Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094931.D
Acq On : 6 Dec 2017 00:59
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 06 04:06:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	6481	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	14574	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8863	0.40	ng		-0.01
19) Phenanthrene-d10	17.77	188	22007	0.40	ng		0.00
27) Chrysene-d12	21.89	240	24868	0.40	ng		0.00
34) Perylene-d12	24.56	264	20233	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	4543	0.44	ng		0.00
5) Phenol-d6	7.60	99	6665	0.44	ng		0.00
8) Nitrobenzene-d5	9.66	82	4790	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9409	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1385	0.68	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14268	0.38	ng		0.00
25) Fluoranthene-d10	19.76	212	117242	0.39	ng		0.00
29) Terphenyl-d14	20.33	244	18614	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	2521	0.372	ng	#	89
3) n-Nitrosodimethylamine	4.03	42	3719	0.430	ng	#	78
6) bis(2-Chloroethyl)ether	7.88	93	5771	0.383	ng		96
9) Naphthalene	11.38	128	66023	0.386	ng		100
10) Hexachlorobutadiene	11.64	225	2944	0.408	ng		98
12) 2-Methylnaphthalene	12.94	142	17007	0.401	ng		96
16) Acenaphthylene	14.79	152	19162	0.383	ng		100
17) Acenaphthene	15.14	154	12474	0.385	ng		98
18) Fluorene	16.10	166	15836	0.385	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	5006	0.408	ng	#	79
21) Hexachlorobenzene	17.09	284	4843	0.404	ng	#	80
22) Pentachlorophenol	17.43	266	1986	0.634	ng	#	70
23) Phenanthrene	17.82	178	26820	0.382	ng		98
24) Anthracene	17.91	178	28230	0.380	ng	#	92
26) Fluoranthene	19.79	202	33990	0.377	ng		99
28) Pyrene	20.13	202	34942	0.407	ng		99
30) Benzo(a)anthracene	21.85	228	30560	0.401	ng	#	63
31) Chrysene	21.92	228	32112	0.381	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.75	149	74579	0.590	ng		100
33) Indeno(1,2,3-cd)pyrene	27.42	276	26981	0.391	ng		98
35) Benzo(b)fluoranthene	23.73	252	27996	0.379	ng	#	41
36) Benzo(k)fluoranthene	23.78	252	27089	0.360	ng	#	40
37) Benzo(a)pyrene	24.44	252	25026	0.386	ng	#	34
38) Dibenzo(a,h)anthracene	27.46	278	22858	0.382	ng	#	43
39) Benzo(g,h,i)perylene	28.32	276	22697	0.380	ng	#	53

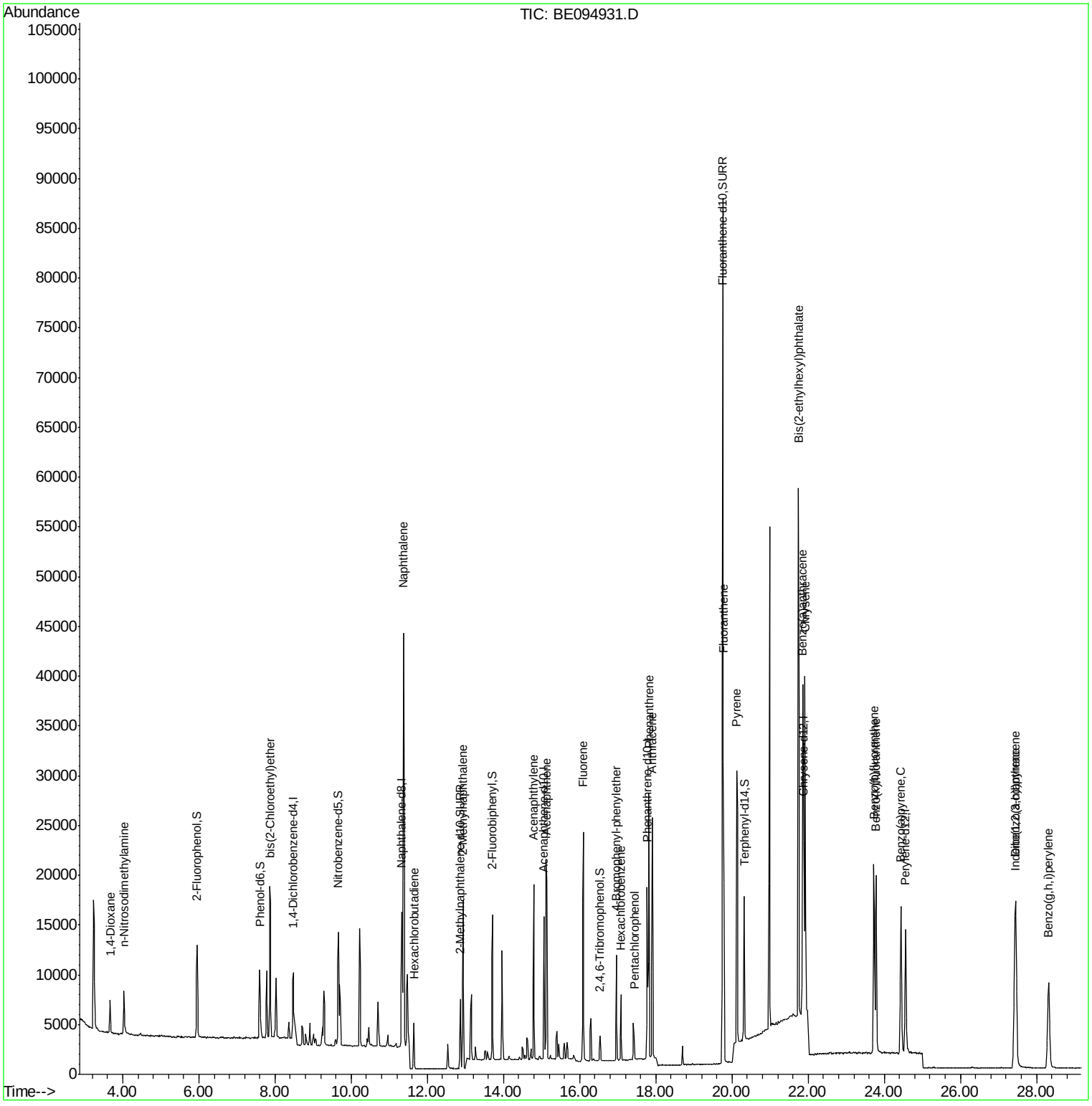
(#) = qualifier out of range (m) = manual integration (+) = signals summed

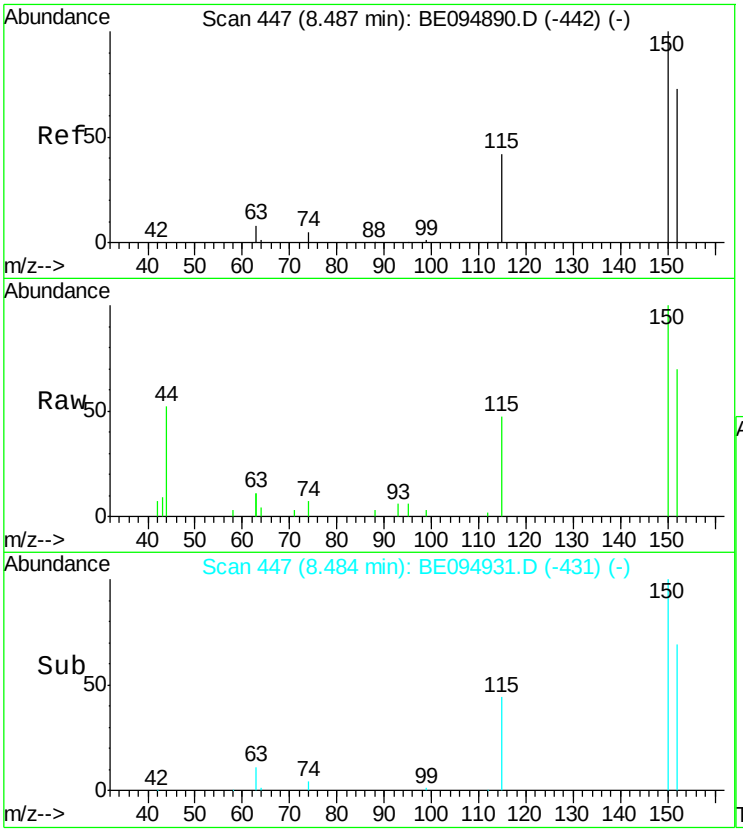
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094931.D
Acq On : 6 Dec 2017 00:59
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 06 04:06:49 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



