Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094933.D
Acq On : 6 Dec 2017 2:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 06 04:07:09 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	8.47	152	6466	0.40	ng		-0.01
7) Naphthalene-d8	11.33	136	14442	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8601	0.40	ng		-0.01
19) Phenanthrene-d10	17.77	188	21555	0.40	ng		0.00
27) Chrysene-d12	21.89	240	24396	0.40	ng		0.00
34) Perylene-d12	24.56	264	19219	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	4473	0.44	ng		0.00
5) Phenol-d6	7.59	99	6711	0.44	ng		0.00
8) Nitrobenzene-d5	9.66	82	4156	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9454	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1082	0.57	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14362	0.39	ng		0.00
25) Fluoranthene-d10	19.76	212	111258	0.38	ng		0.00
29) Terphenyl-d14	20.31	244	17929	0.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2810	0.415	ng	#	85
3) n-Nitrosodimethylamine	4.02	42	3371	0.391	ng	#	80
6) bis(2-Chloroethyl)ether	7.87	93	5696	0.379	ng		99
9) Naphthalene	11.38	128	66476	0.393	ng		99
10) Hexachlorobutadiene	11.64	225	3002	0.420	ng		98
12) 2-Methylnaphthalene	12.94	142	17073	0.406	ng		98
16) Acenaphthylene	14.79	152	18818	0.387	ng		99
17) Acenaphthene	15.12	154	12245	0.390	ng		96
18) Fluorene	16.10	166	15359	0.384	ng	#	80
20) 4-Bromophenyl-phenylether	16.97	248	4765	0.396	ng	#	82
21) Hexachlorobenzene	17.09	284	4852	0.414	ng	#	81
22) Pentachlorophenol	17.42	266	1488	0.516	ng	#	74
23) Phenanthrene	17.82	178	26401	0.384	ng		98
24) Anthracene	17.91	178	27323	0.375	ng	#	92
26) Fluoranthene	19.78	202	32476	0.368	ng		99
28) Pyrene	20.13	202	37110	0.441	ng		97
30) Benzo(a)anthracene	21.85	228	29385	0.393	ng	#	63
31) Chrysene	21.92	228	31519	0.381	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.75	149	57388	0.463	ng		99
33) Indeno(1,2,3-cd)pyrene	27.42	276	26162	0.387	ng		99
35) Benzo(b)fluoranthene	23.72	252	26522	0.378	ng	#	40
36) Benzo(k)fluoranthene	23.78	252	26648	0.373	ng	#	40
37) Benzo(a)pyrene	24.43	252	24205	0.393	ng	#	34
38) Dibenzo(a,h)anthracene	27.45	278	21694	0.382	ng	#	43
39) Benzo(g,h,i)perylene	28.31	276	21889	0.386	ng	#	52

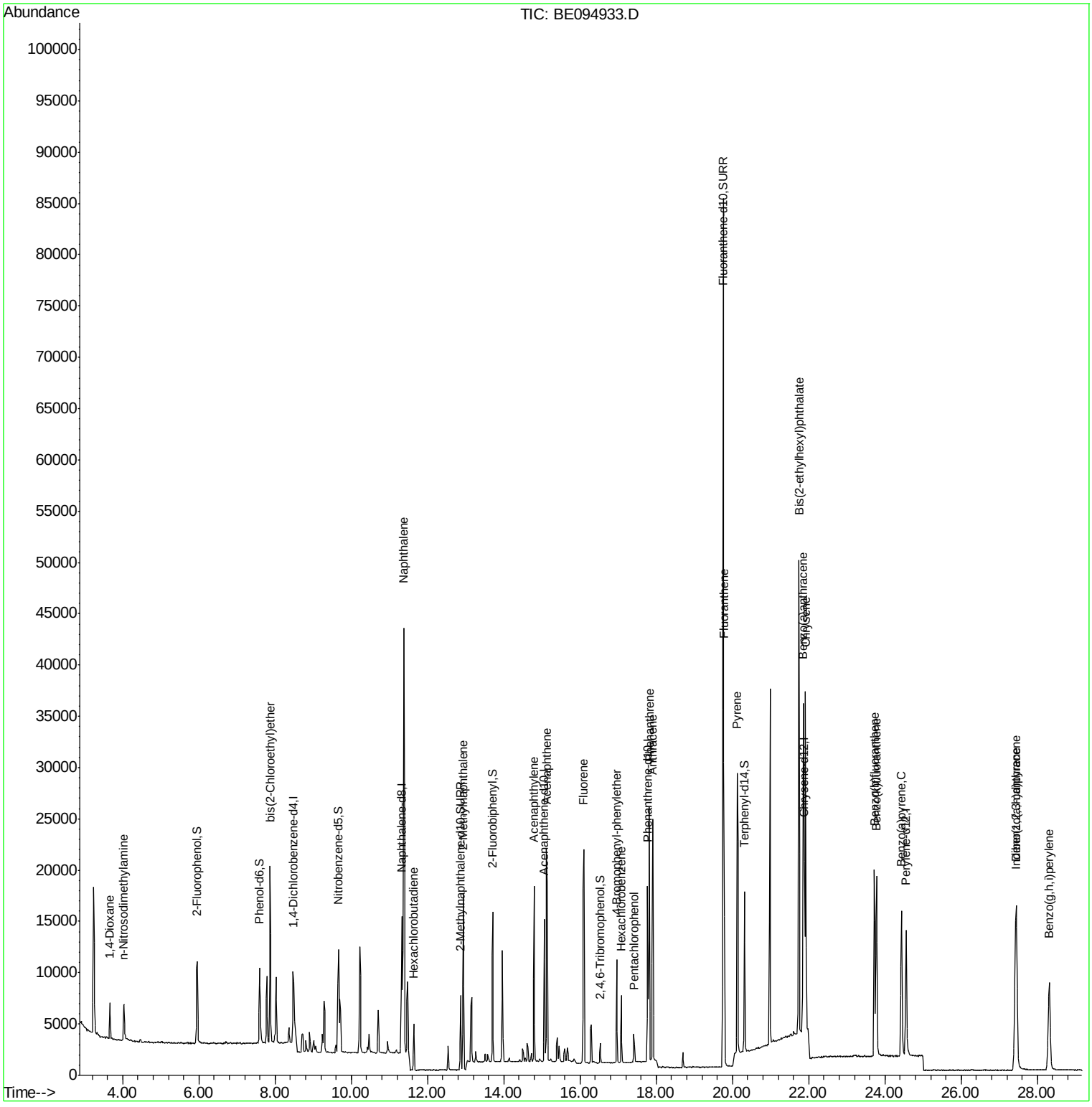
(#) = qualifier out of range (m) = manual integration (+) = signals summed

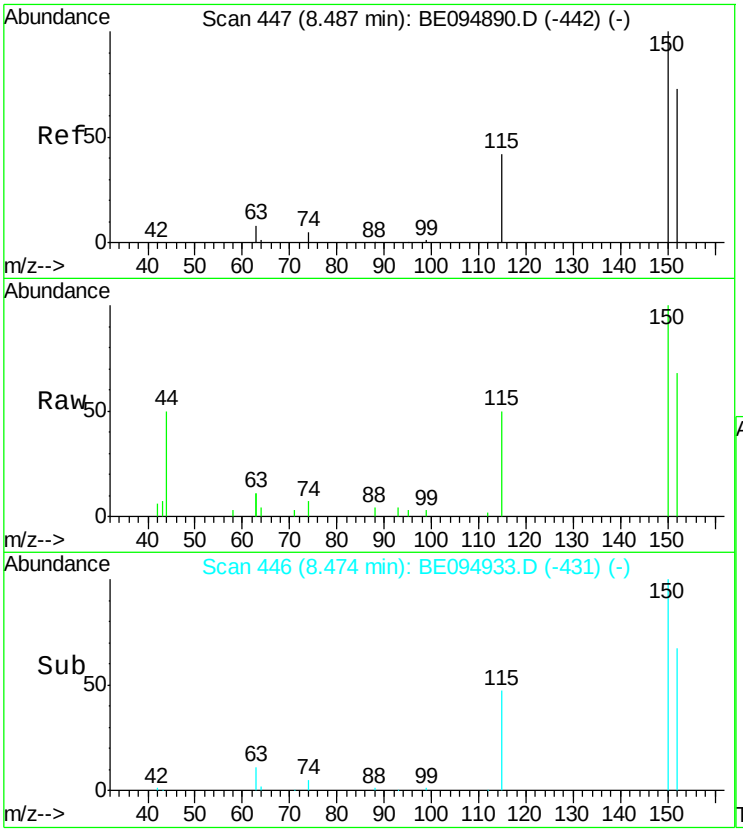
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094933.D
Acq On : 6 Dec 2017 2:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 06 04:07:09 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



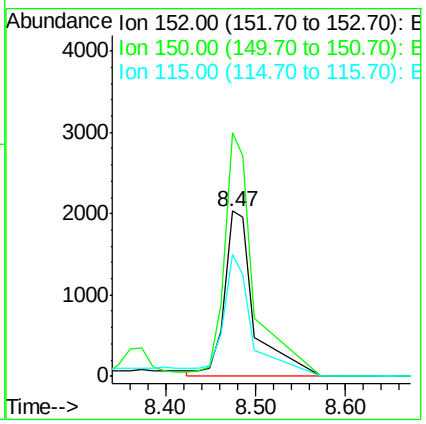


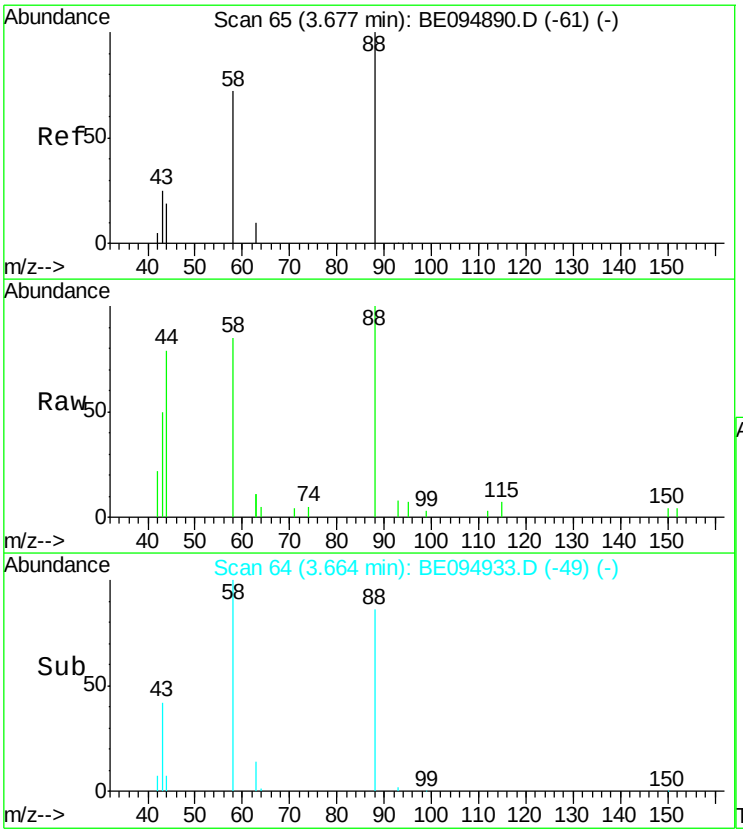
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6466

Ion	Ratio	Lower	Upper
152	100		
150	147.1	117.2	175.8
115	73.9	57.0	85.6

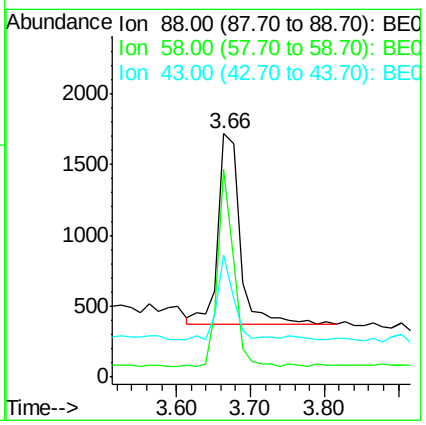


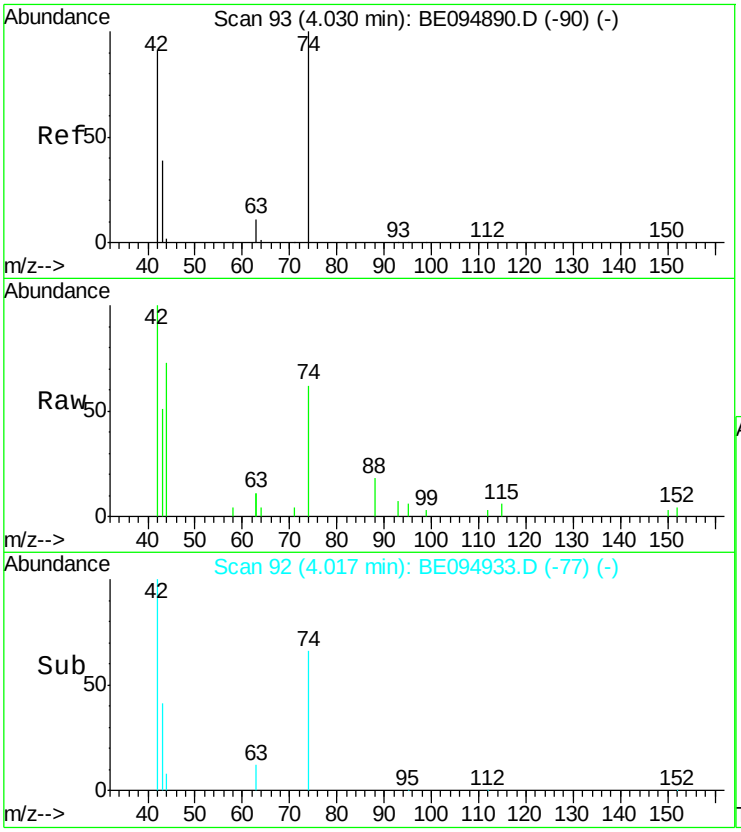


#2
1,4-Dioxane
Concen: 0.415 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion: 88 Resp: 2810

