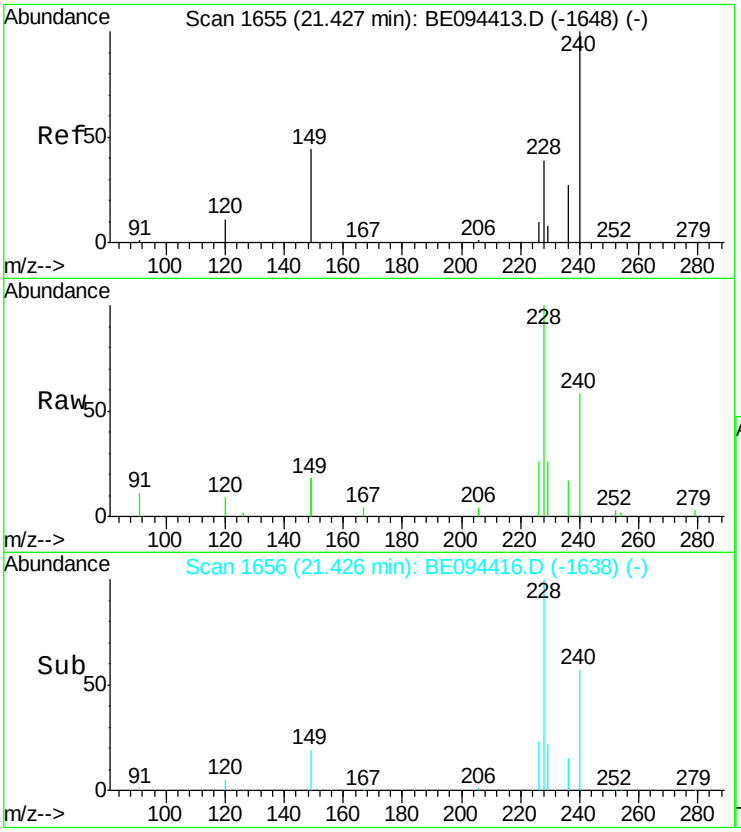


#26
Fluoranthene
Concen: 5.808 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:202 Resp: 104750

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
203	17.5	13.7	20.5



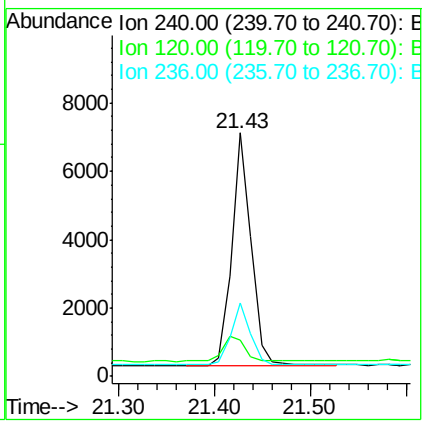


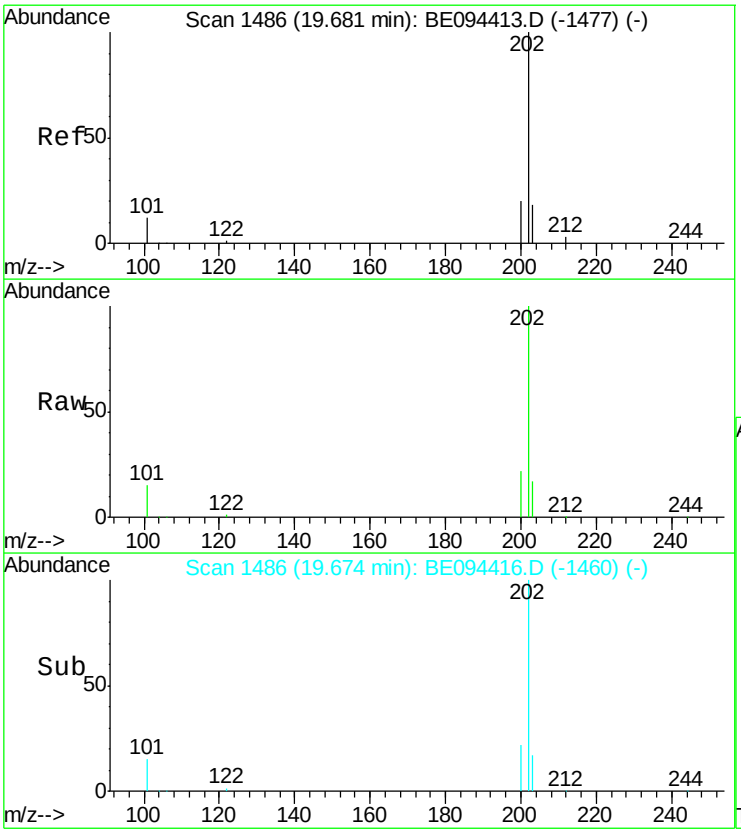
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 9458