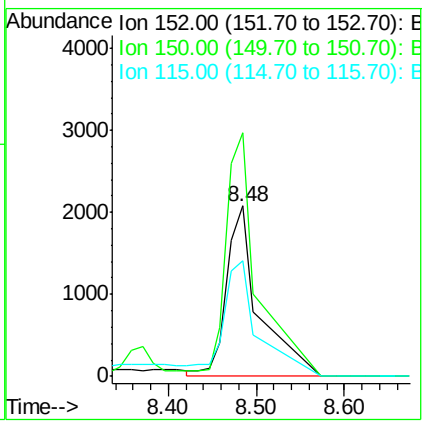


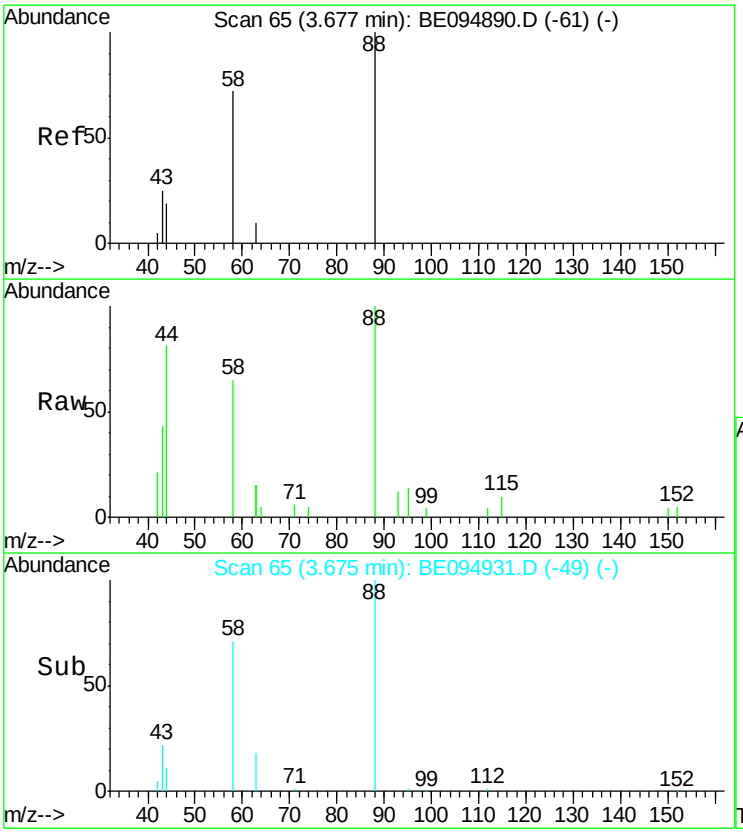
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6481

Ion	Ratio	Lower	Upper
152	100		
150	142.9	117.2	175.8
115	67.8	57.0	85.6

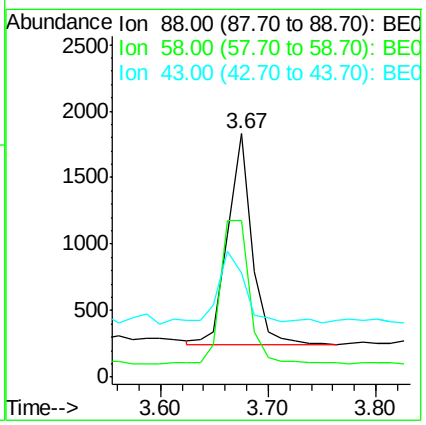


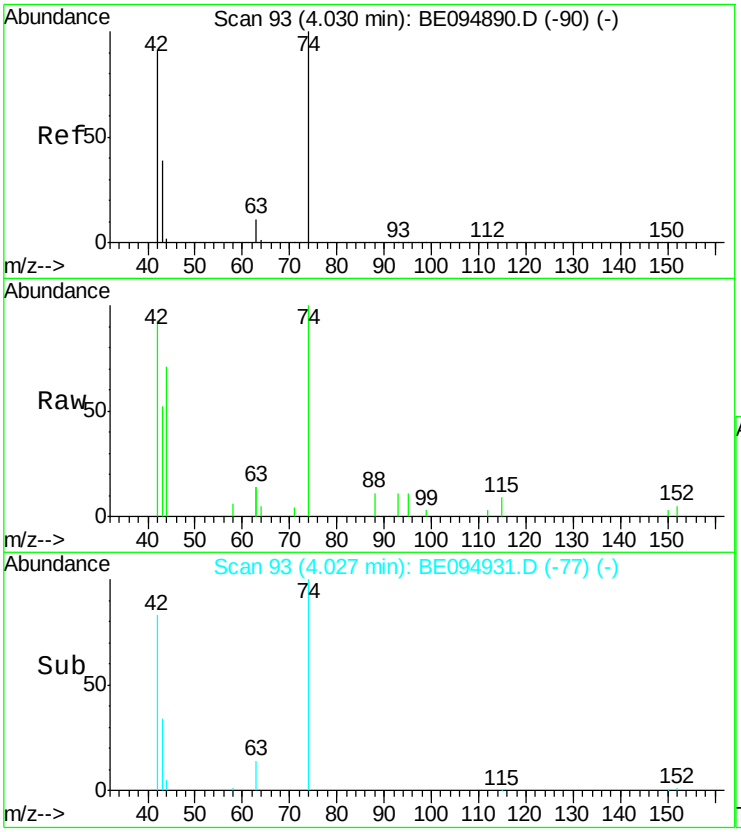


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion: 88 Resp: 2521

Ion	Ratio	Lower	Upper
88	100		
58	81.9	63.2	94.8
43	35.1	41.2	61.8#



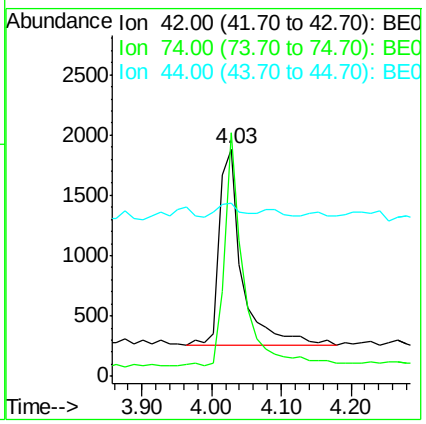


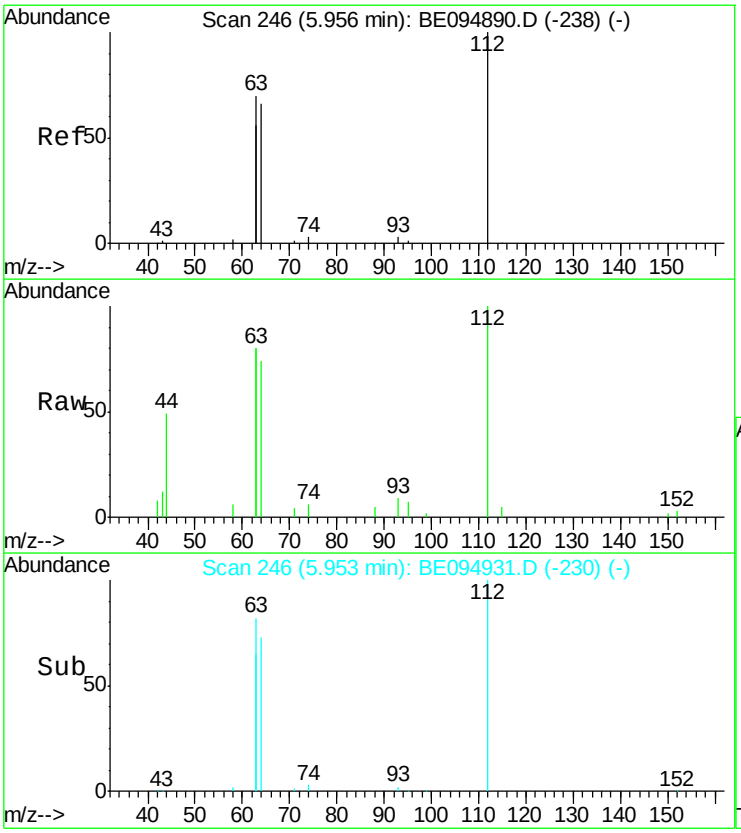
#3
n-Nitrosodimethylamine
Concen: 0.430 ng
RT: 4.03 min Scan# 93
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3719

Ion	Ratio	Lower	Upper
42	100		
74	101.6	100.3	150.5
44	7.4	17.0	25.4#

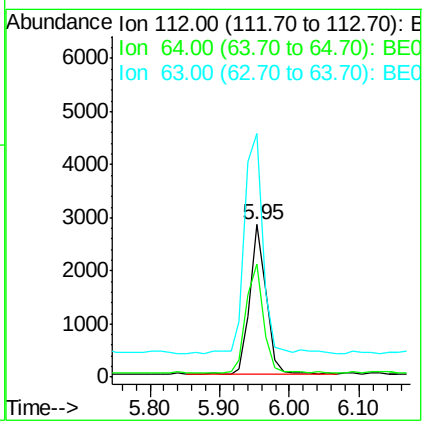


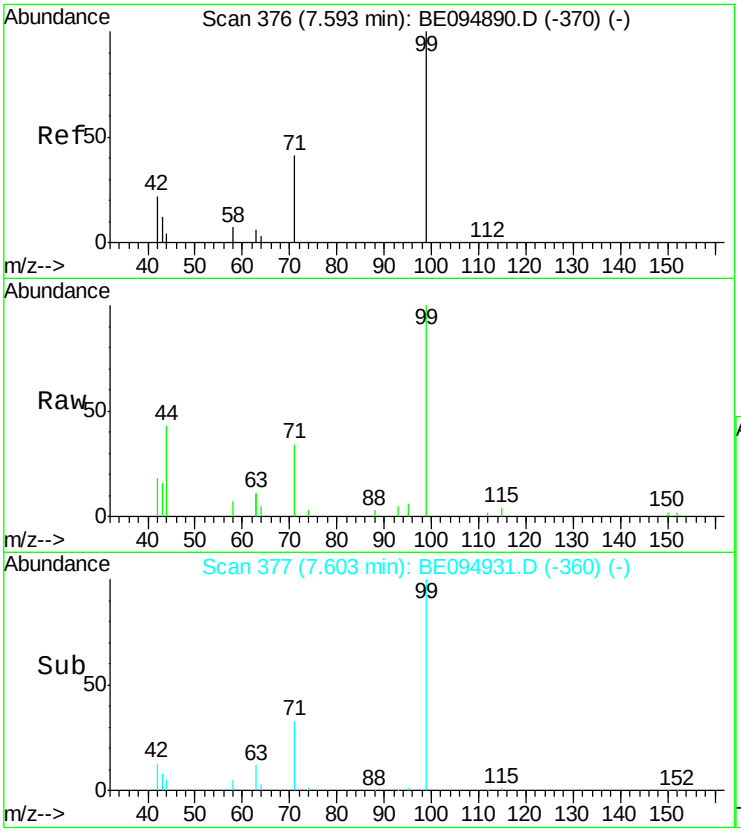


#4
2-Fluorophenol
Concen: 0.443 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:112 Resp: 4543