Ion	Ratio	Lower	Upper
88	100		
58	74.0	63.2	94.8
43	31.8	41.2	61.8#



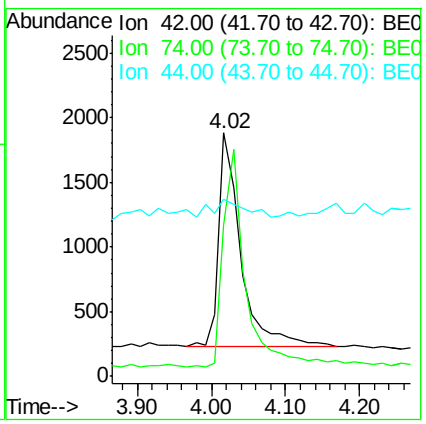


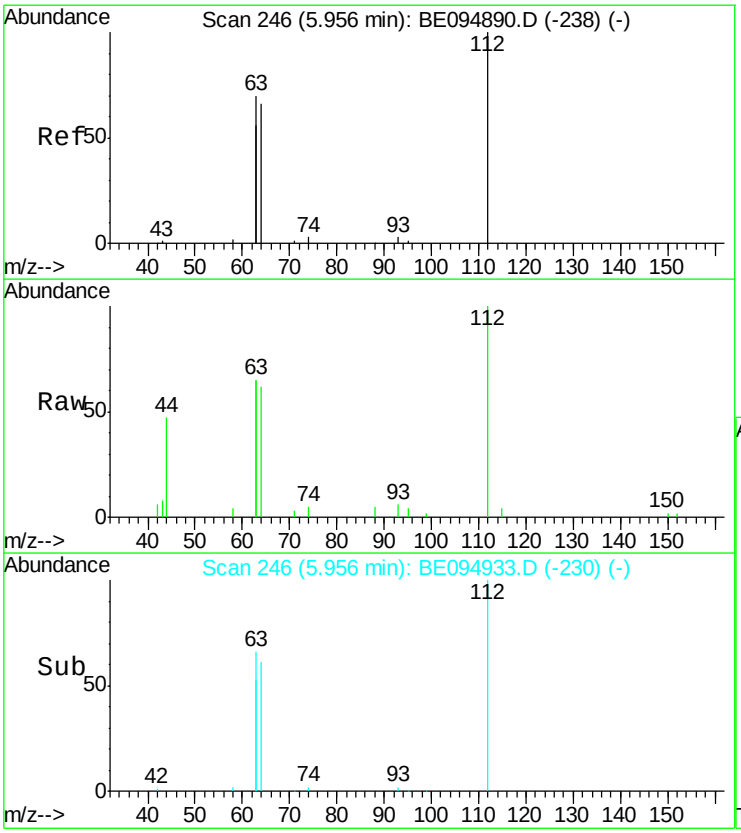
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3371

Ion	Ratio	Lower	Upper
42	100		
74	102.2	100.3	150.5
44	13.0	17.0	25.4#

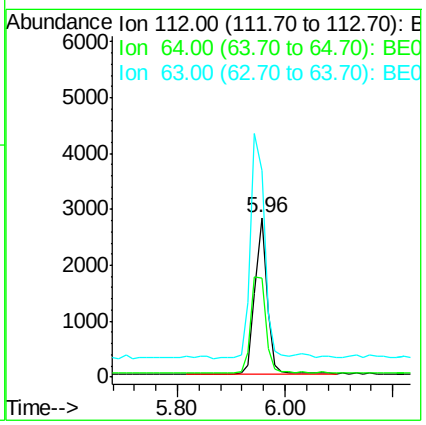


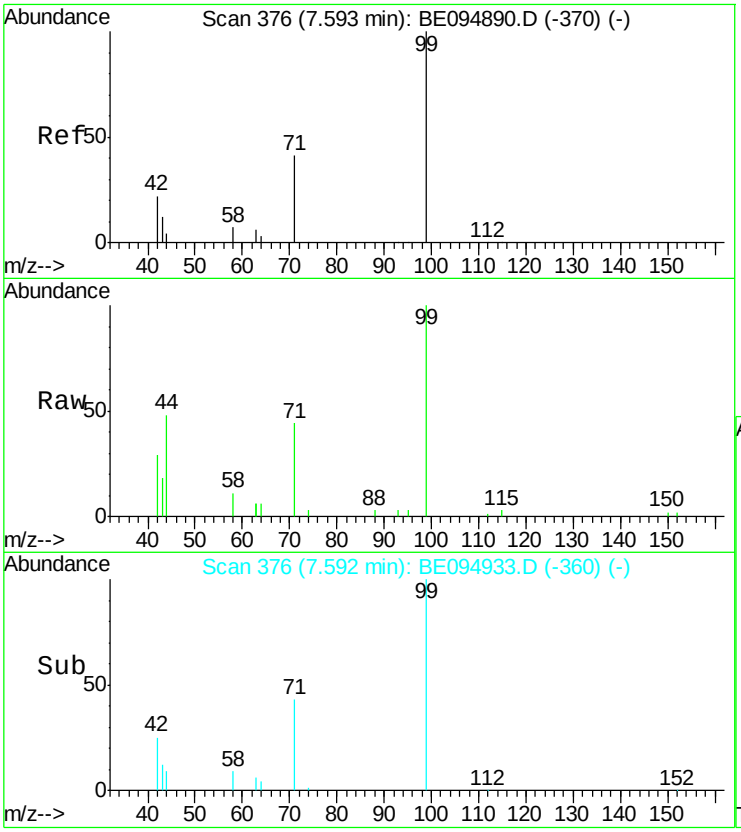


#4
2-Fluorophenol
Concen: 0.437 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:112 Resp: 4473

Ion	Ratio	Lower	Upper
112	100		
64	75.5	60.1	90.1
63	161.1	116.8	175.2



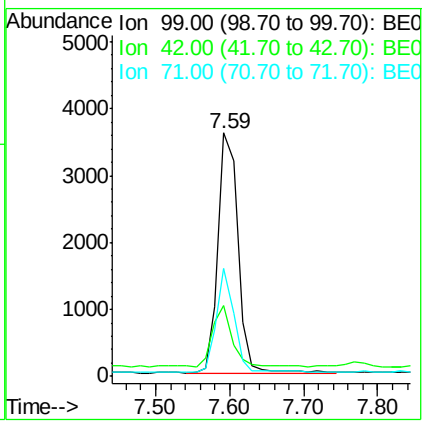


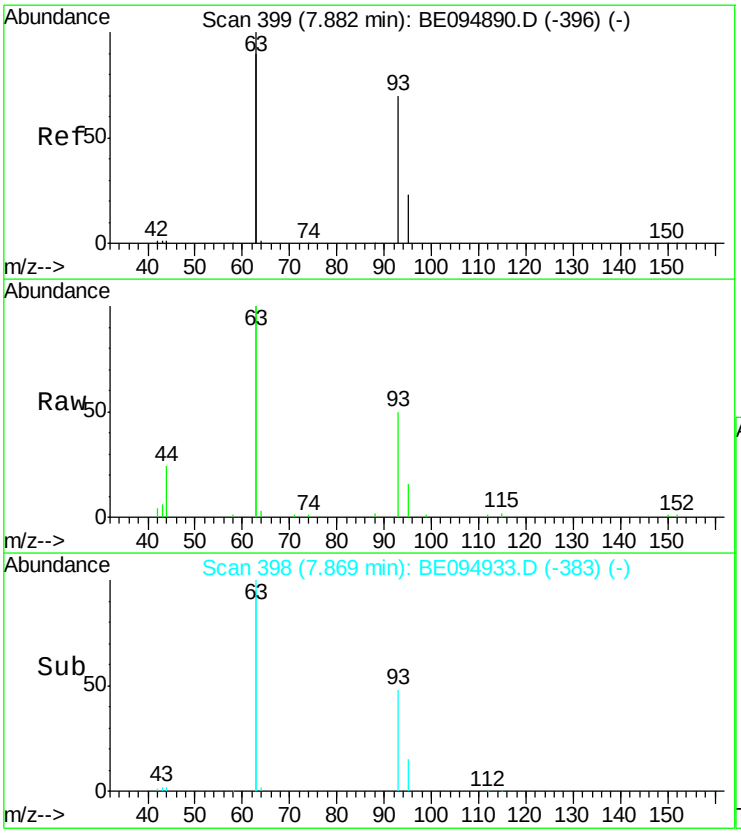
#5
Phenol-d6
Concen: 0.443 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6711

Ion	Ratio	Lower	Upper
99	100		
42	26.4	20.2	30.2
71	38.9	28.4	42.6

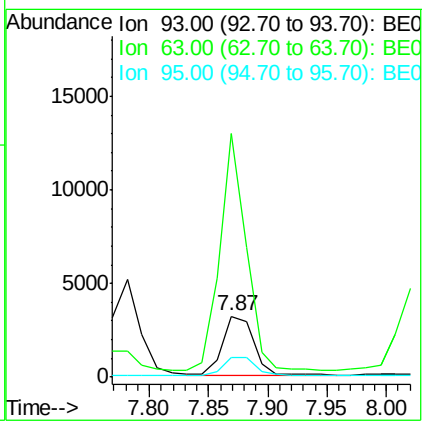


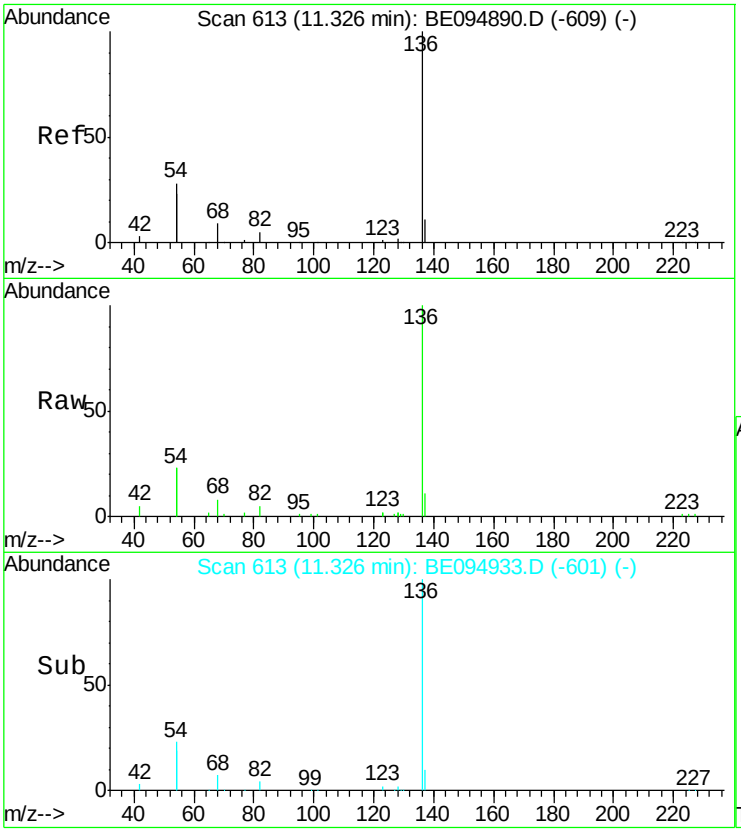


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion: 93 Resp: 5696

Ion	Ratio	Lower	Upper
93	100		
63	342.2	275.3	412.9
95	32.1	25.2	37.8



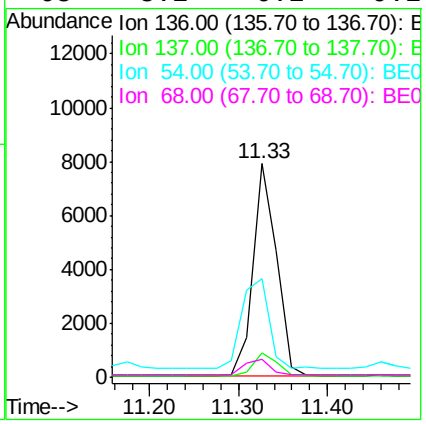


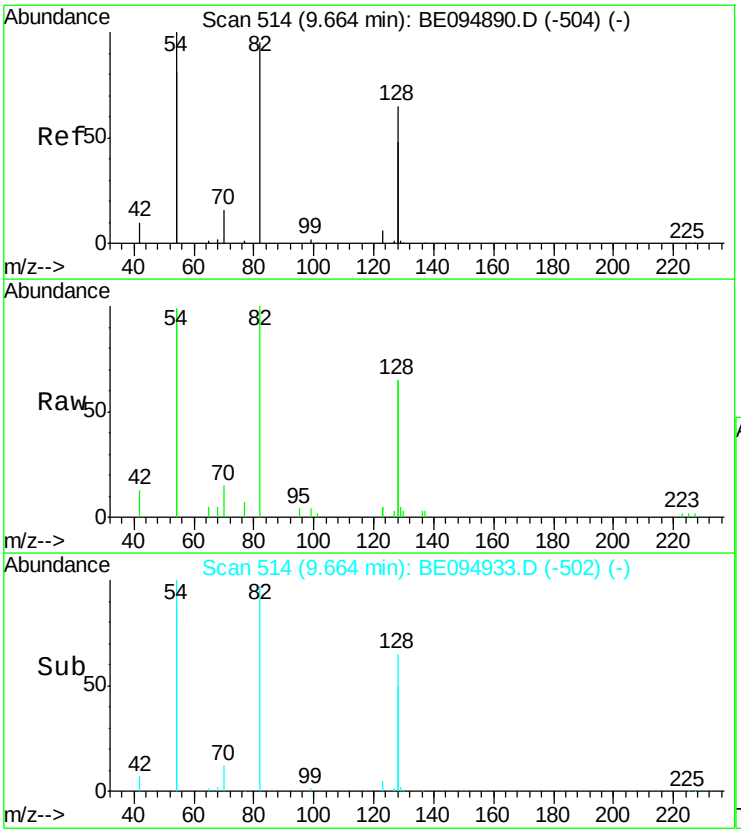
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14442

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	46.1	29.1	43.7#
68	8.2	6.2	9.2