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.5	8.3#
236	30.1	20.7	31.1

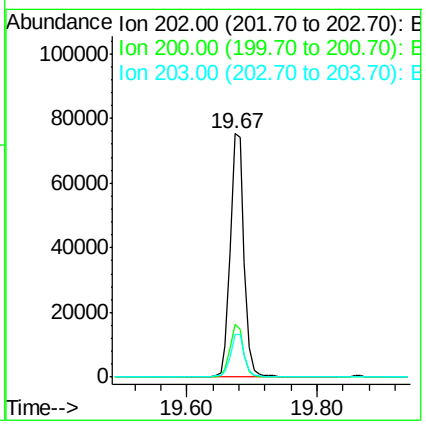


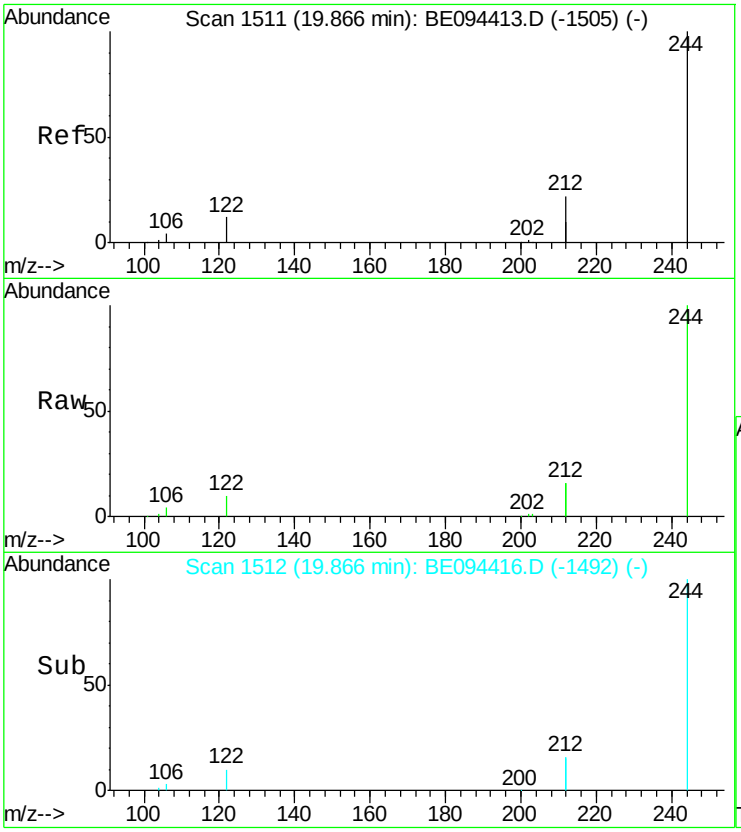


#28
Pyrene
Concen: 3.660 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:202 Resp: 109692