Ion	Ratio	Lower	Upper
112	100		
64	77.6	60.1	90.1
63	163.3	116.8	175.2



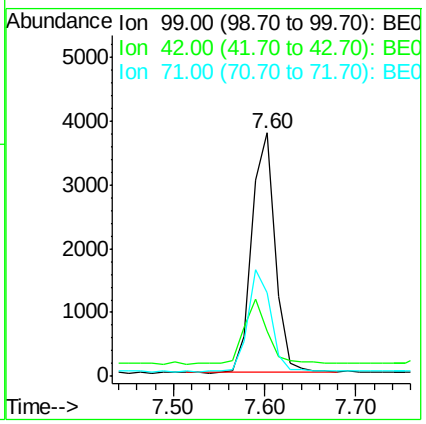


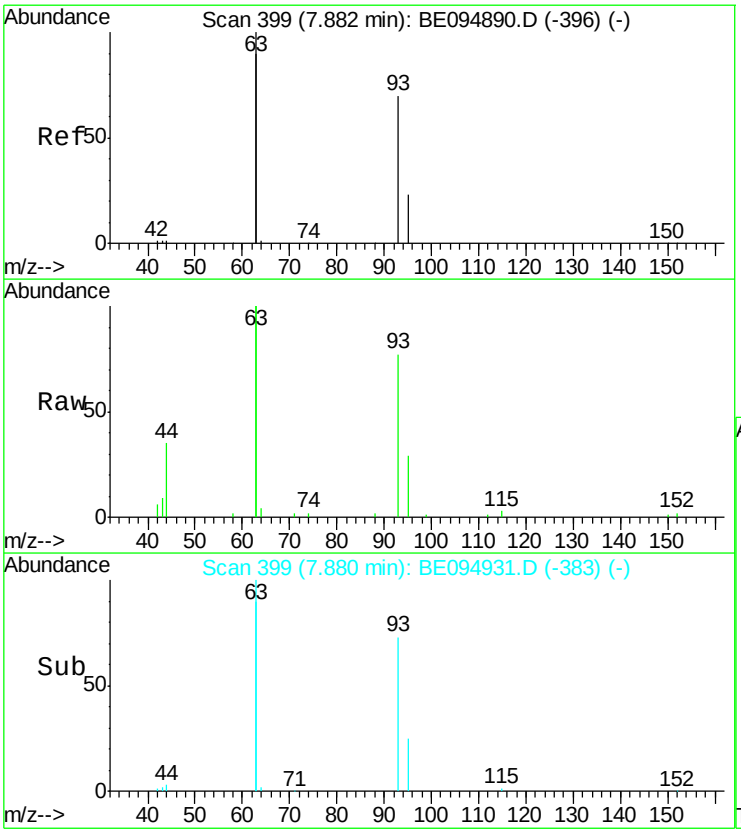
#5
Phenol-d6
Concen: 0.439 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6665

Ion	Ratio	Lower	Upper
99	100		
42	26.2	20.2	30.2
71	42.6	28.4	42.6

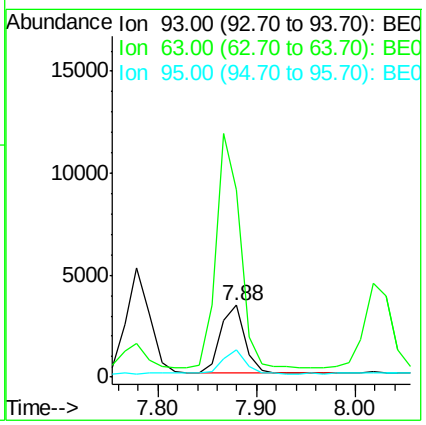


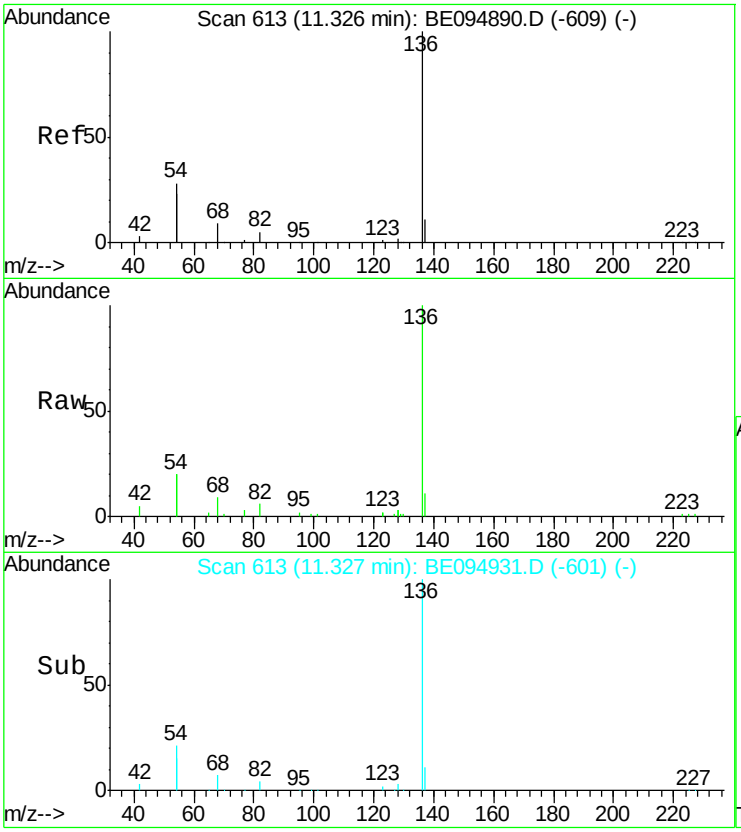


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion: 93 Resp: 5771

Ion	Ratio	Lower	Upper
93	100		
63	333.9	275.3	412.9
95	32.5	25.2	37.8



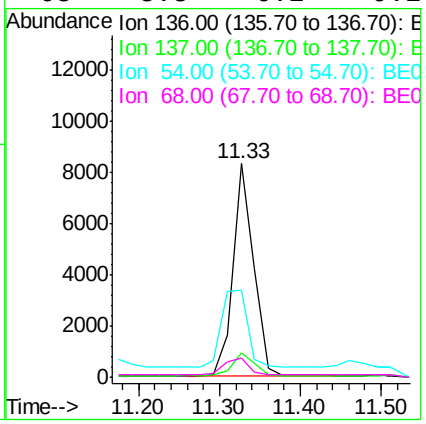


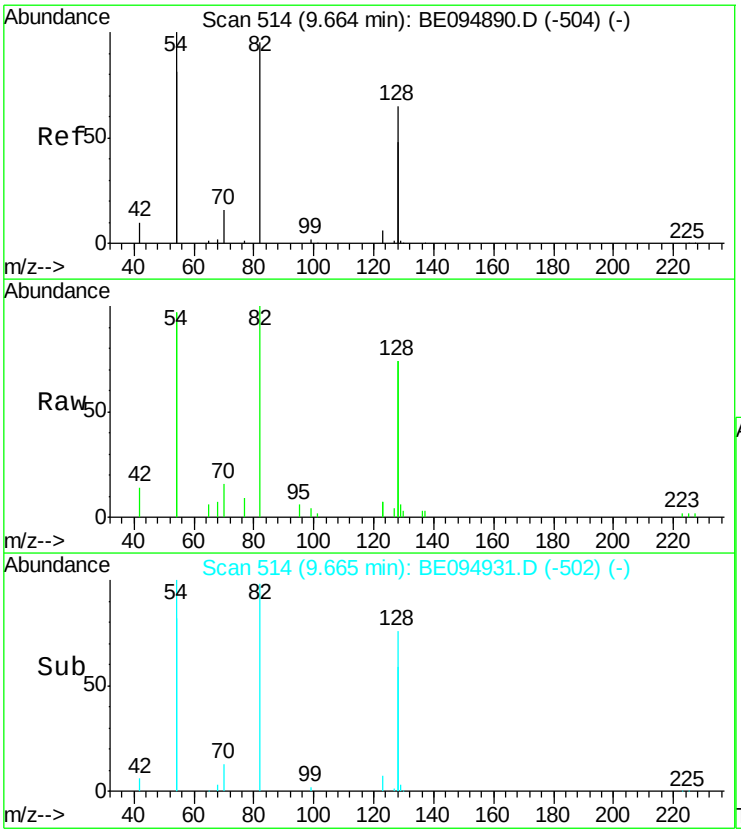
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14574

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	40.7	29.1	43.7
68	8.8	6.2	9.2