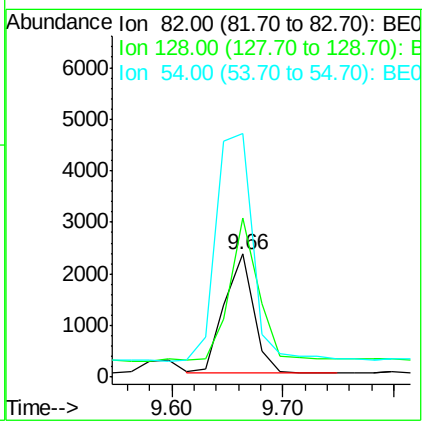


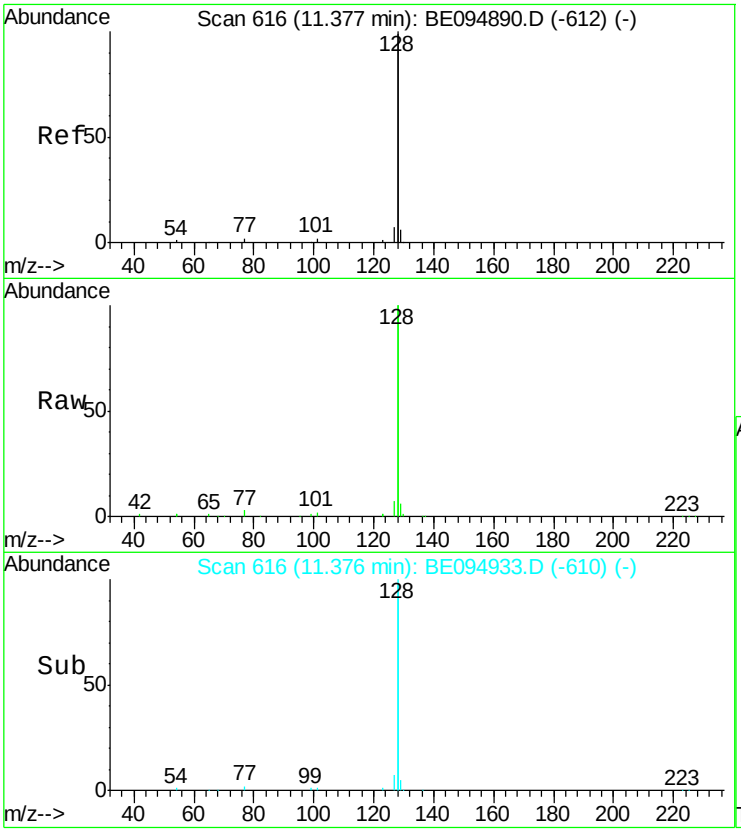


#8
Nitrobenzene-d5
Concen: 0.486 ng
RT: 9.66 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion: 82 Resp: 4156

Ion	Ratio	Lower	Upper
82	100		
128	129.4	150.0	225.0#
54	197.7	154.2	231.4



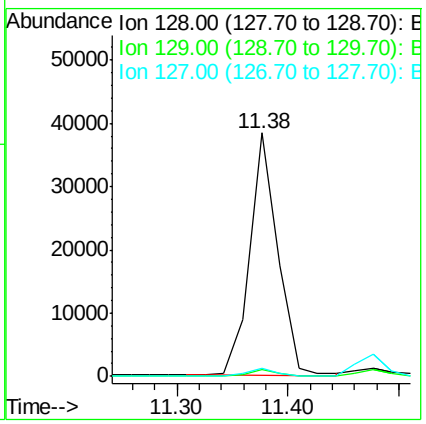


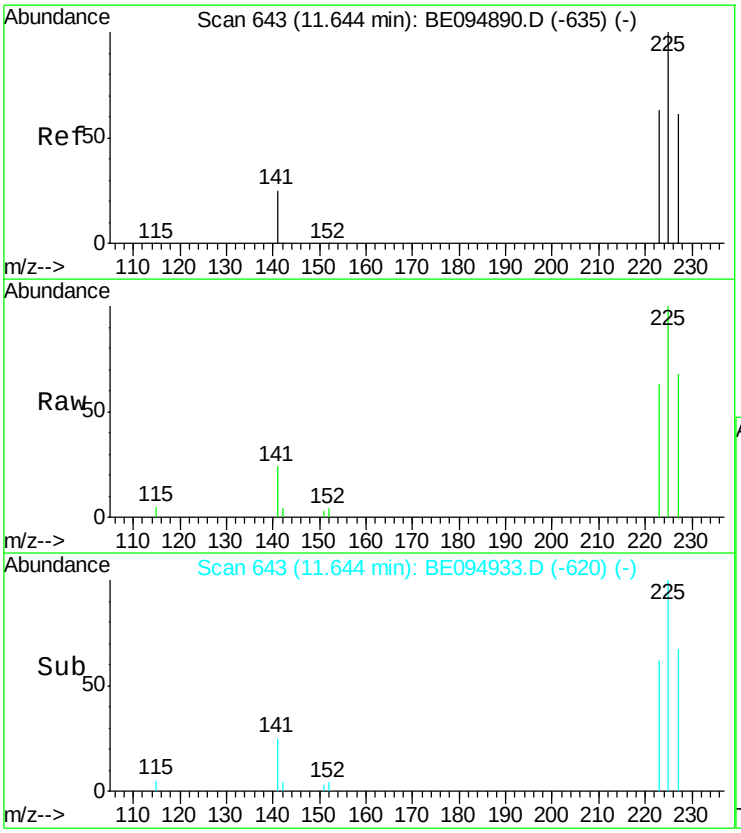
#9
Naphthalene
Concen: 0.393 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 66476

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

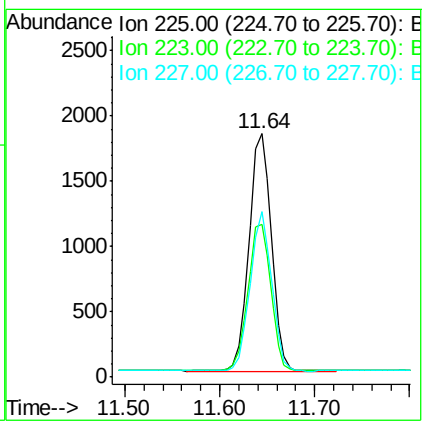


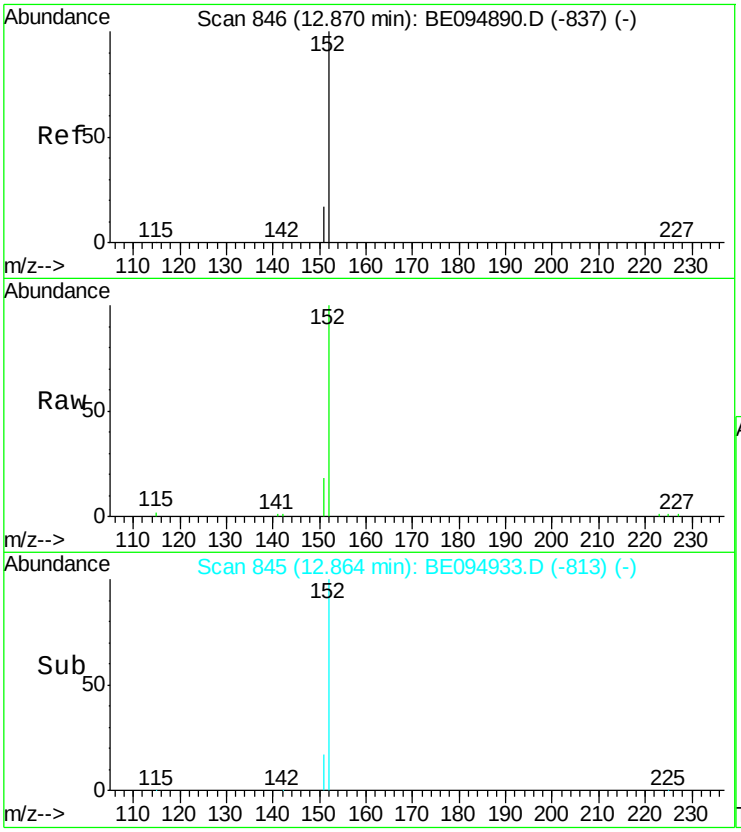


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:225 Resp: 3002

Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.0	79.6
227	64.4	51.4	77.2



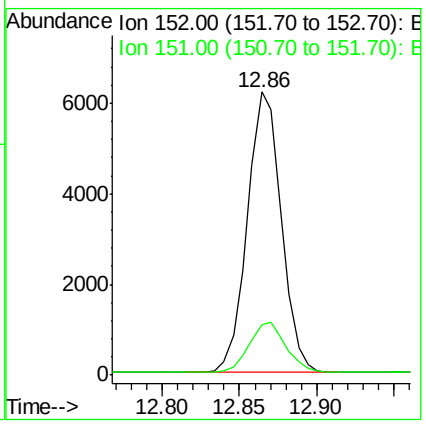


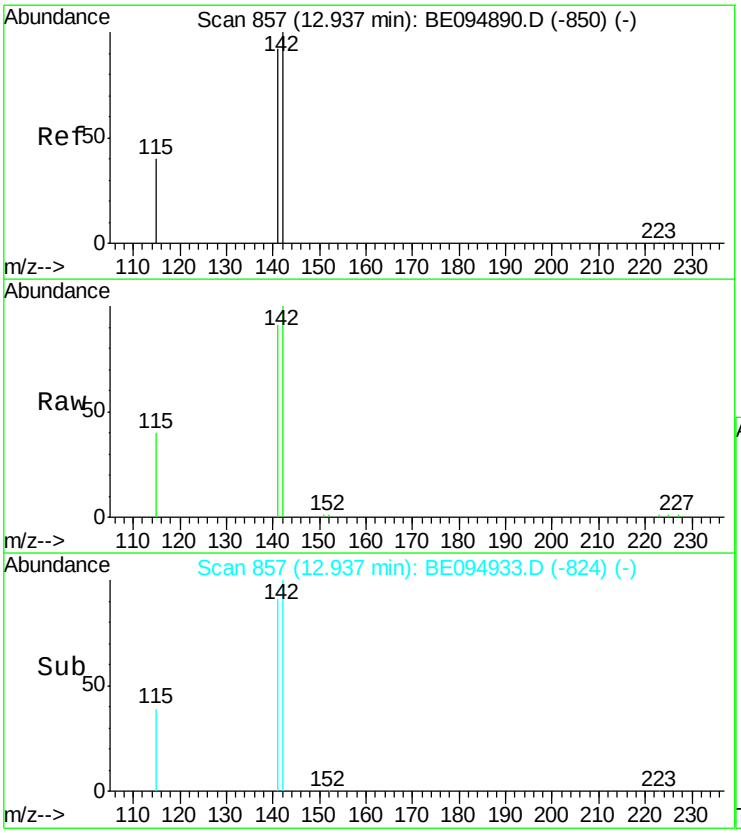
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9454

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

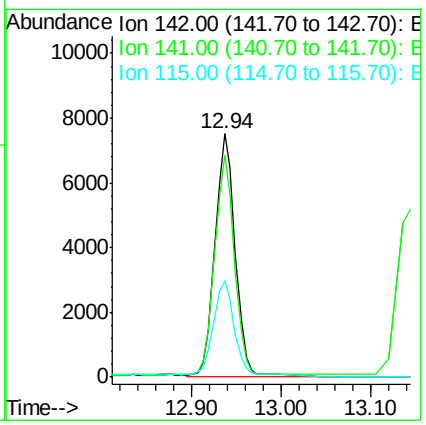


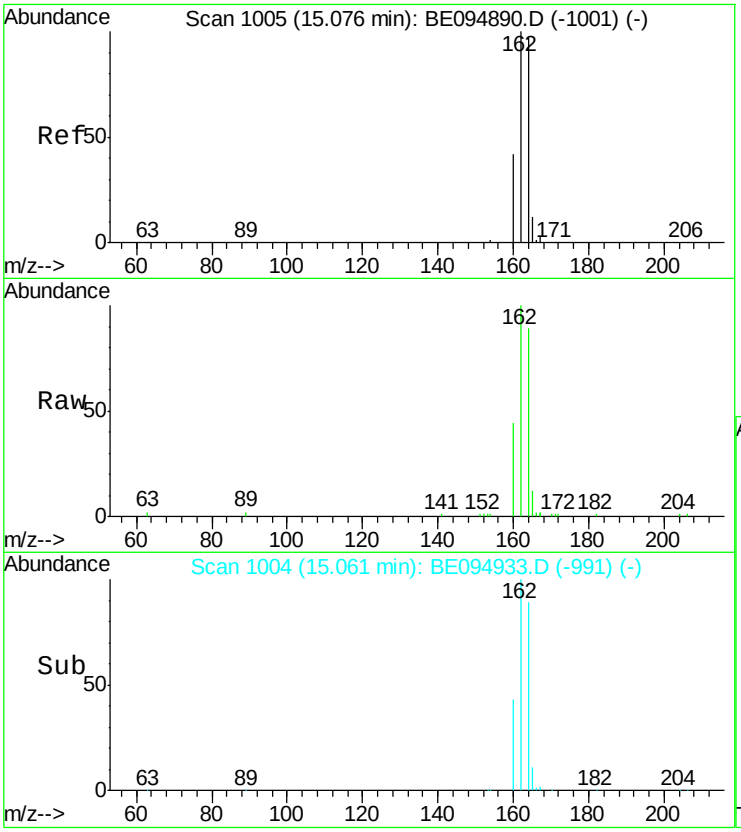


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:142 Resp: 17073

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6
115	39.7	31.7	47.5



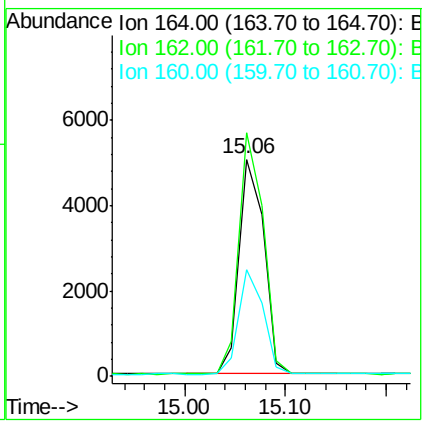


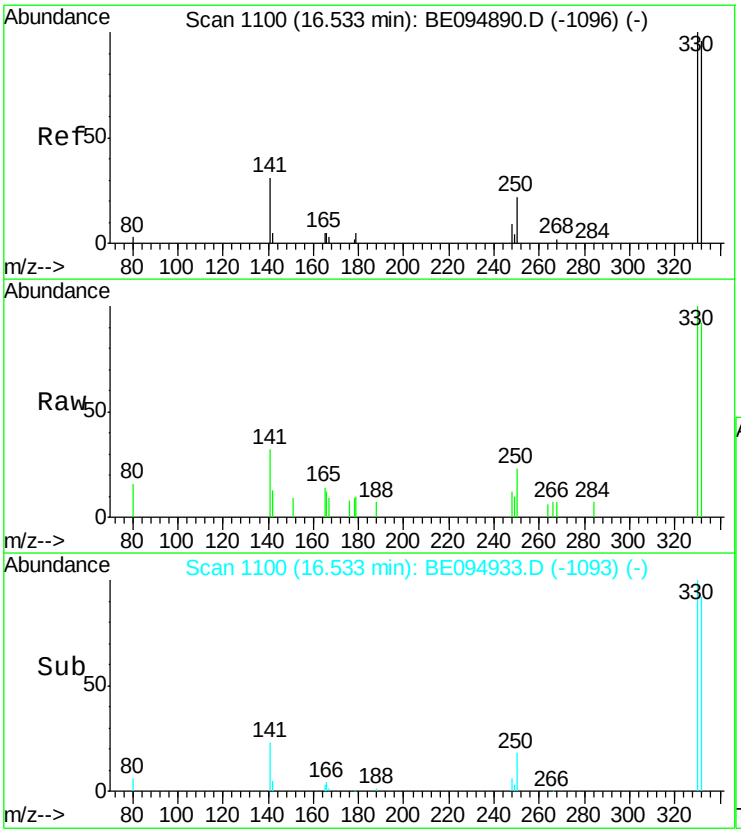
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8601