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	13.8	20.8



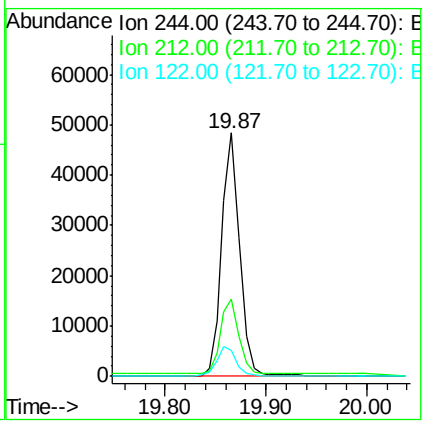


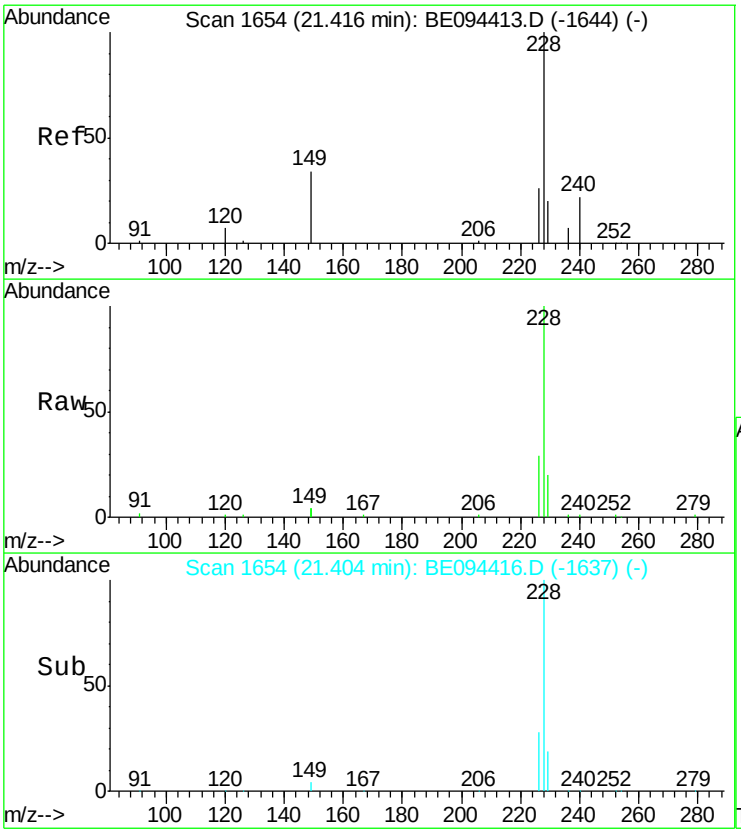
#29
Terphenyl-d14
Concen: 3.449 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 59524

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	10.5	8.1	12.1

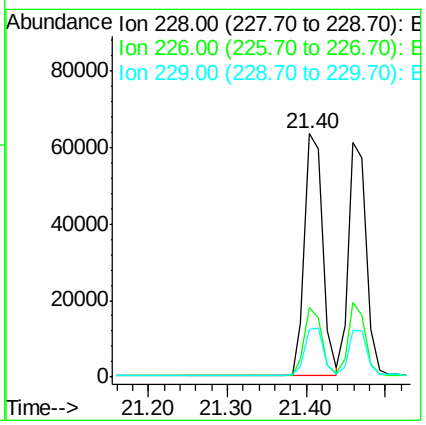


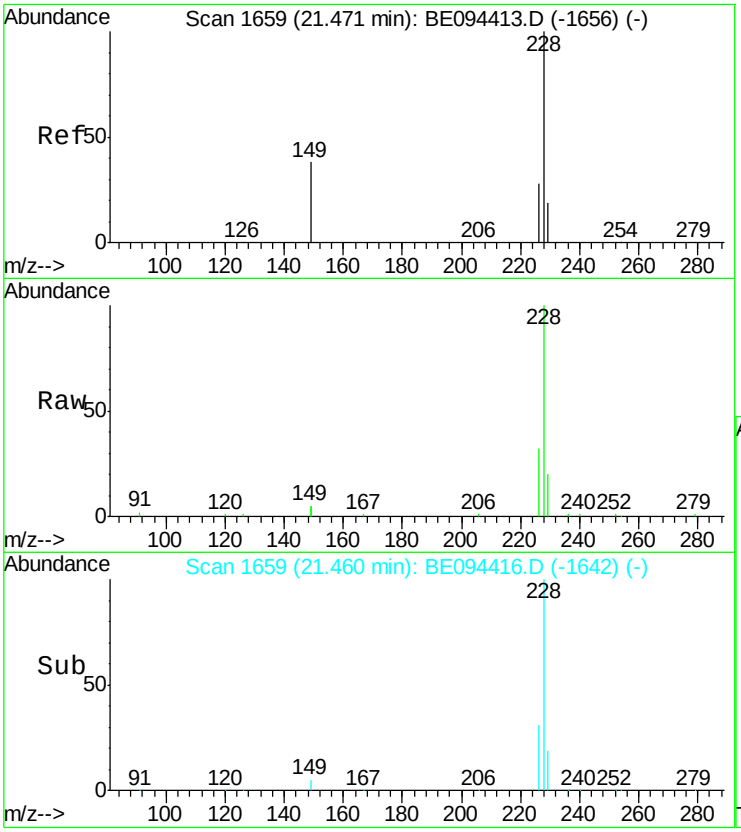


#30
Benzo(a)anthracene
Concen: 3.161 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:228 Resp: 100672