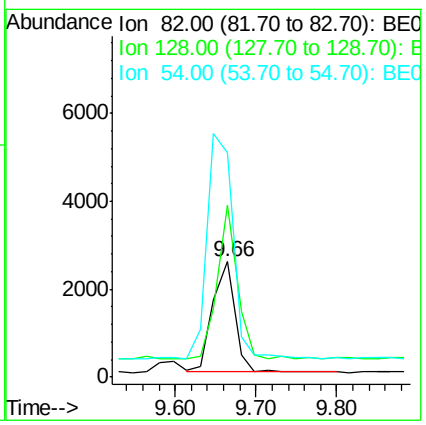


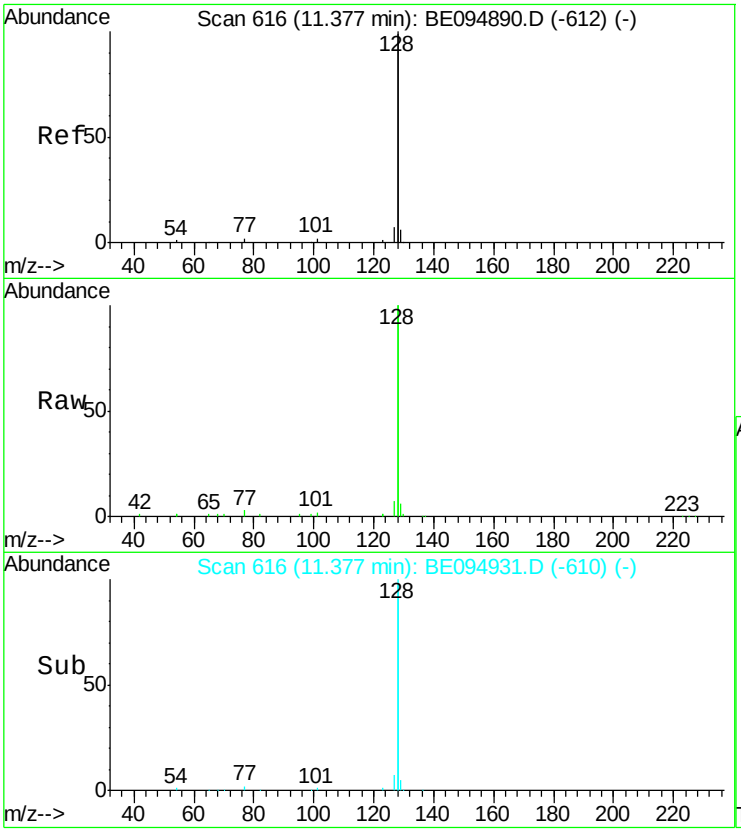


#8
Nitrobenzene-d5
Concen: 0.555 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion: 82 Resp: 4790

Ion	Ratio	Lower	Upper
82	100		
128	148.3	150.0	225.0#
54	194.4	154.2	231.4



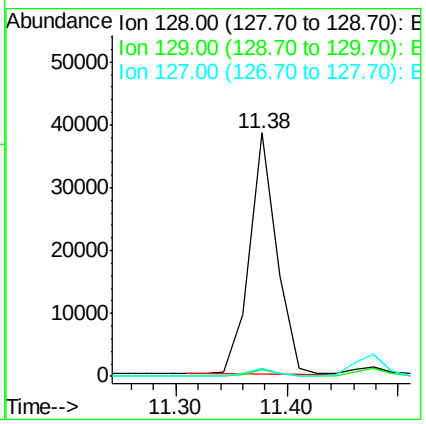


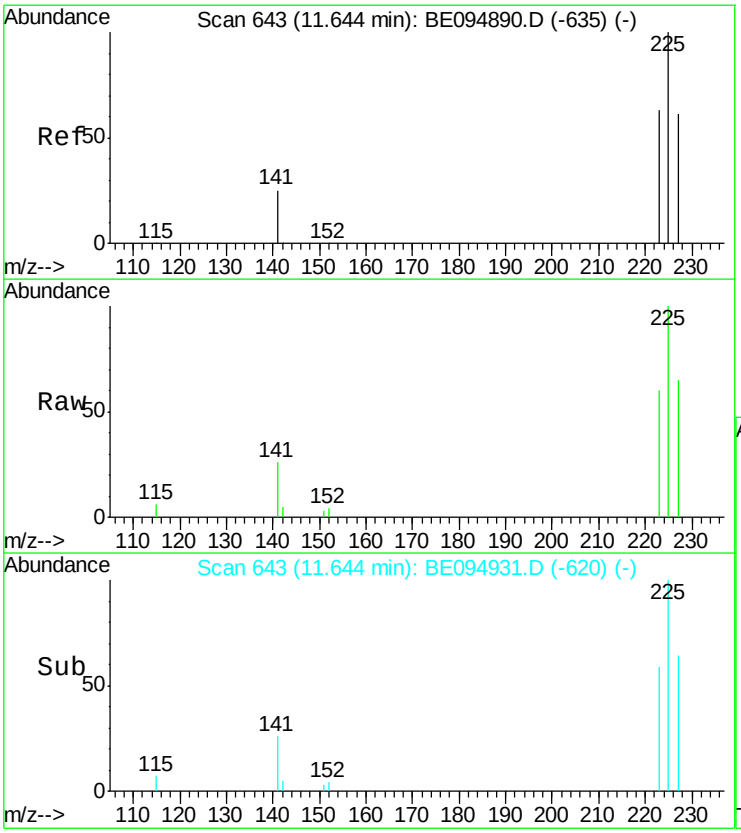
#9
Naphthalene
Concen: 0.386 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 66023

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

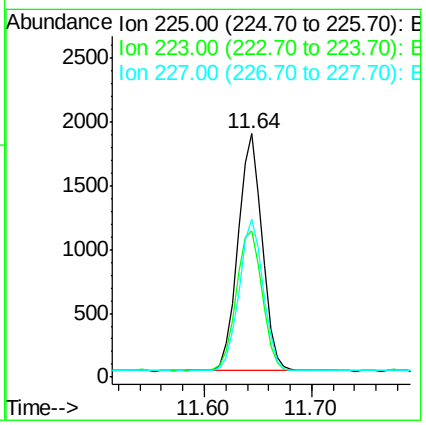


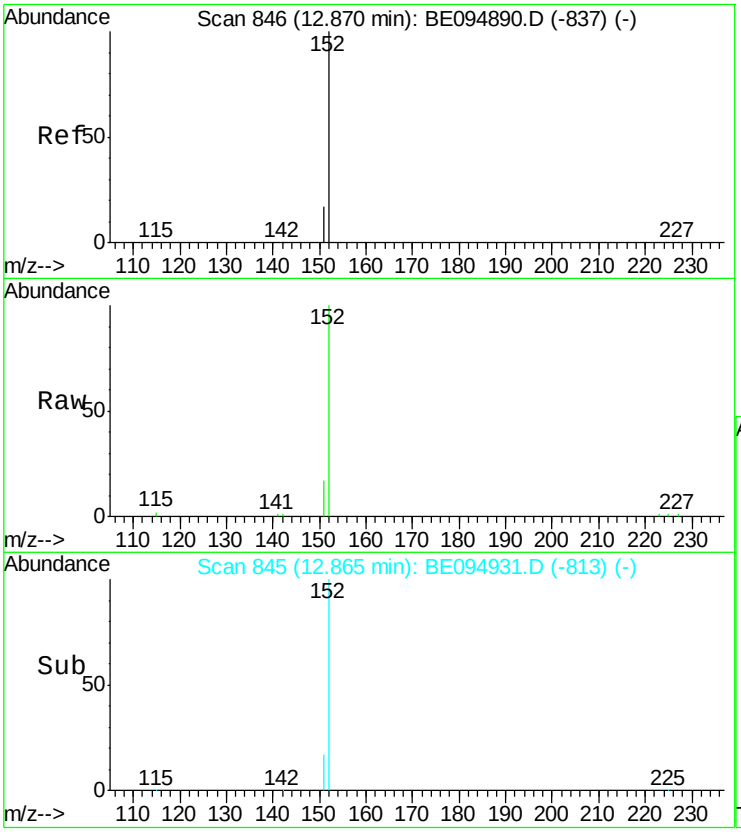


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:225 Resp: 2944

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	64.1	51.4	77.2



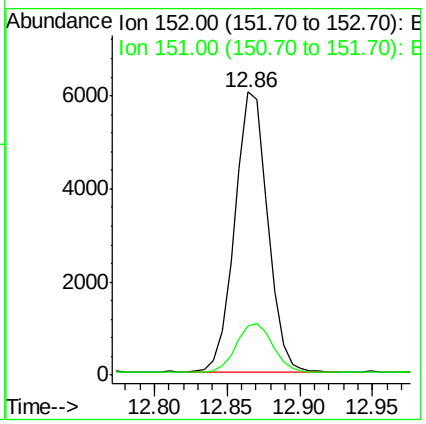


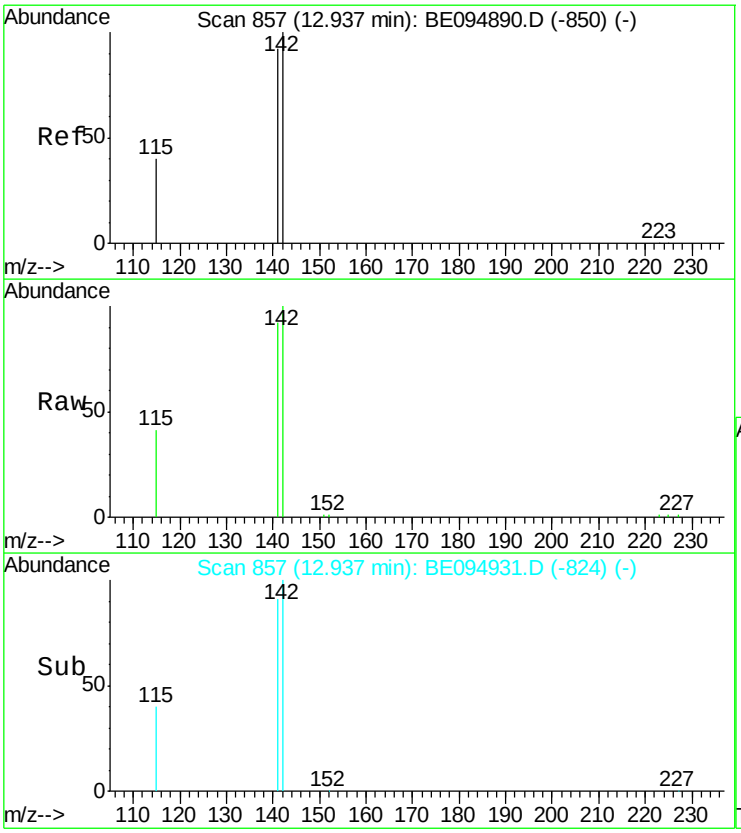
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9409