Ion	Ratio	Lower	Upper
164	100		
162	112.3	83.1	124.7
160	49.0	37.1	55.7

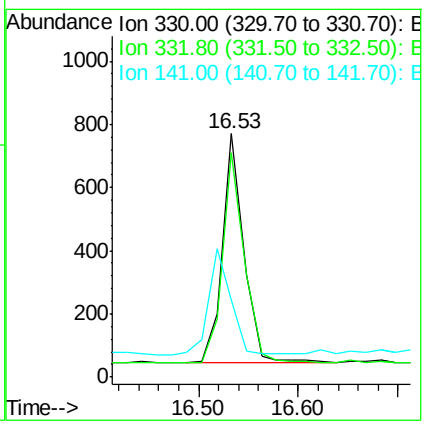


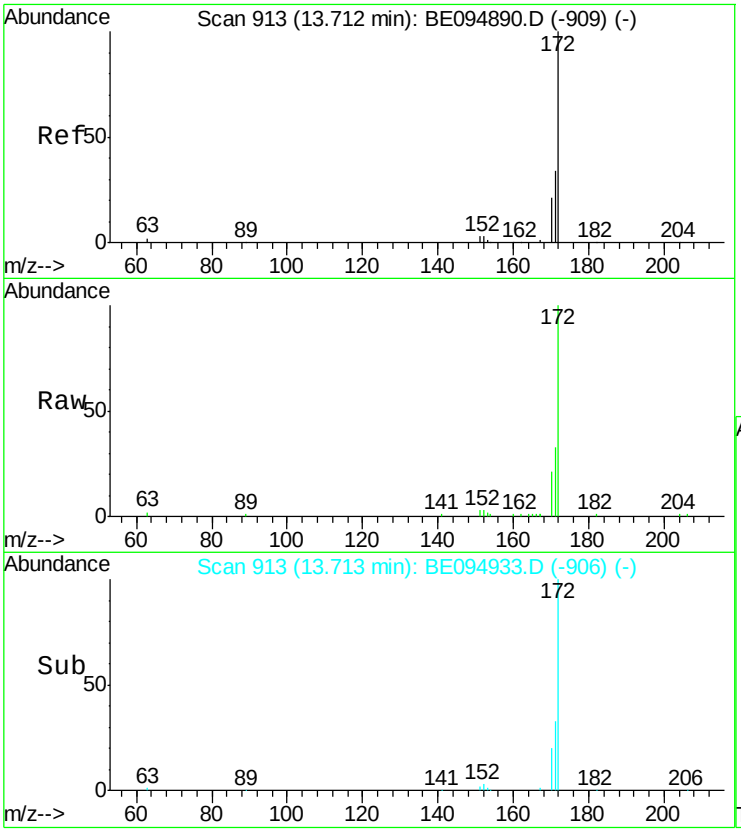


#14
2,4,6-Tribromophenol
Concen: 0.566 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:330 Resp: 1082

Ion	Ratio	Lower	Upper
330	100		
332	93.5	152.7	229.1#
141	47.9	33.7	50.5



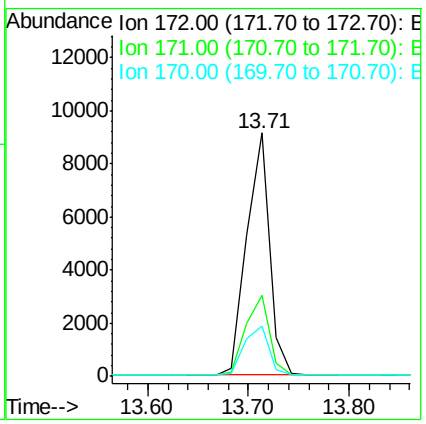


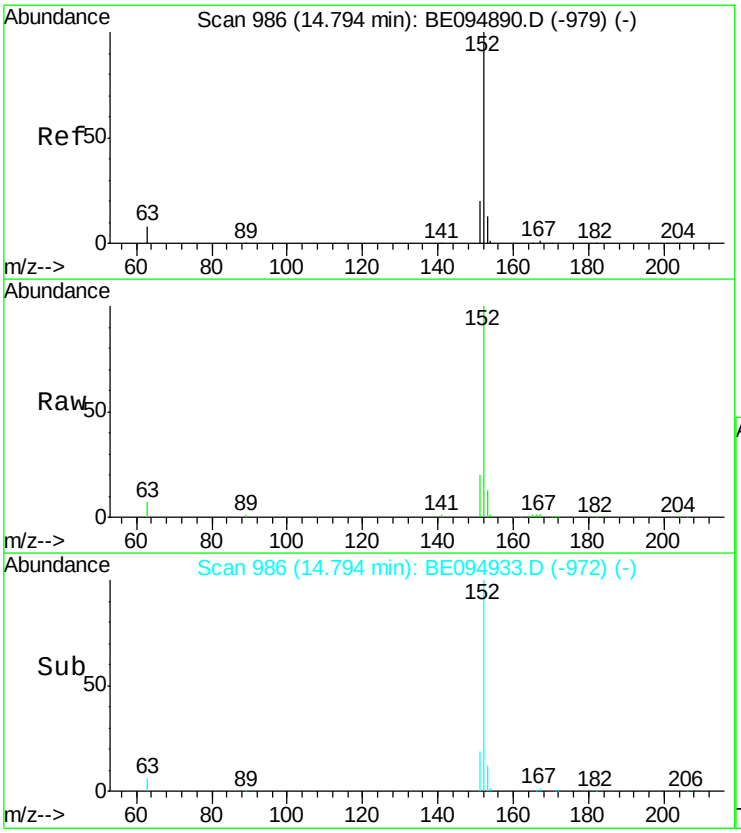
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14362

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.9	44.9
170	20.7	21.8	32.8#

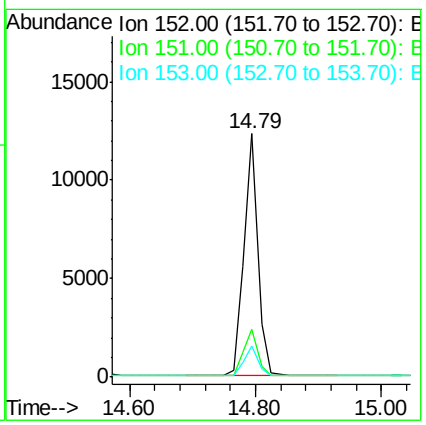


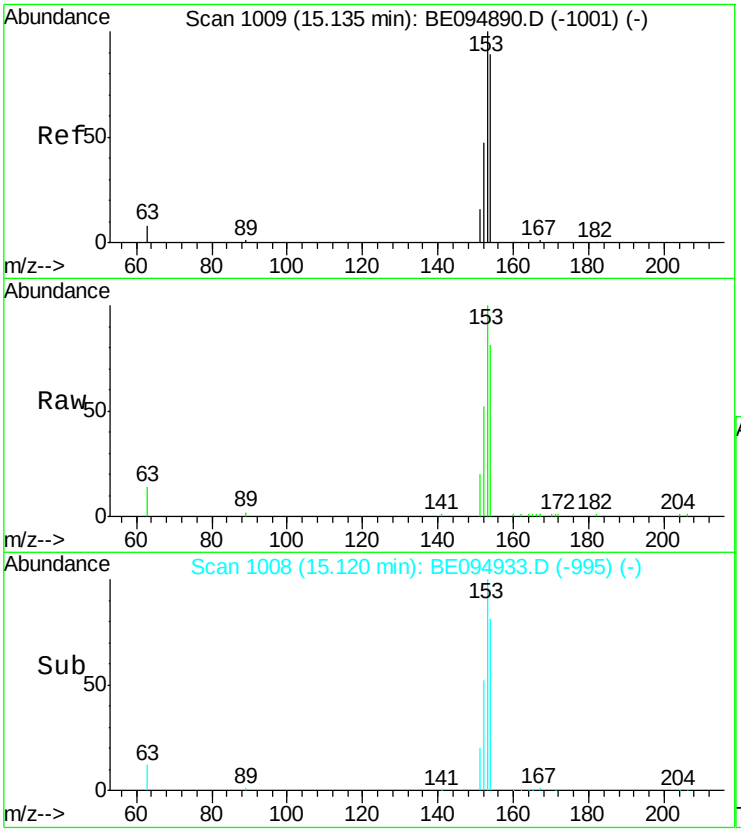


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:152 Resp: 18818

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.7	10.5	15.7



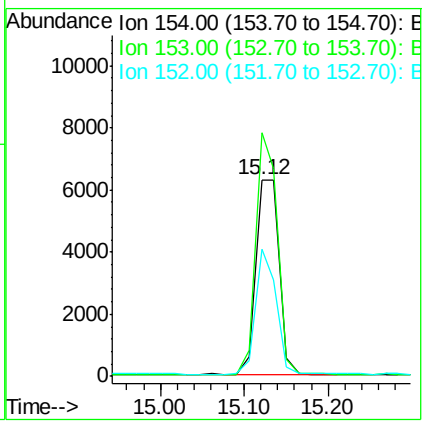


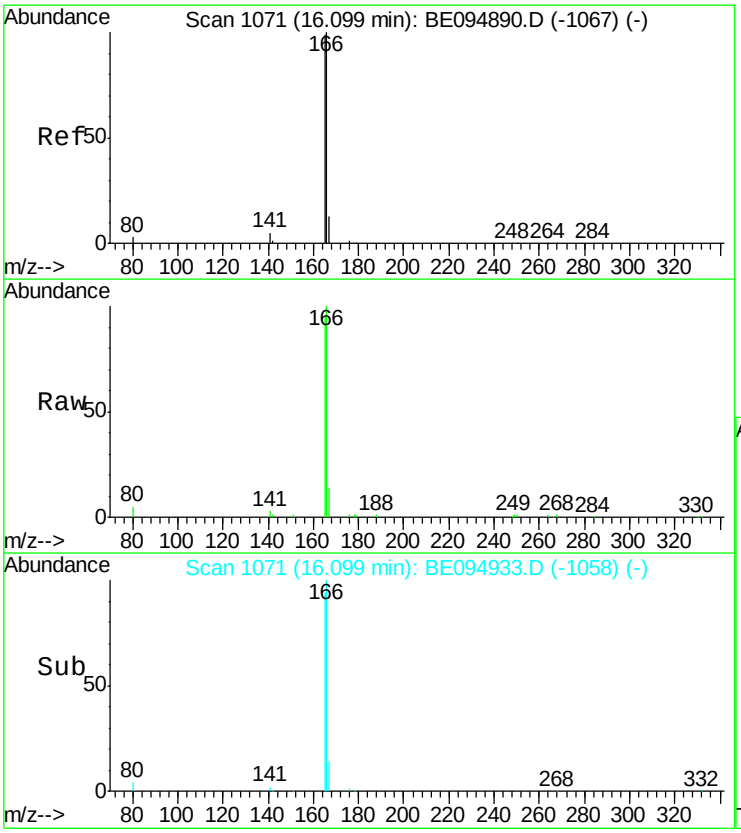
#17
Acenaphthene
Concen: 0.390 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12245