Ion	Ratio	Lower	Upper
228	100		
226	28.6	40.0	60.0#
229	19.8	40.0	60.0#



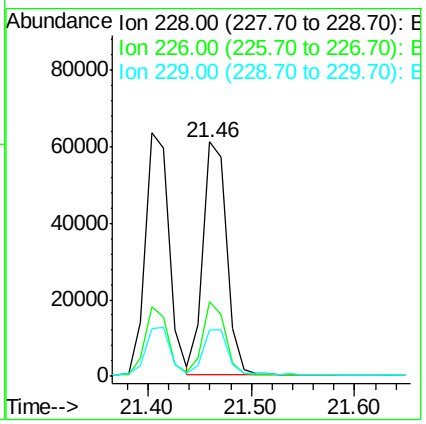


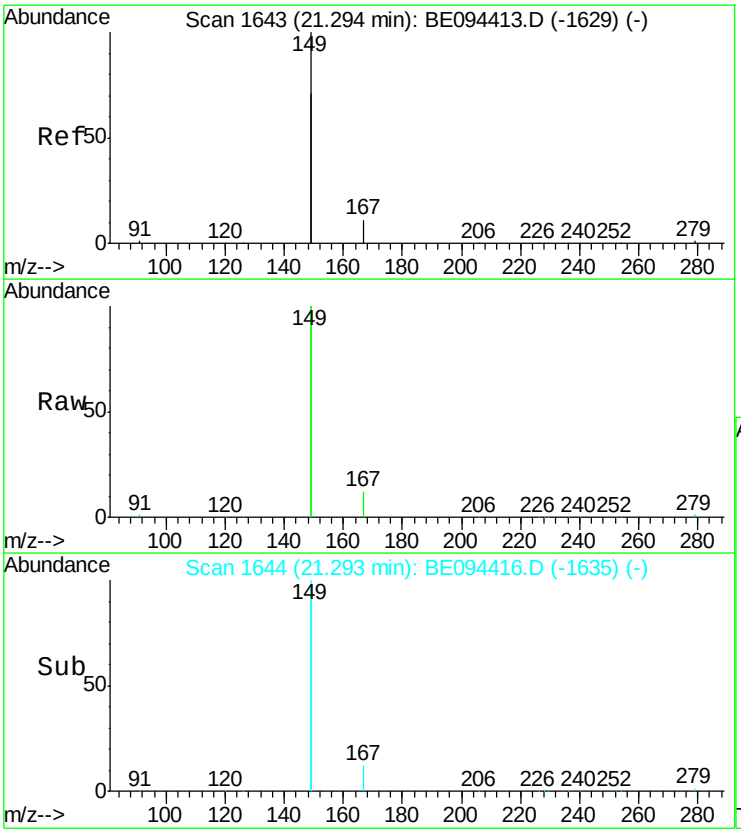
#31
Chrysene
Concen: 3.158 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 97055

Ion	Ratio	Lower	Upper
228	100		
226	31.7	40.0	60.0#
229	19.7	40.0	60.0#

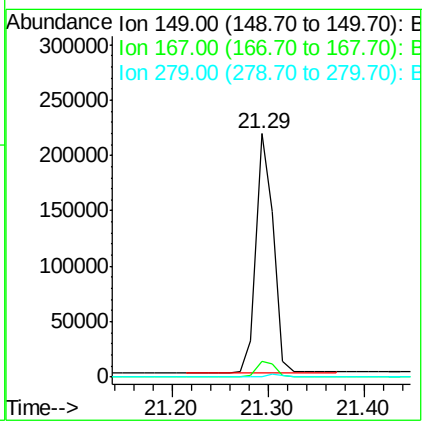


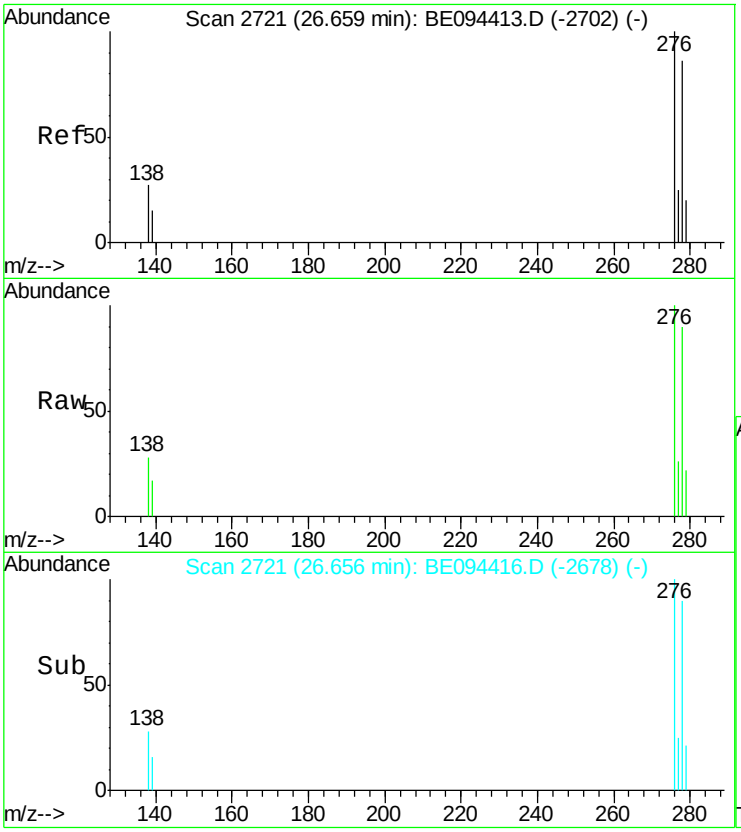


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.764 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:149 Resp: 268896