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

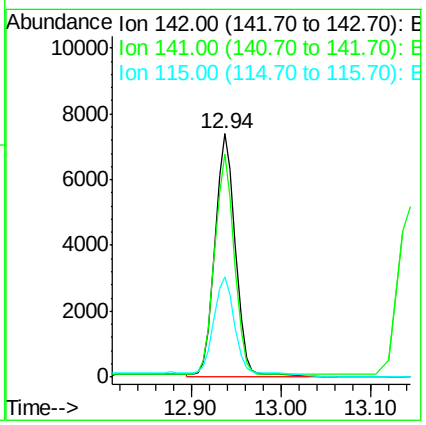


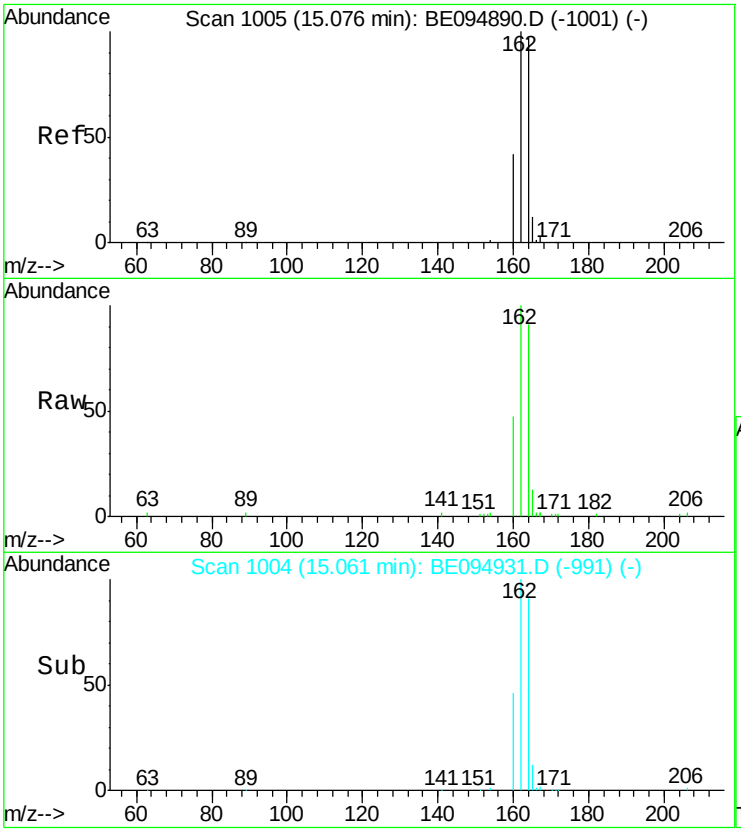


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:142 Resp: 17007

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.4	105.6
115	41.3	31.7	47.5



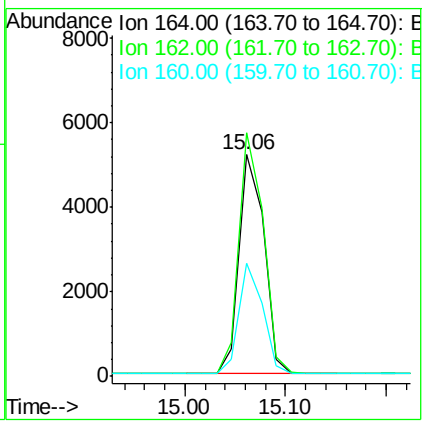


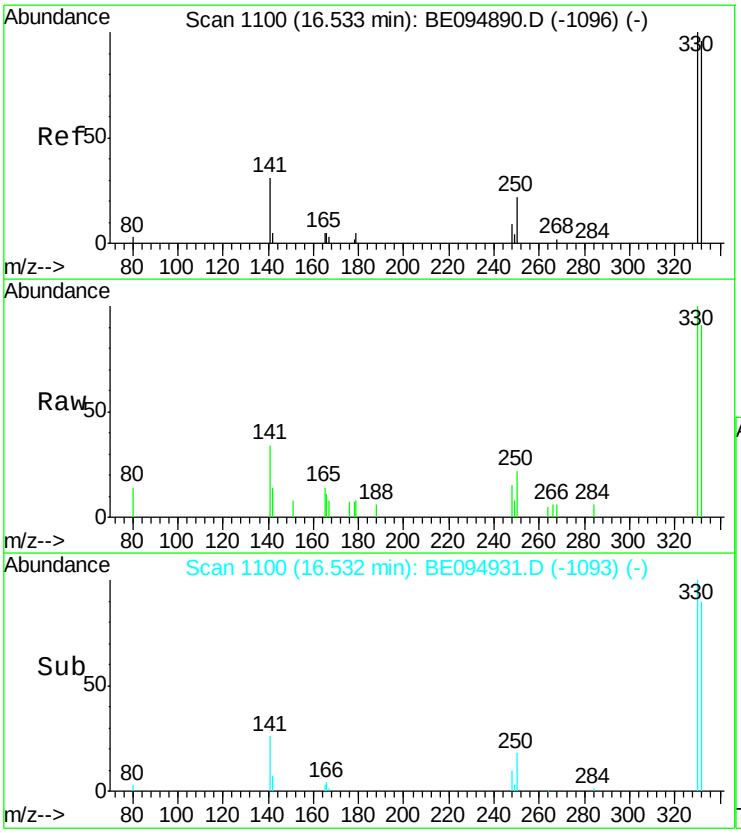
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8863

Ion	Ratio	Lower	Upper
164	100		
162	110.0	83.1	124.7
160	51.2	37.1	55.7

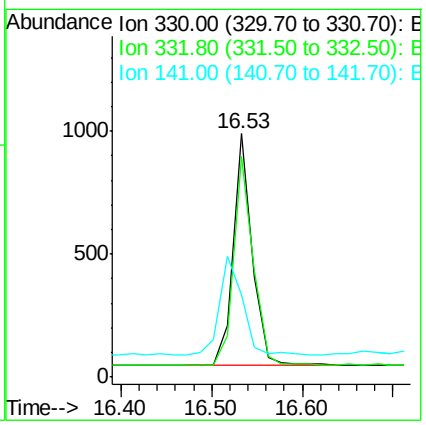


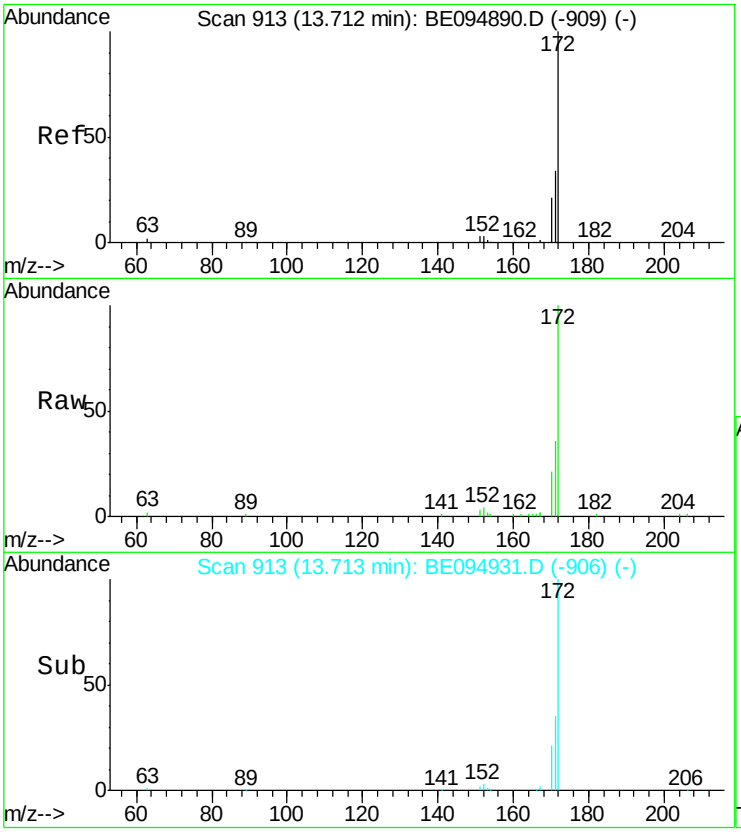


#14
2,4,6-Tribromophenol
Concen: 0.676 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:330 Resp: 1385