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	57.2	42.0	63.0

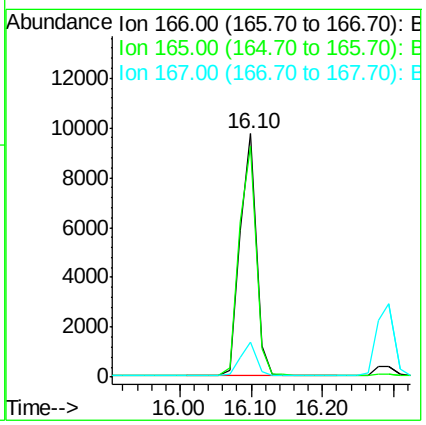


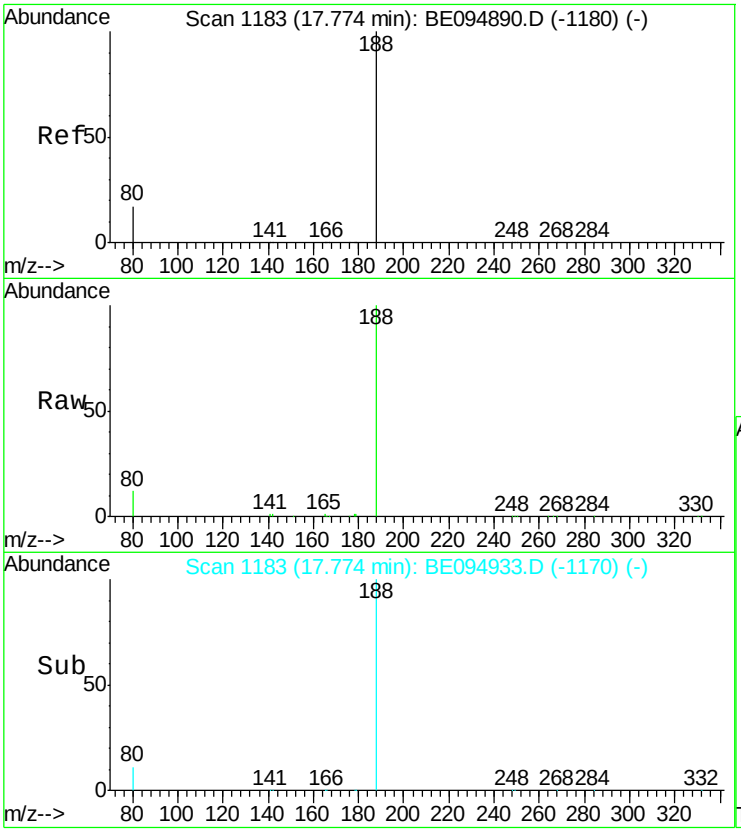


#18
Fluorene
Concen: 0.384 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:166 Resp: 15359

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.7	42.4	63.6#



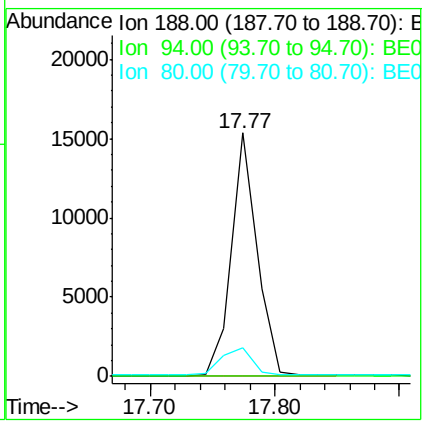


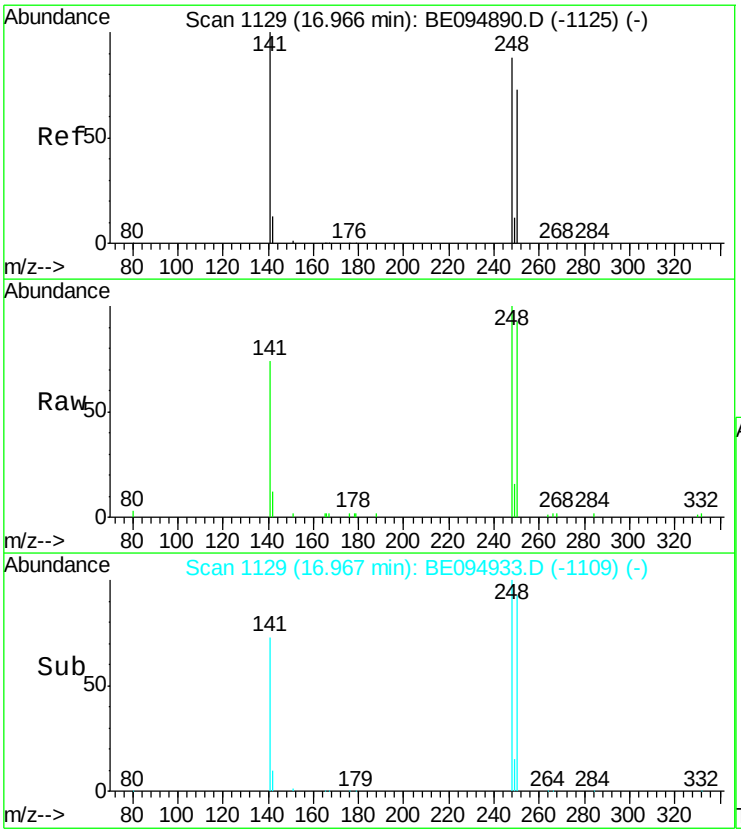
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 21555

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.9	3.6	5.4#

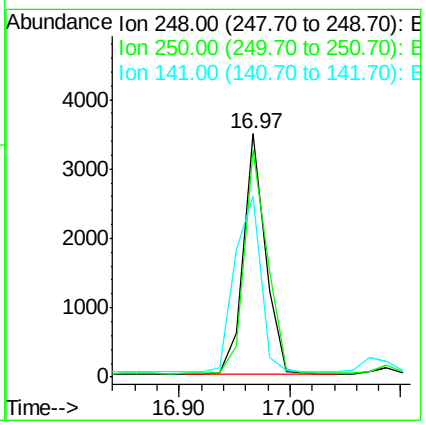


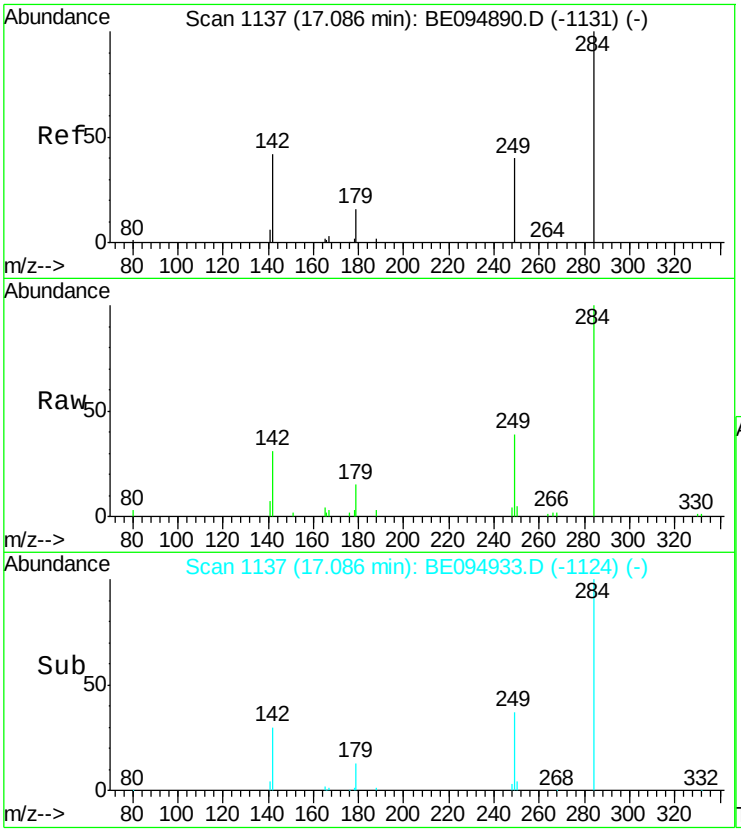


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.97 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:248 Resp: 4765

Ion	Ratio	Lower	Upper
248	100		
250	93.1	62.7	94.1
141	74.4	48.2	72.2#



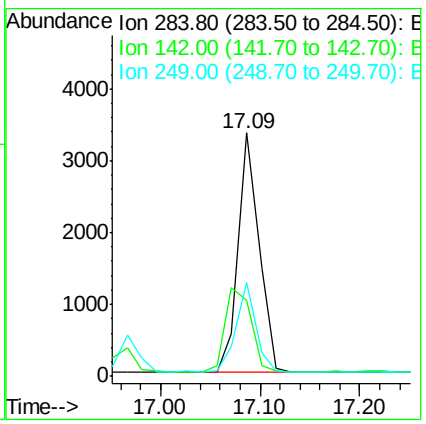


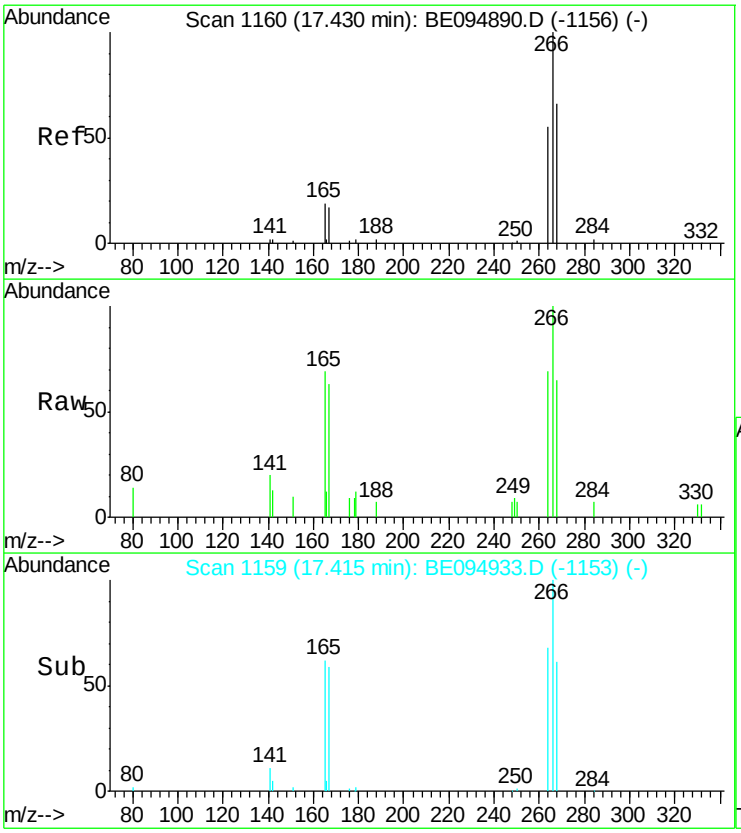
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 17.09 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4852

Ion	Ratio	Lower	Upper
284	100		
142	43.2	22.1	33.1#
249	35.7	34.8	52.2

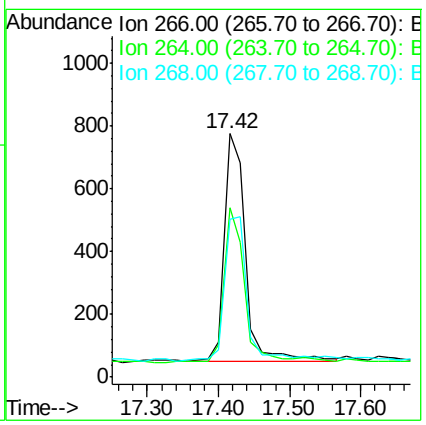


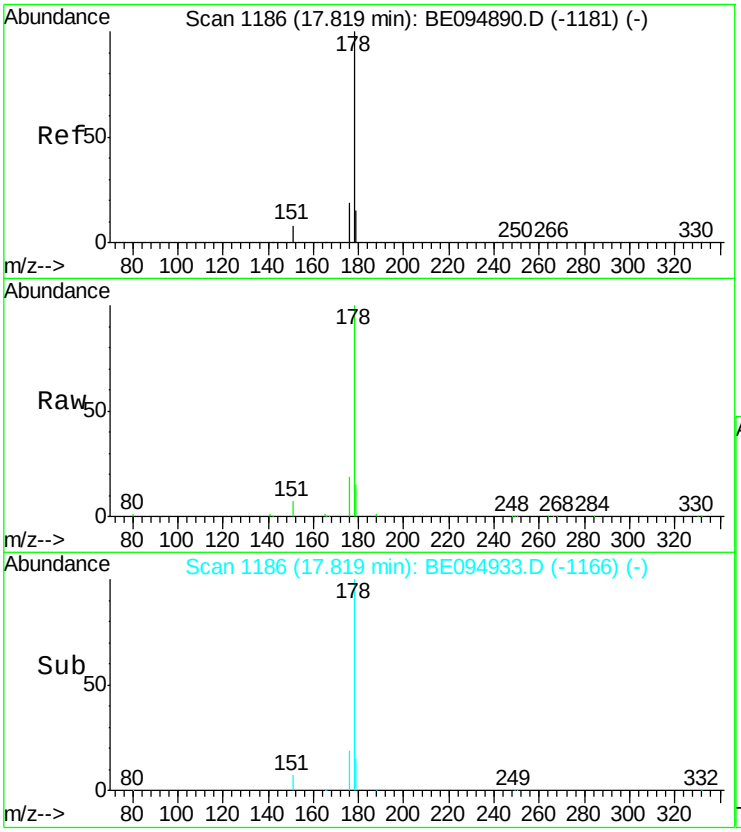


#22
Pentachlorophenol
Concen: 0.516 ng
RT: 17.42 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:266 Resp: 1488

Ion	Ratio	Lower	Upper
266	100		
264	69.3	72.5	108.7#
268	64.8	73.8	110.6#



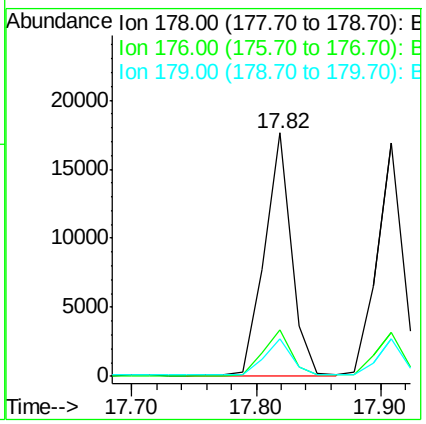


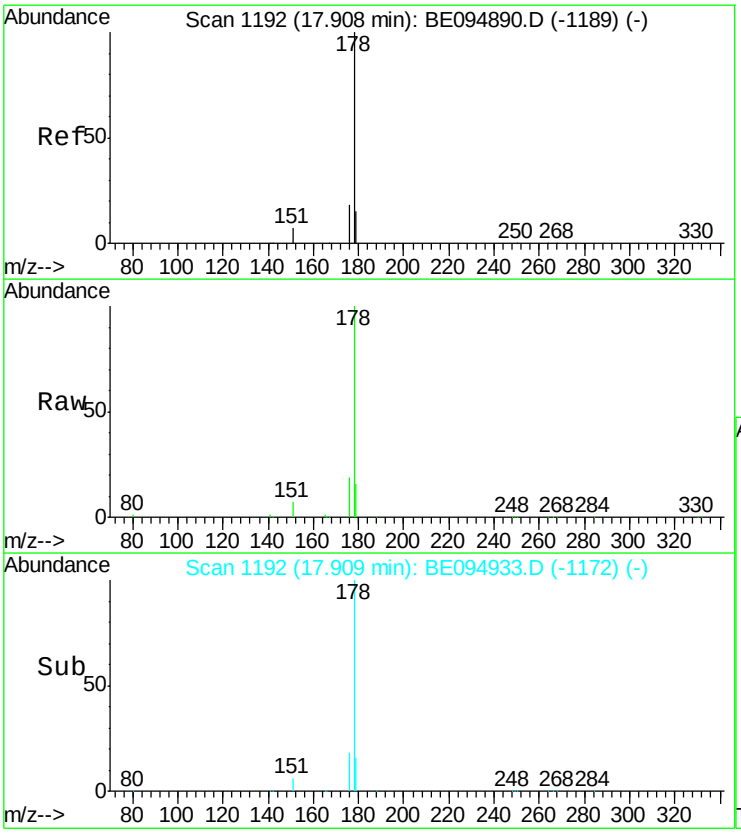
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 26401