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



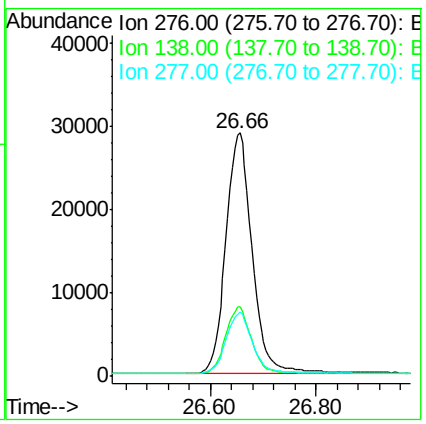


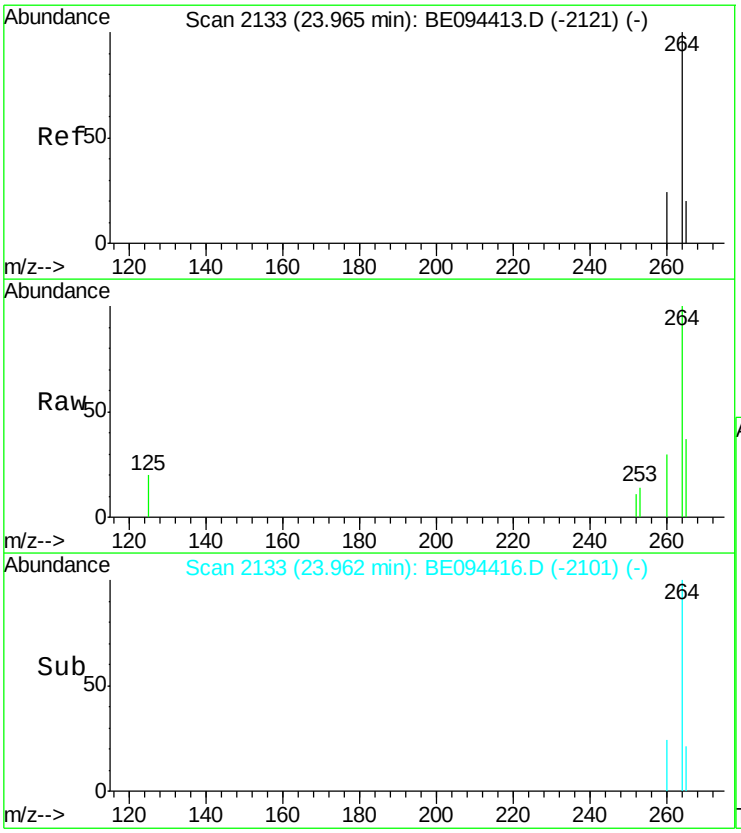
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.048 ng
RT: 26.66 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 100240