Ion	Ratio	Lower	Upper
330	100		
332	92.3	152.7	229.1#
141	50.8	33.7	50.5#



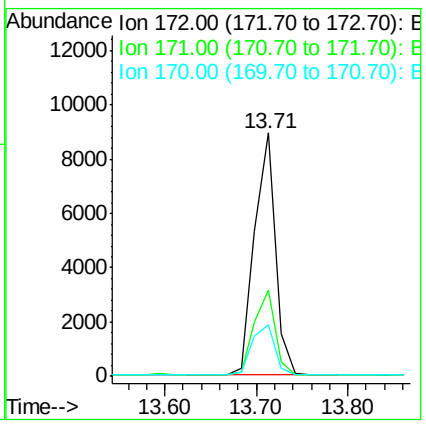


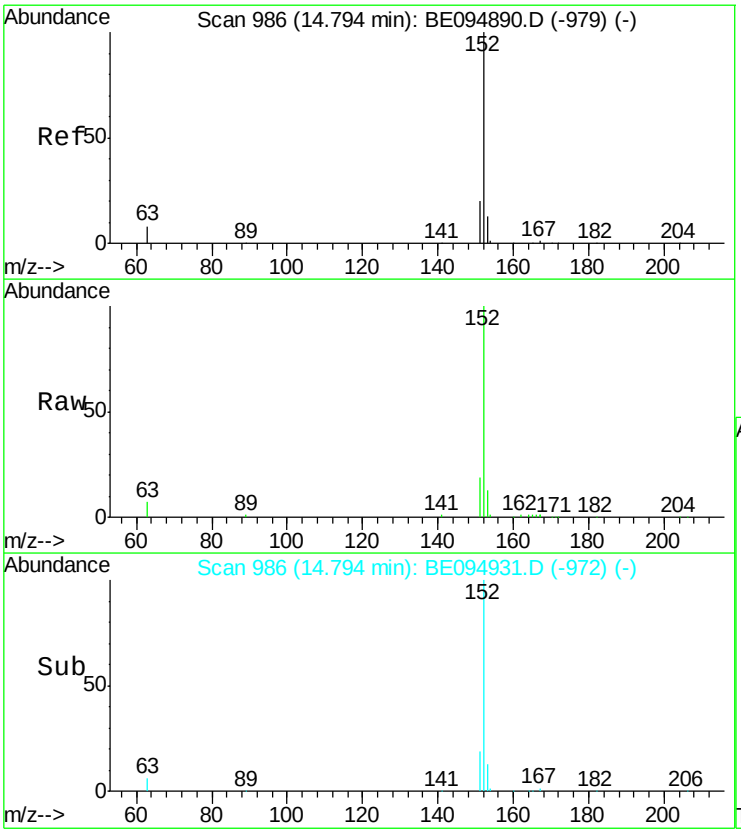
#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14268

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	21.3	21.8	32.8#

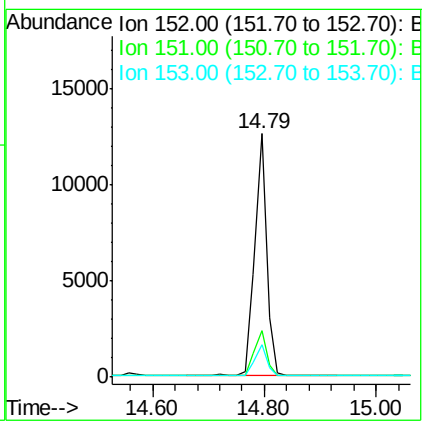


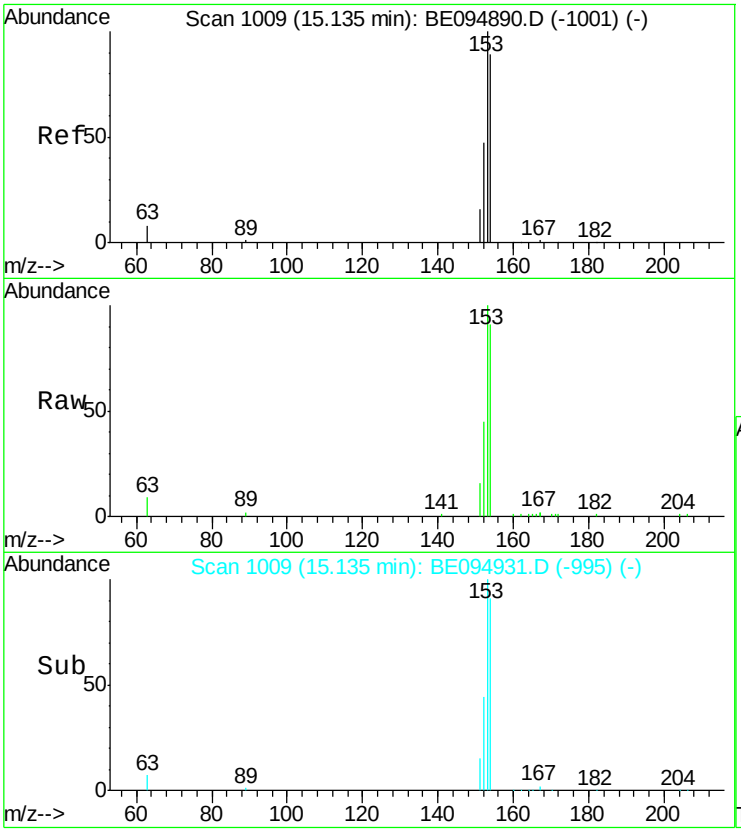


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:152 Resp: 19162

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.5	15.7



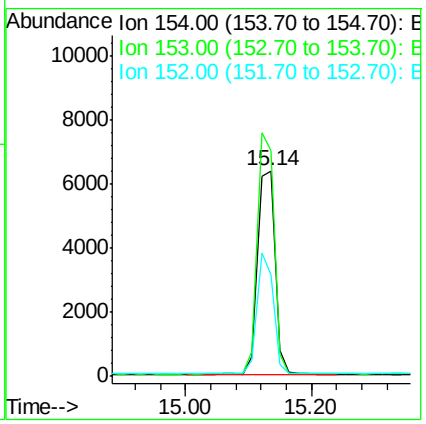


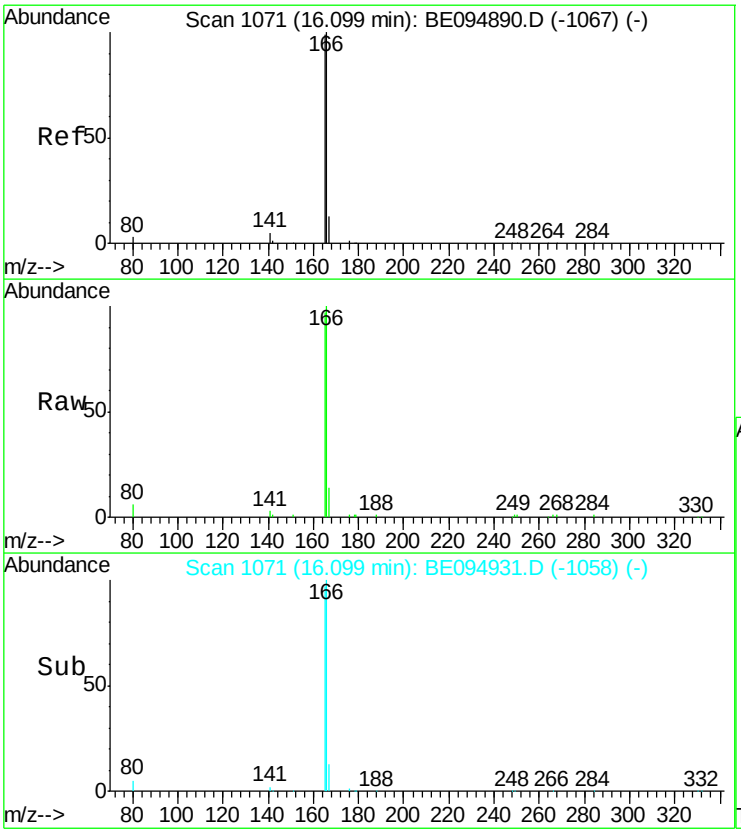
#17
Acenaphthene
Concen: 0.385 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12474