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.6	11.8	17.6

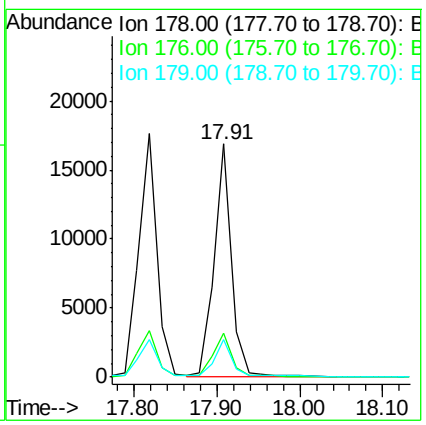


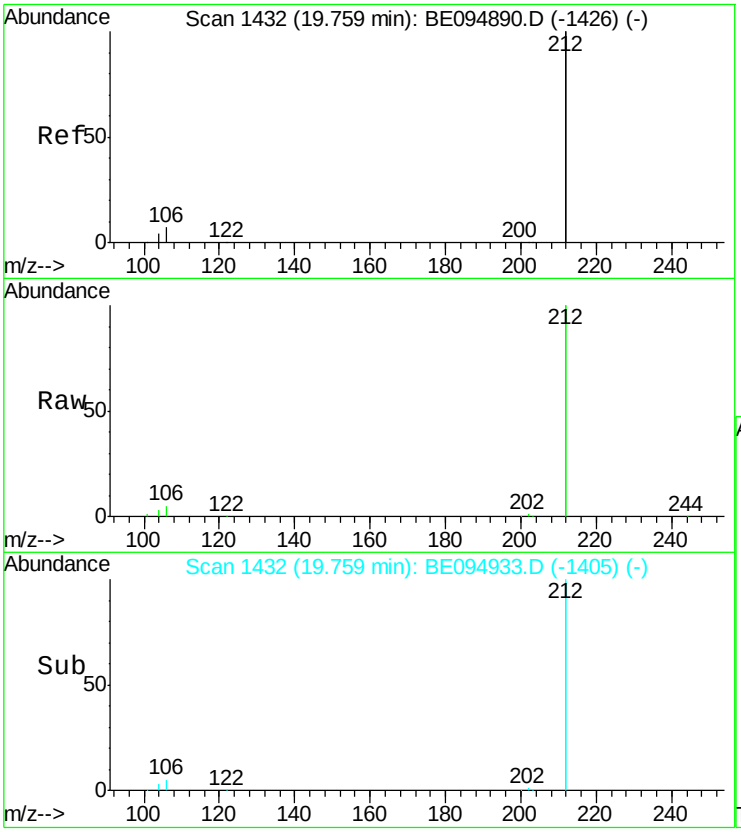


#24
Anthracene
Concen: 0.375 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:178 Resp: 27323

Ion	Ratio	Lower	Upper
178	100		
176	21.0	12.8	19.2#
179	17.7	13.0	19.6



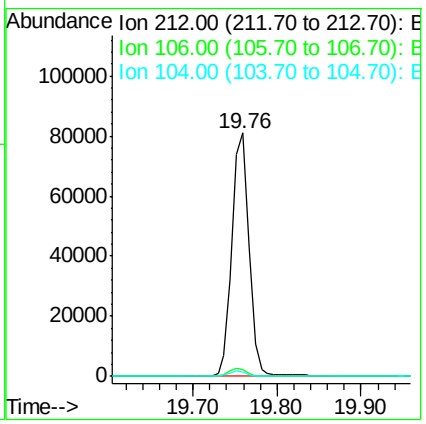


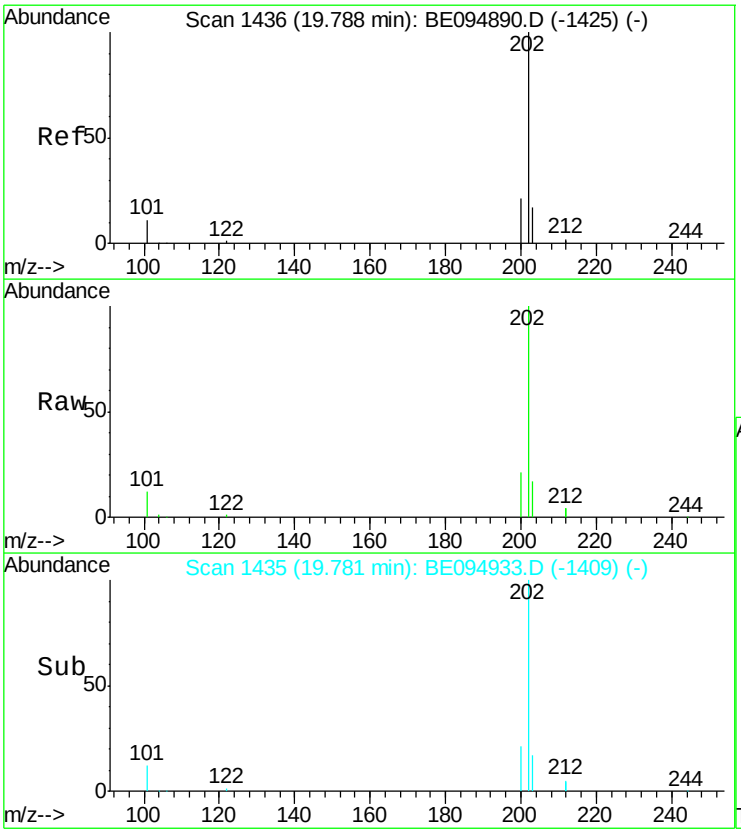
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 111258

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

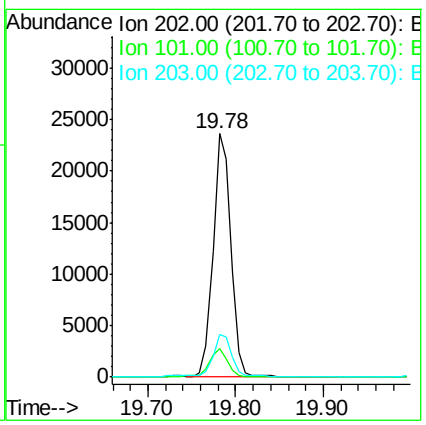


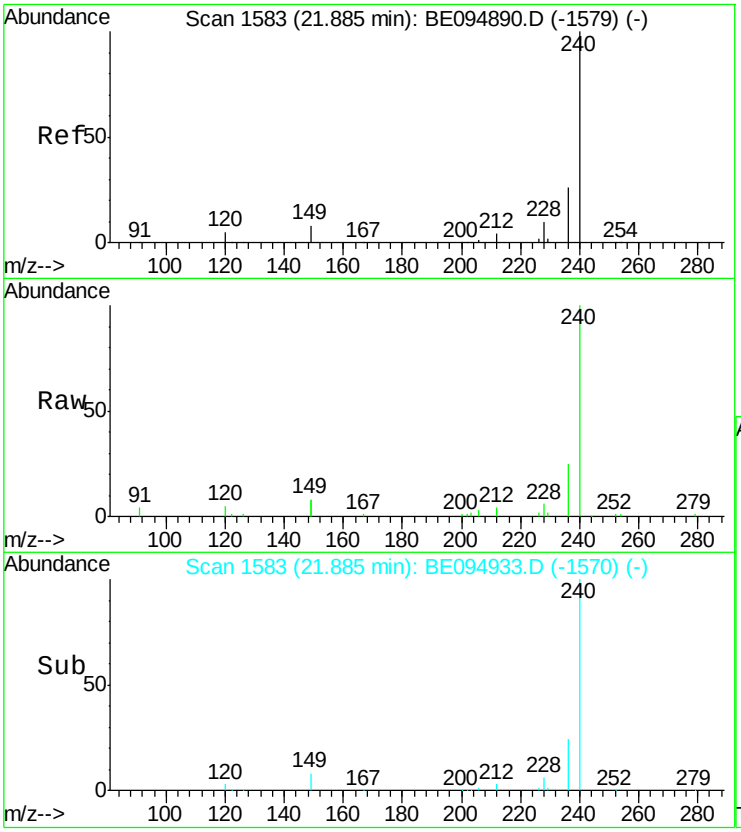


#26
Fluoranthene
Concen: 0.368 ng
RT: 19.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:202 Resp: 32476

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.5	13.7	20.5



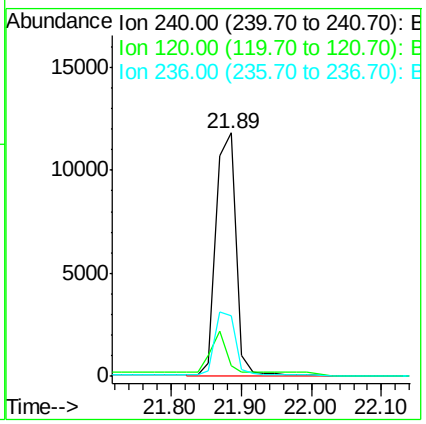


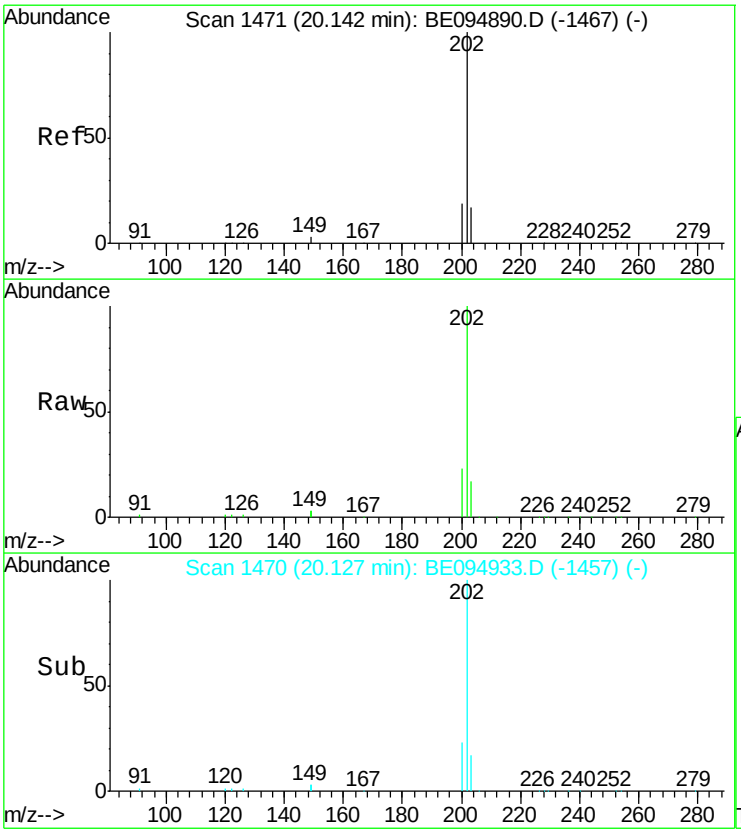
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 24396

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.5	8.3#
236	25.0	20.7	31.1

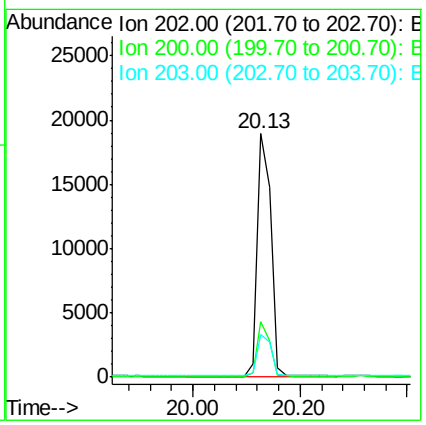


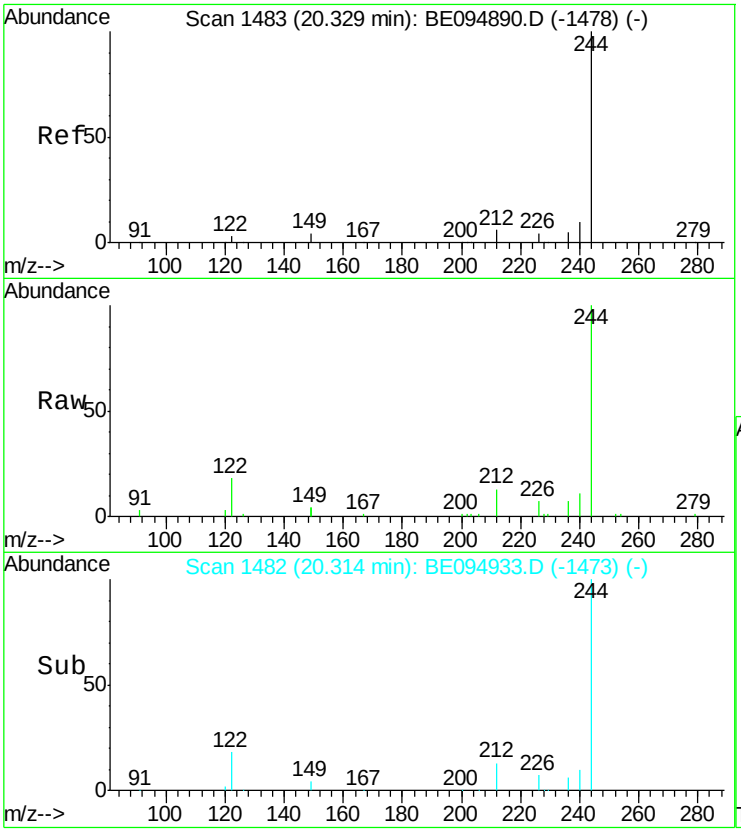


#28
Pyrene
Concen: 0.441 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:202 Resp: 37110

Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.6	25.0
203	18.6	13.8	20.8



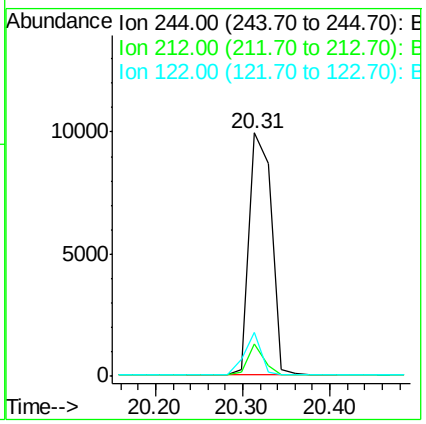


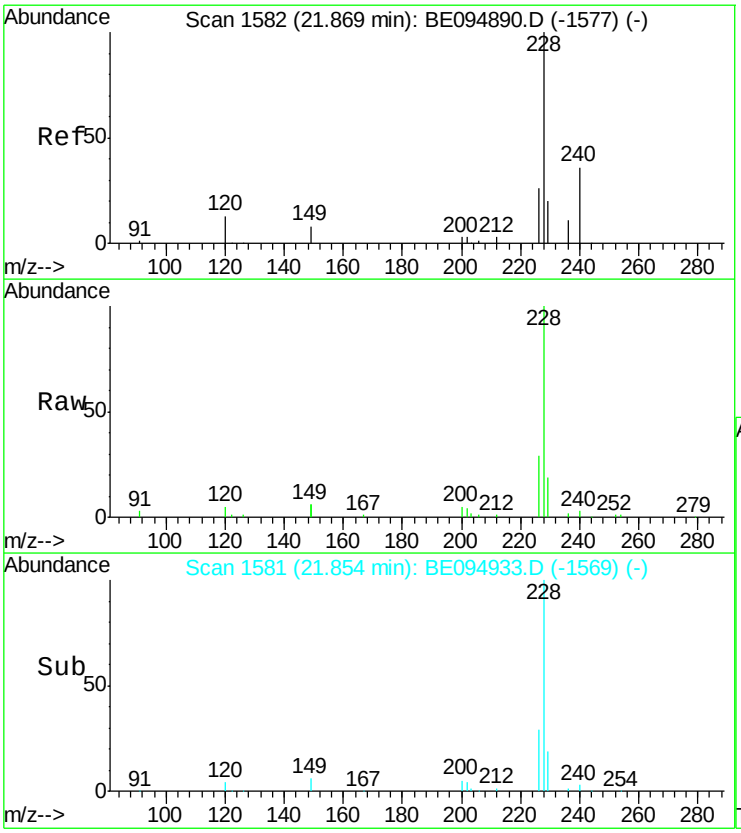
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 20.31 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 17929

Ion	Ratio	Lower	Upper
244	100		
212	13.2	25.4	38.0#
122	18.3	8.1	12.1#

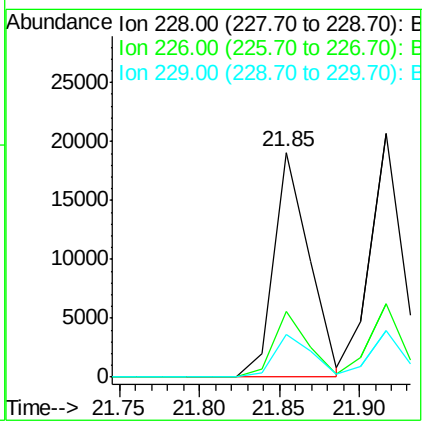


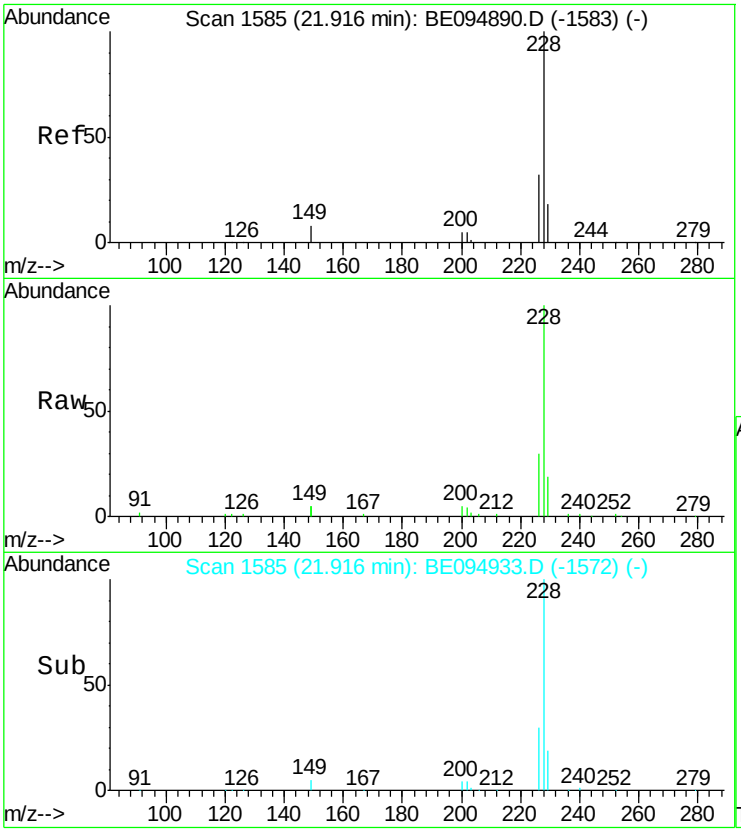


#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:228 Resp: 29385

Ion	Ratio	Lower	Upper
228	100		
226	29.1	40.0	60.0#
229	19.3	40.0	60.0#



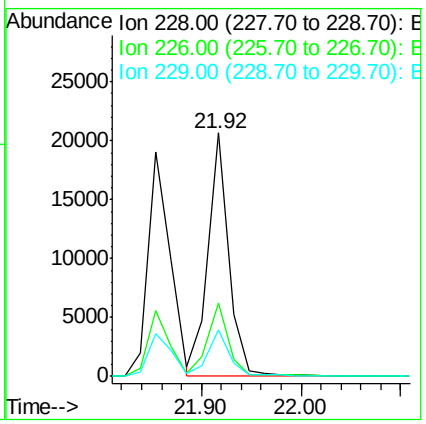


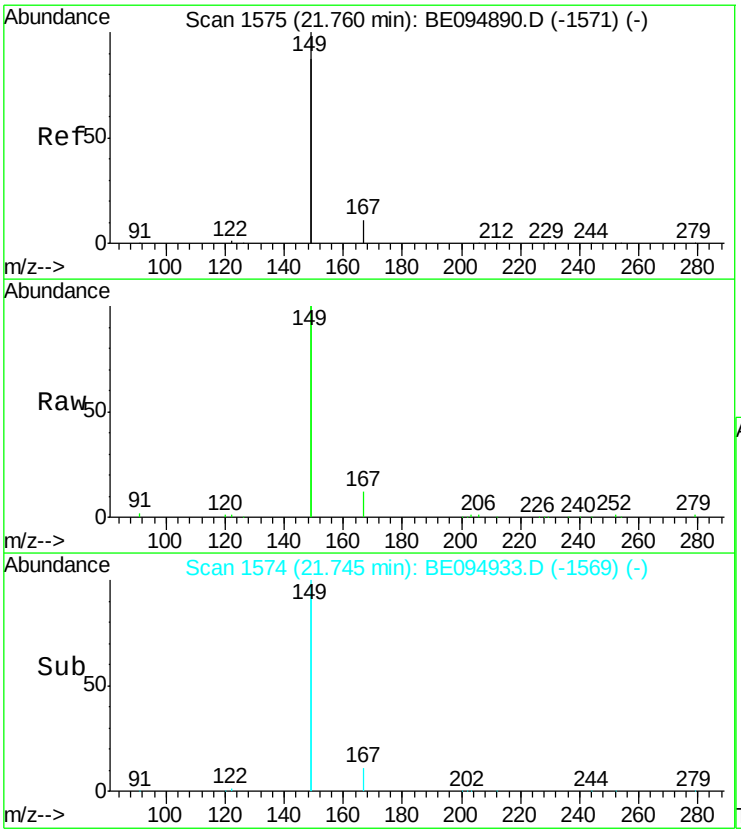
#31
Chrysene
Concen: 0.381 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 31519

Ion	Ratio	Lower	Upper
228	100		
226	30.3	40.0	60.0#
229	19.1	40.0	60.0#

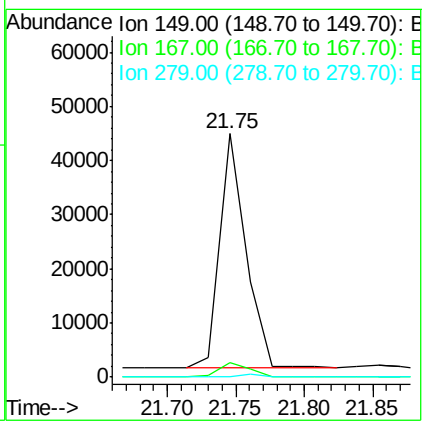


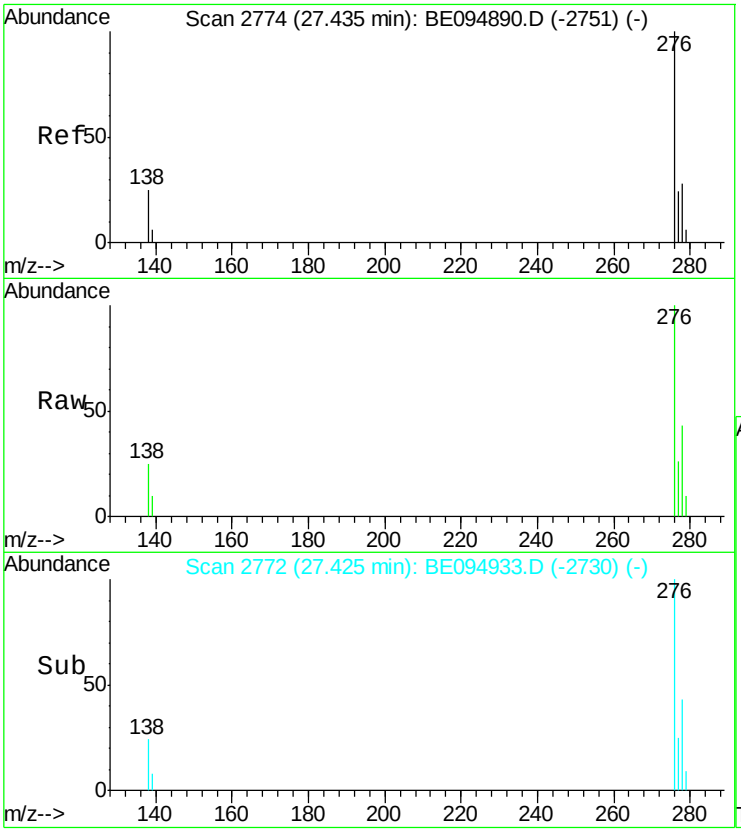


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.463 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:149 Resp: 57388

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.8	0.7	1.1



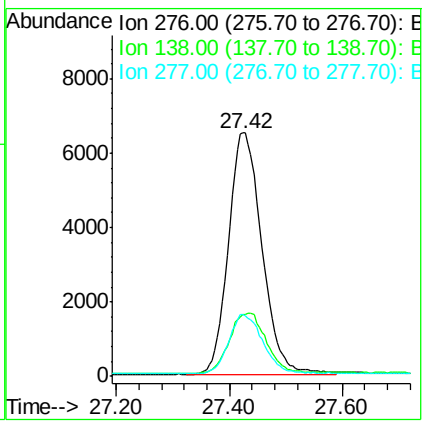


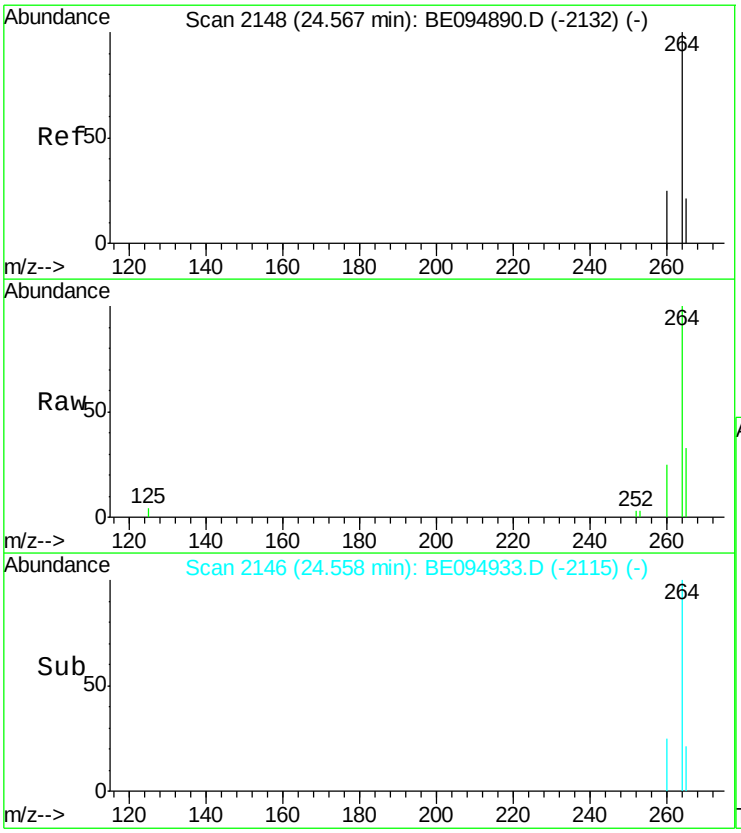
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 27.42 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 26162