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.5	33.7
277	25.2	19.9	29.9

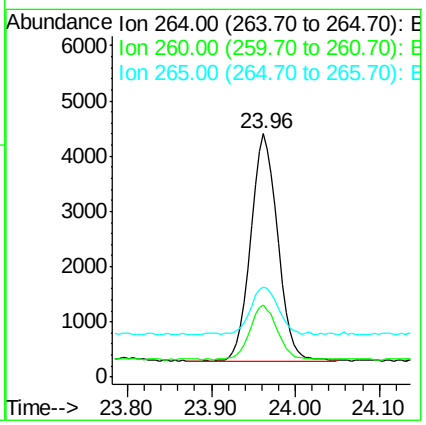


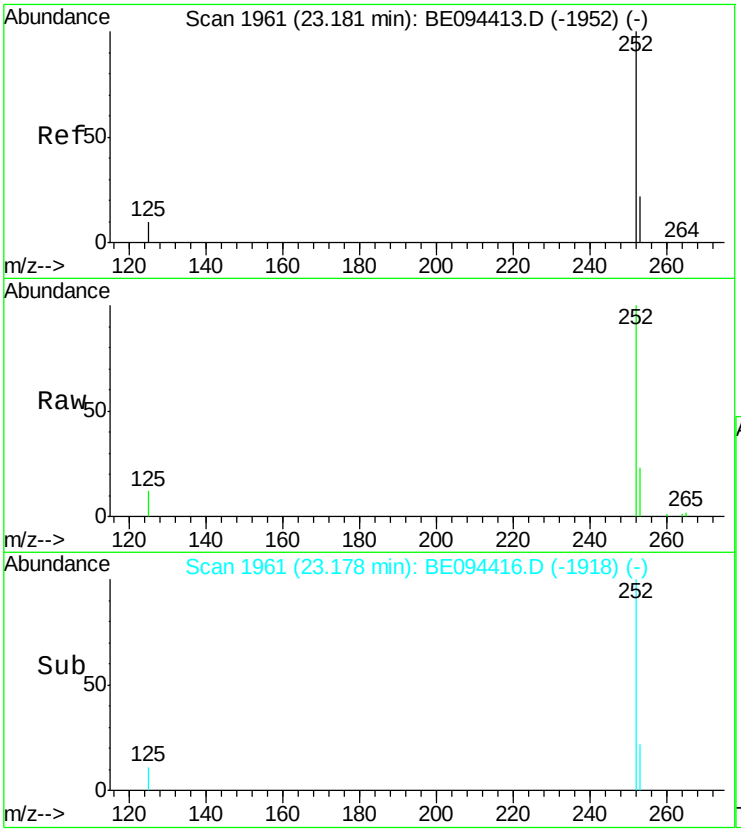


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:264 Resp: 9186

Ion	Ratio	Lower	Upper
264	100		
260	29.9	20.5	30.7
265	37.0	22.8	34.2#



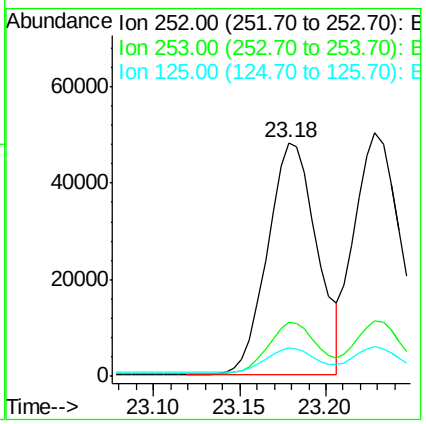


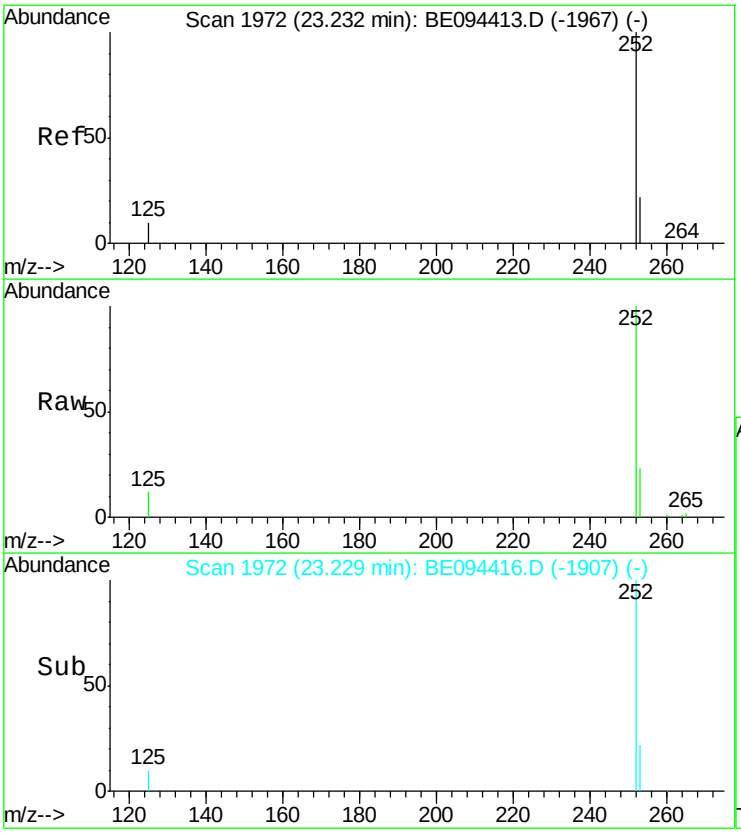
#35
Benzo(b)fluoranthene
Concen: 2.879 ng
RT: 23.18 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 95423