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.2	133.8
152	54.0	42.0	63.0

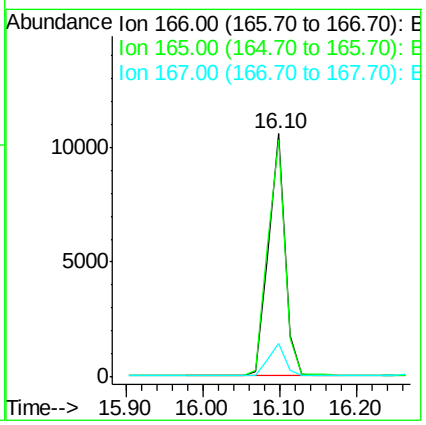


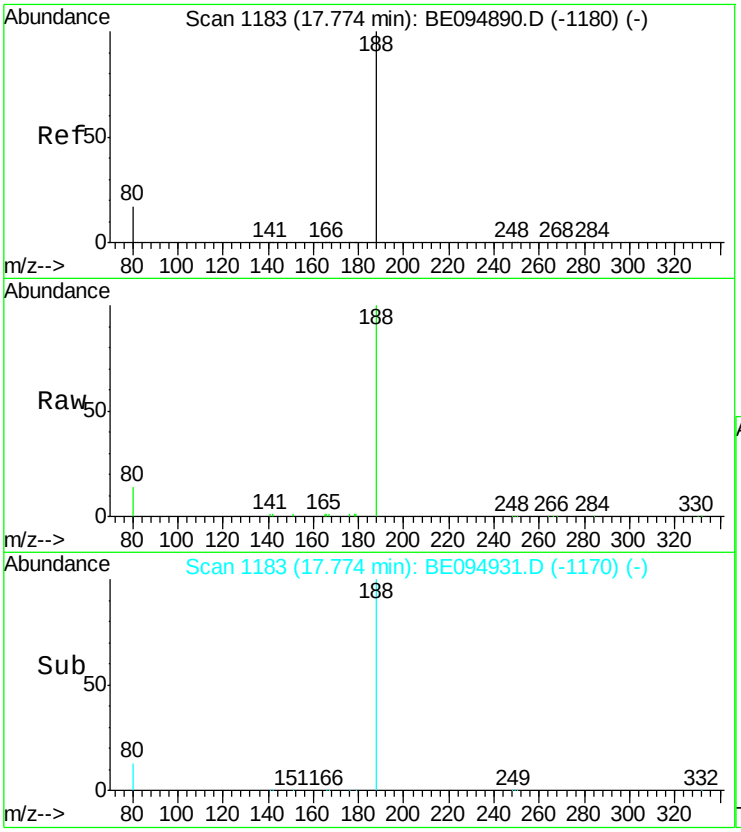


#18
Fluorene
Concen: 0.385 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:166 Resp: 15836

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.8	116.6
167	13.6	42.4	63.6#



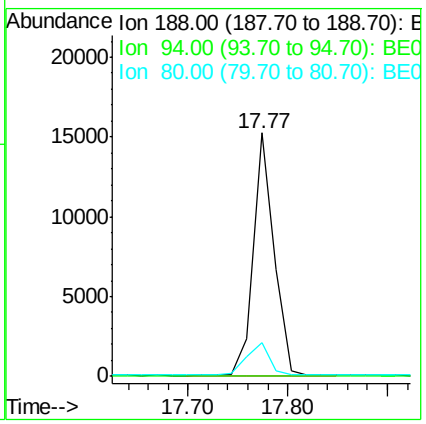


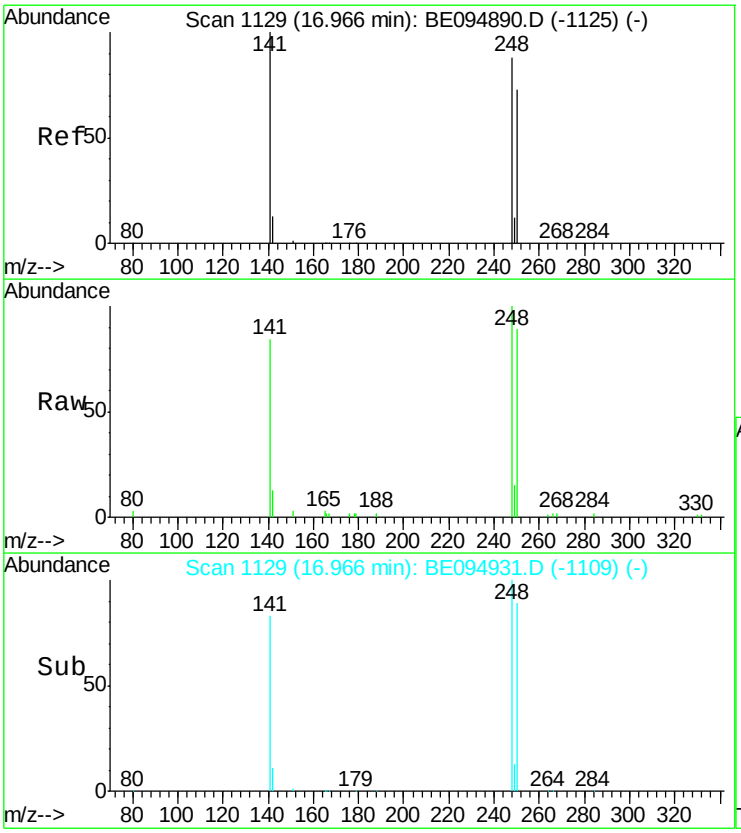
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 22007

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.0	3.6	5.4#

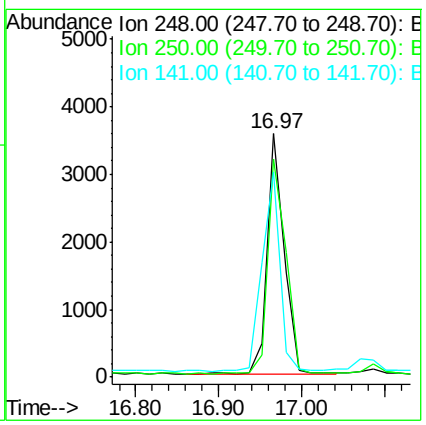


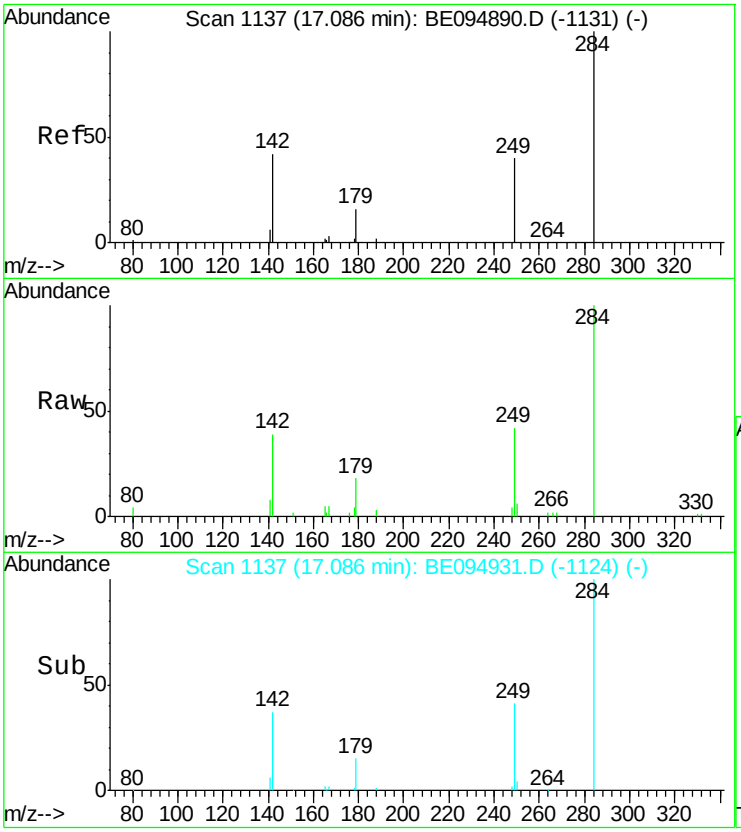


#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:248 Resp: 5006

Ion	Ratio	Lower	Upper
248	100		
250	89.4	62.7	94.1
141	84.3	48.2	72.2#



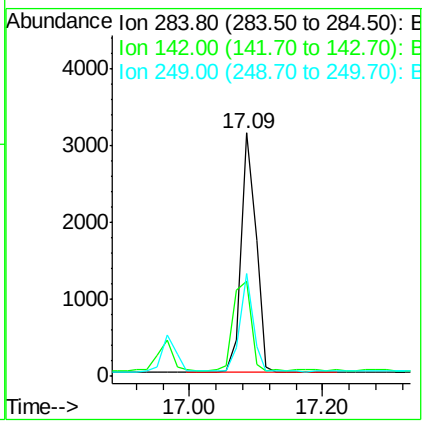


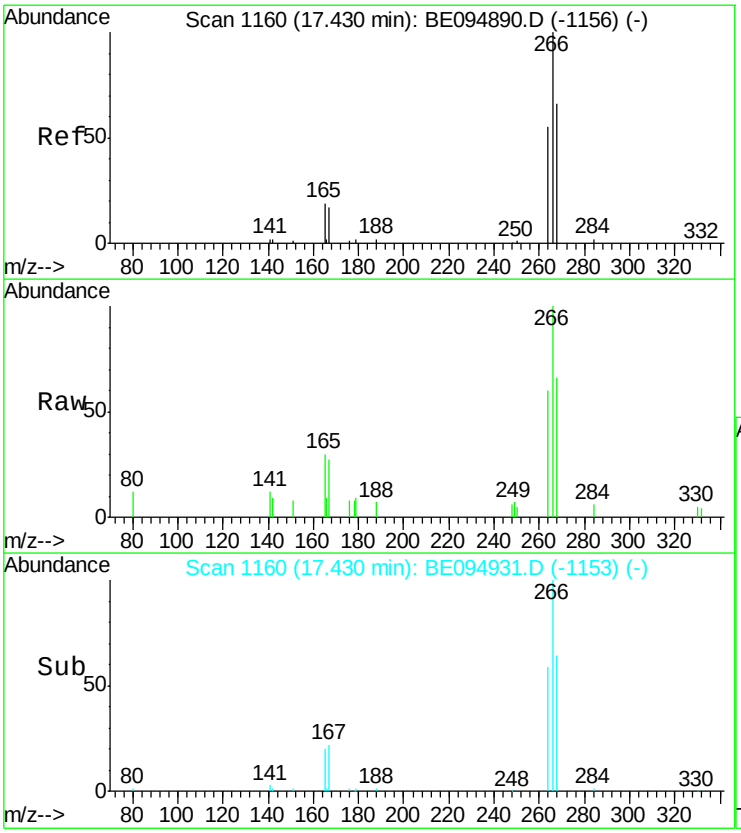
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4843