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.5	33.7
277	24.9	19.9	29.9

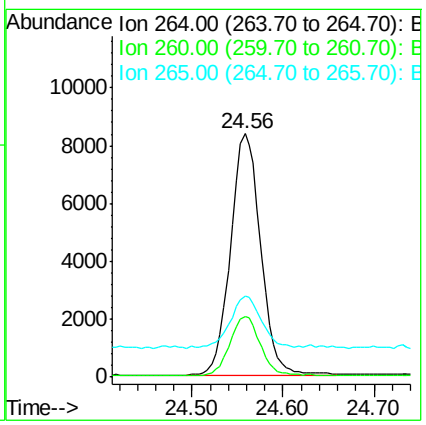


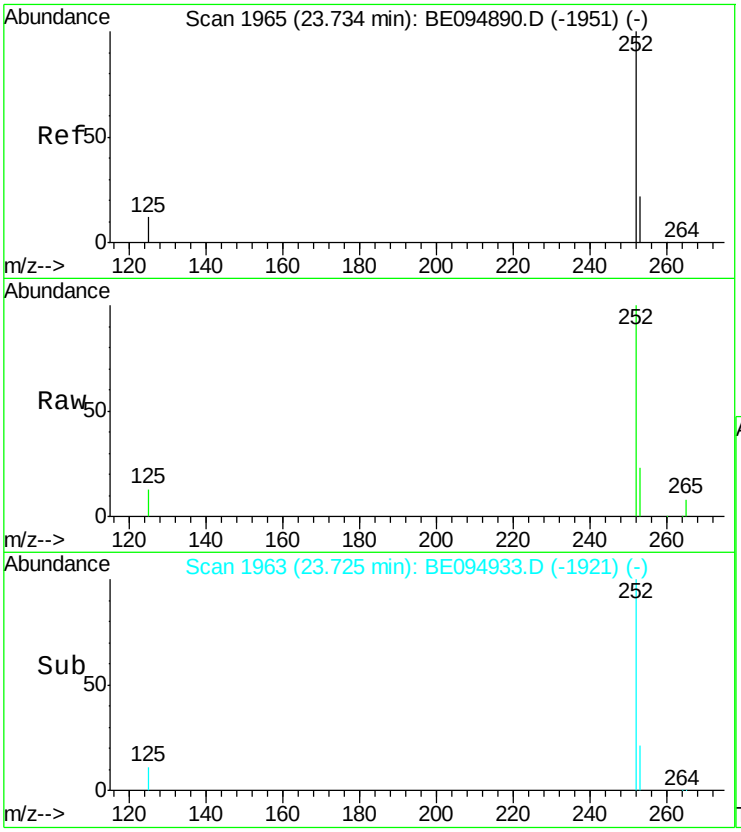


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:264 Resp: 19219

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	33.0	22.8	34.2



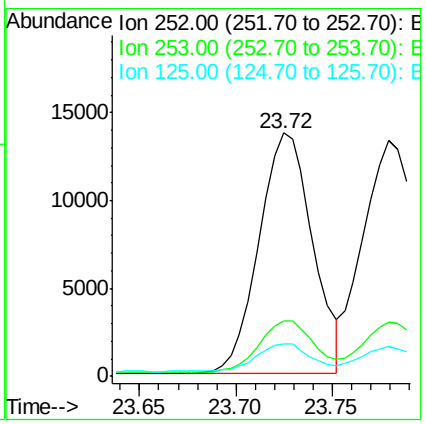


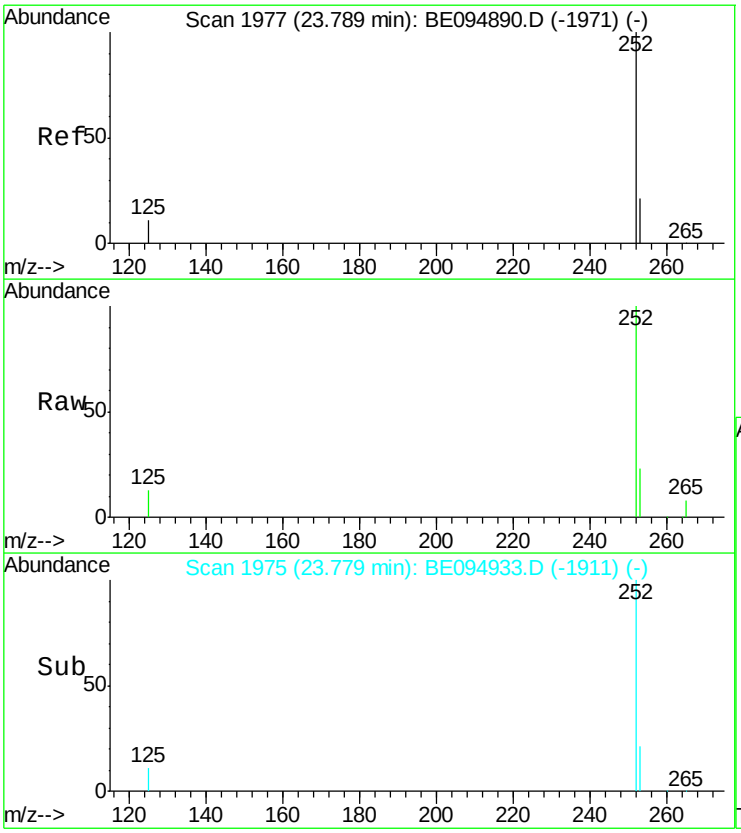
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.72 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26522

Ion	Ratio	Lower	Upper
252	100		
253	22.6	48.0	72.0#
125	13.3	56.0	84.0#

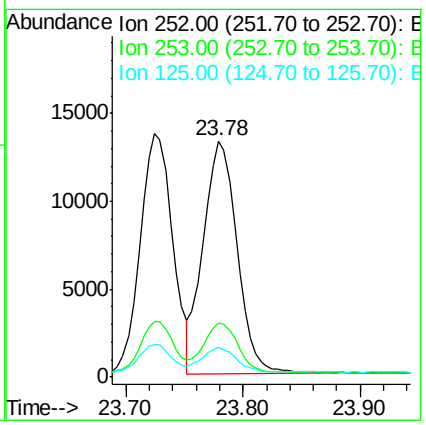


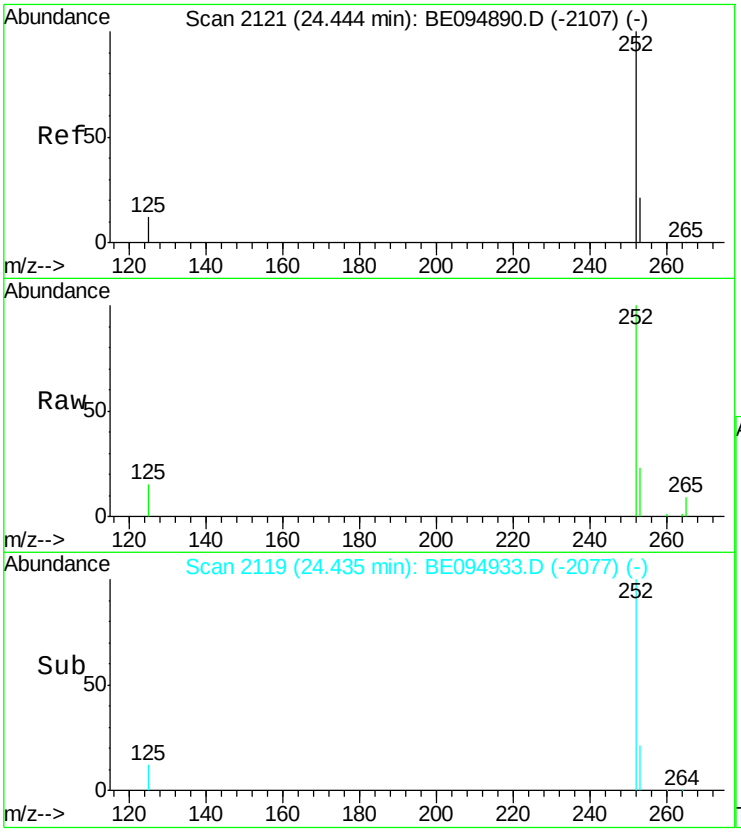


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.78 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:252 Resp: 26648

Ion	Ratio	Lower	Upper
252	100		
253	23.0	48.0	72.0#
125	12.8	56.0	84.0#



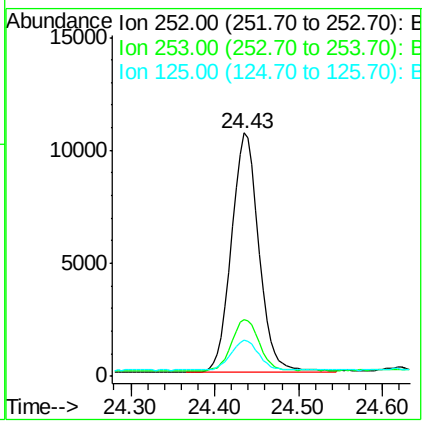


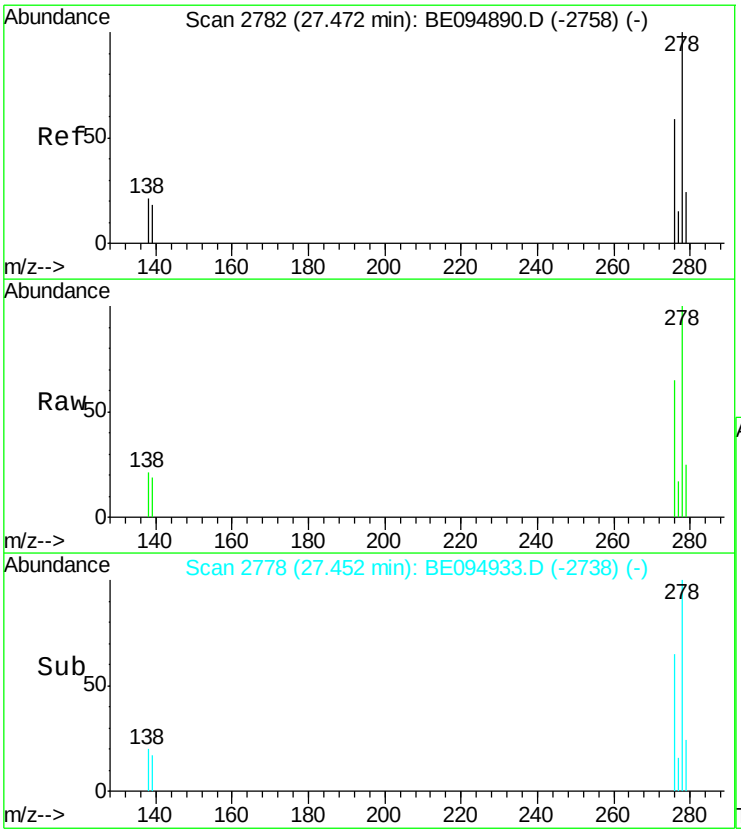
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 24.43 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24205

Ion	Ratio	Lower	Upper
252	100		
253	23.3	52.0	78.0#
125	14.8	68.0	102.0#

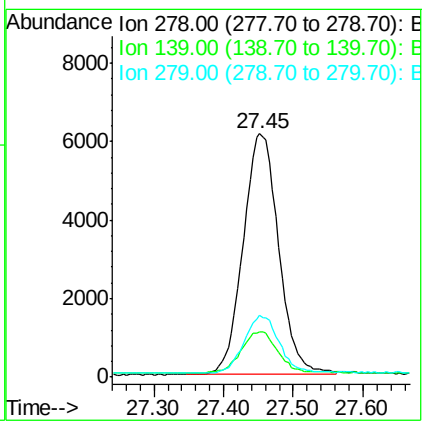


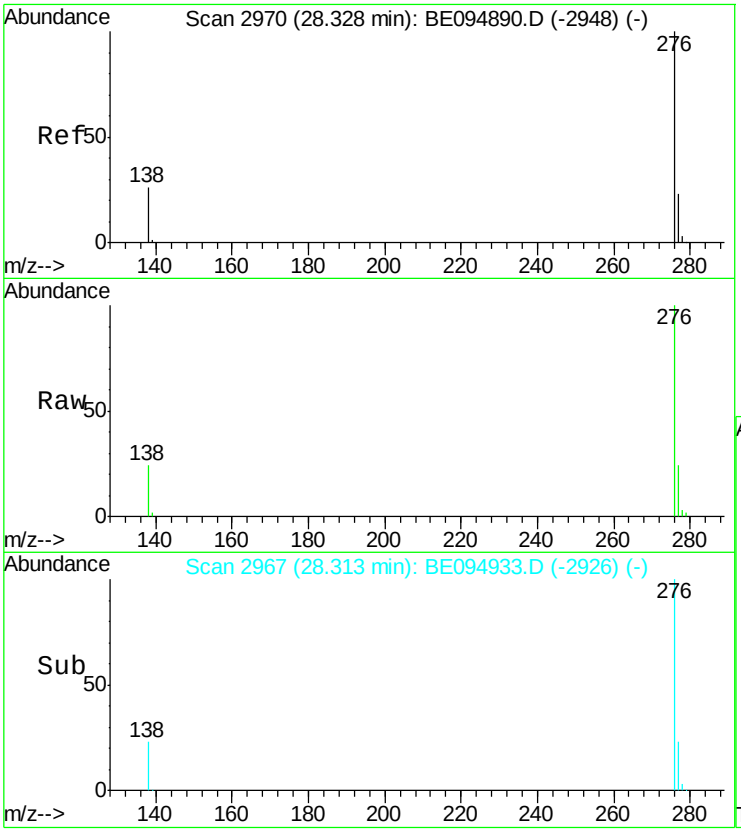


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 27.45 min Scan# 2778
Delta R.T. -0.02 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:278 Resp: 21694

Ion	Ratio	Lower	Upper
278	100		
139	18.6	56.0	84.0#
279	25.5	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 28.31 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21889

Ion	Ratio	Lower	Upper
276	100		
277	24.0	52.0	78.0#
138	23.9	44.0	66.0#