Ion	Ratio	Lower	Upper
252	100		
253	23.0	48.0	72.0#
125	12.2	56.0	84.0#

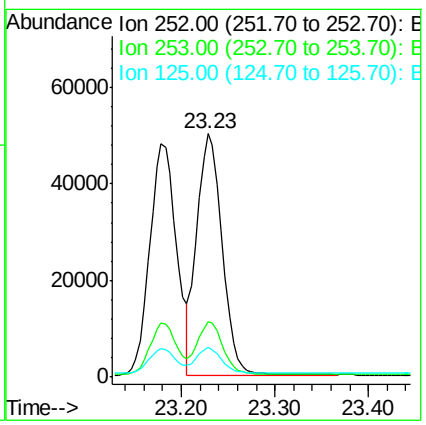


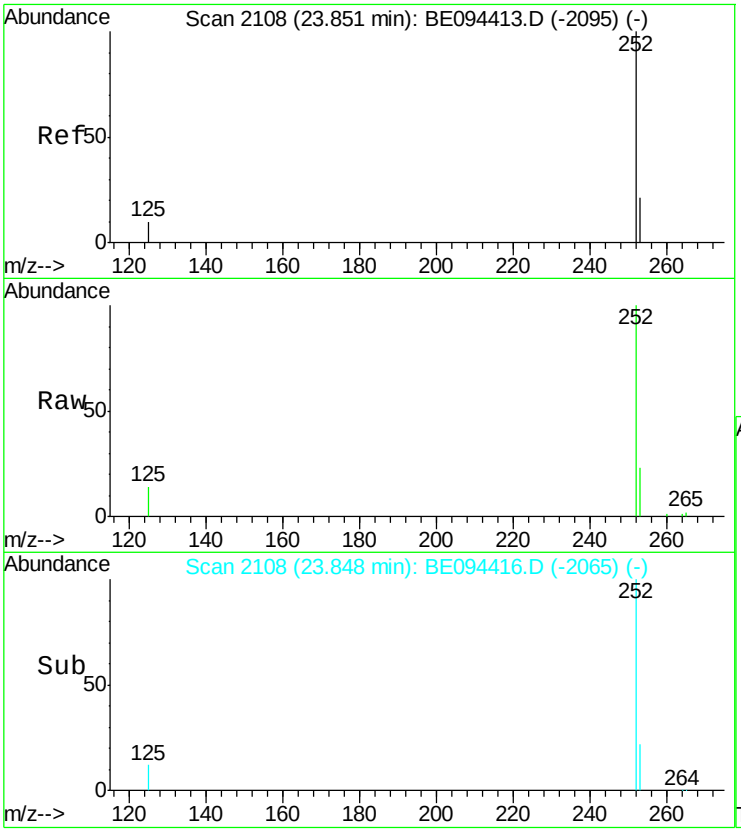


#36
Benzo(k)fluoranthene
Concen: 2.944 ng
RT: 23.23 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:252 Resp: 93433

Ion	Ratio	Lower	Upper
252	100		
253	22.9	48.0	72.0#
125	12.1	56.0	84.0#



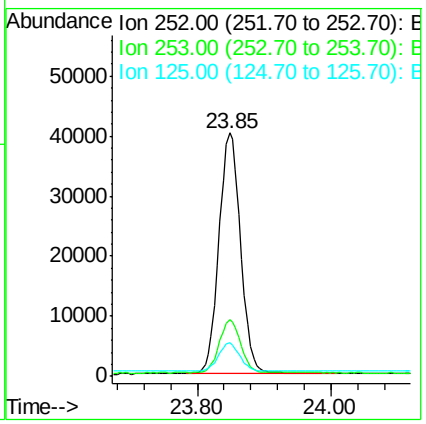


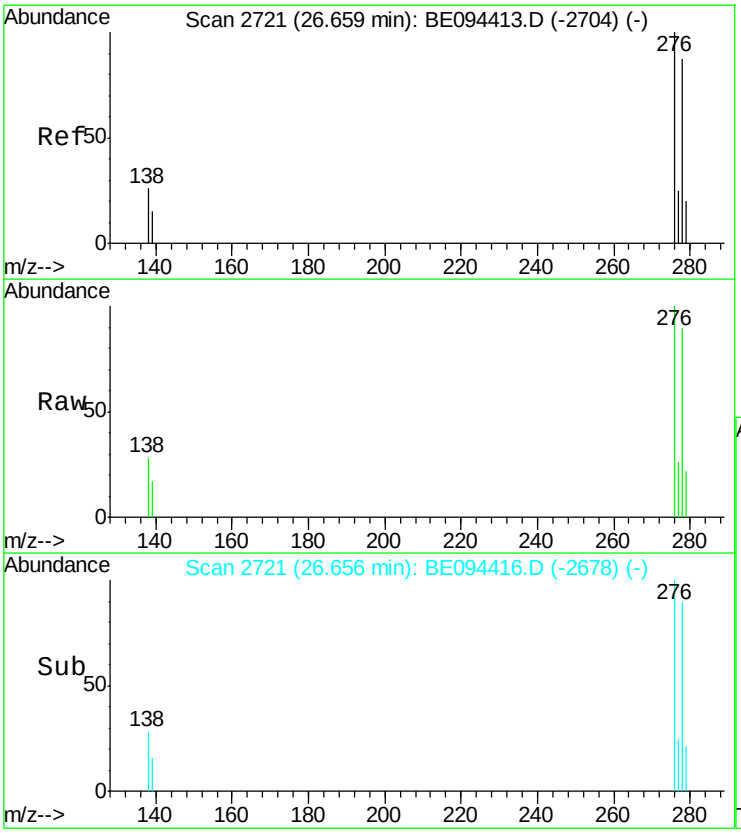
#37
Benzo(a)pyrene
Concen: 3.028 ng
RT: 23.85 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 90681

Ion	Ratio	Lower	Upper
252	100		
253	23.2	52.0	78.0#
125	13.7	68.0	102.0#

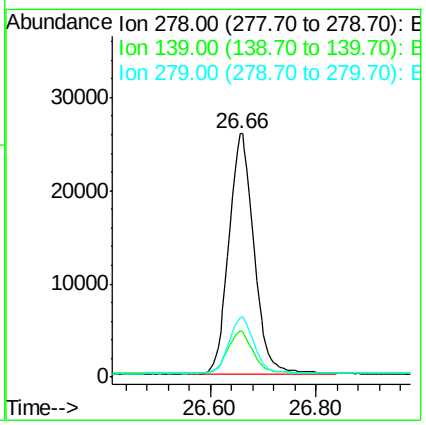


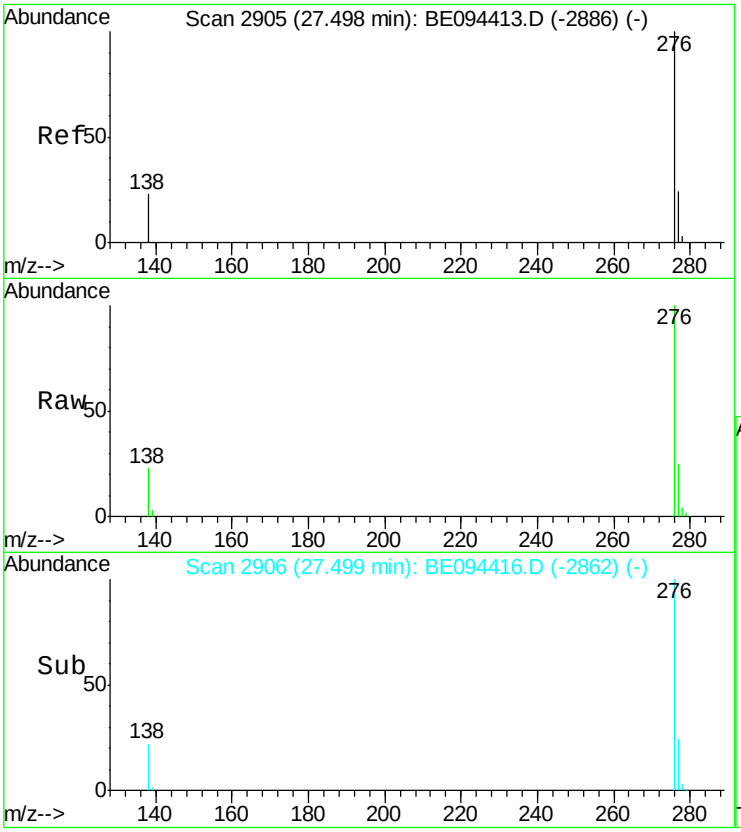


#38
Dibenzo(a,h)anthracene
Concen: 3.049 ng
RT: 26.66 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Tgt Ion:278 Resp: 86461

Ion	Ratio	Lower	Upper
278	100		
139	19.0	56.0	84.0#
279	24.5	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 2.956 ng
RT: 27.50 min Scan# 2906
Delta R.T. 0.00 min
Lab File: BE094416.D
Acq: 16 Oct 2017 14:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 82994

Ion	Ratio	Lower	Upper
276	100		
277	25.2	52.0	78.0#
138	23.4	44.0	66.0#