Ion	Ratio	Lower	Upper
284	100		
142	44.5	22.1	33.1#
249	35.7	34.8	52.2

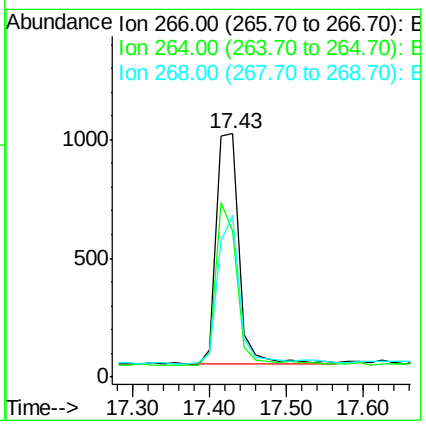


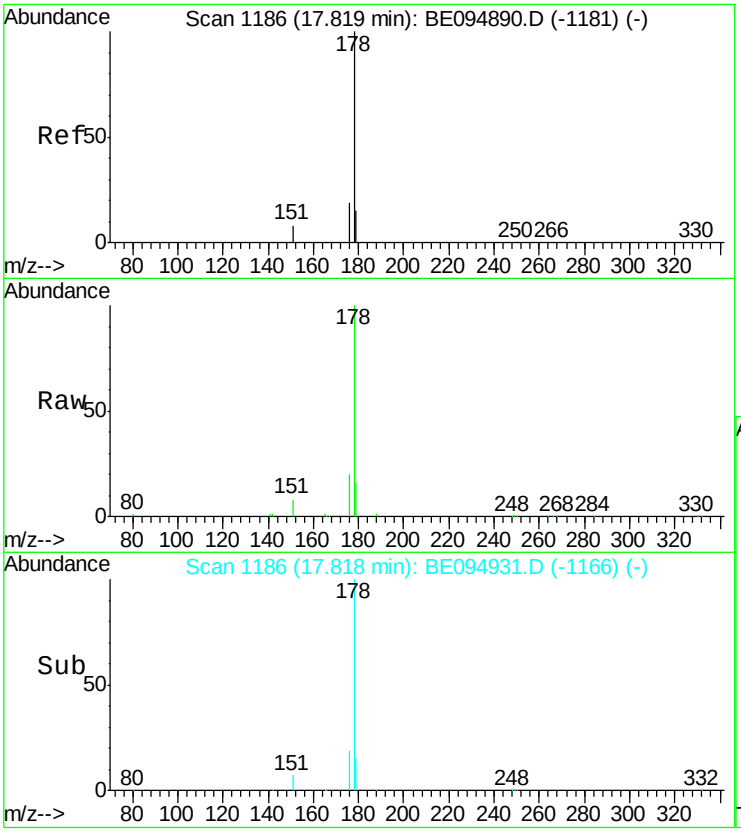


#22
Pentachlorophenol
Concen: 0.634 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:266 Resp: 1986

Ion	Ratio	Lower	Upper
266	100		
264	59.9	72.5	108.7#
268	66.2	73.8	110.6#



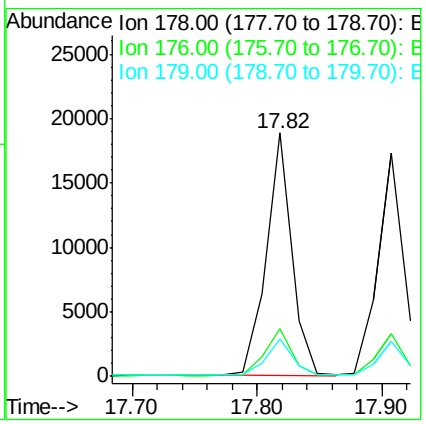


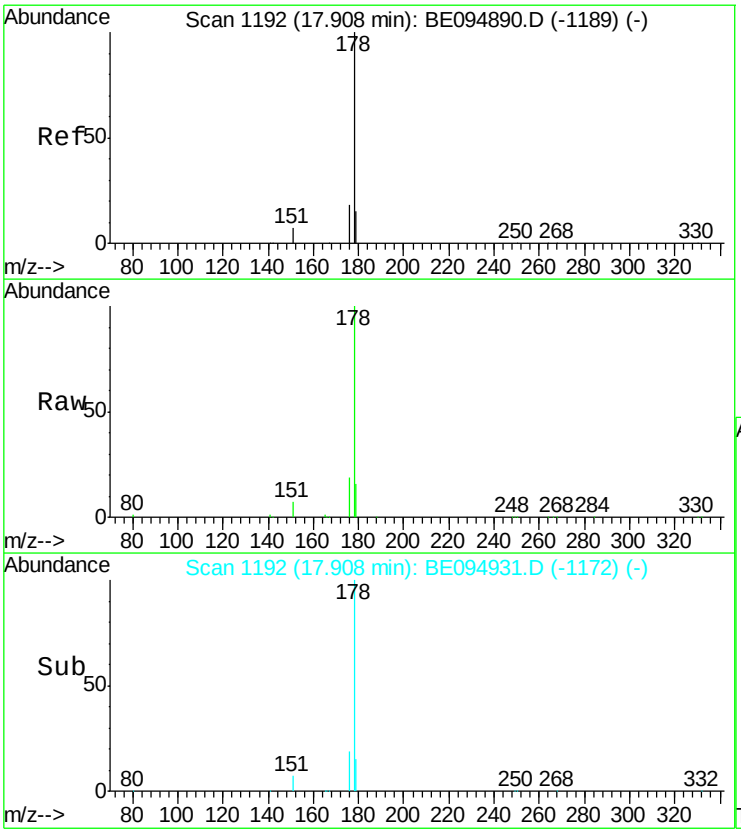
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26820

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.5	11.8	17.6

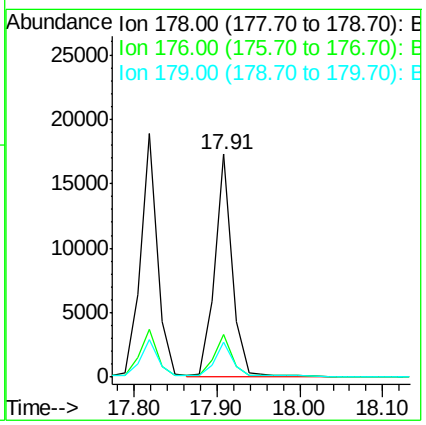


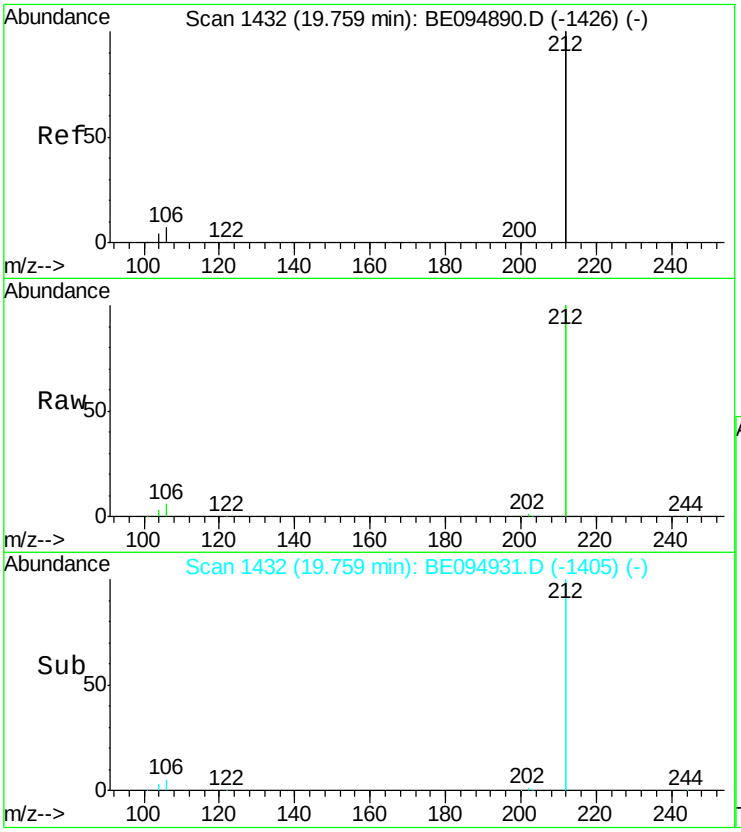


#24
Anthracene
Concen: 0.380 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:178 Resp: 28230

Ion	Ratio	Lower	Upper
178	100		
176	21.2	12.8	19.2#
179	18.1	13.0	19.6



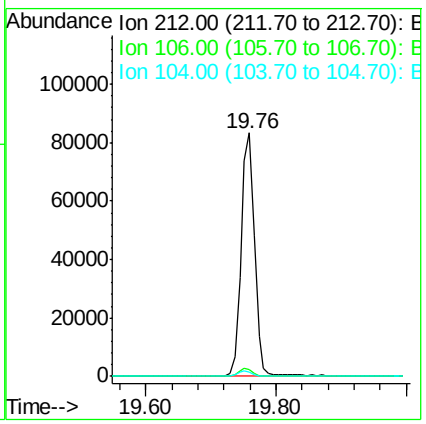


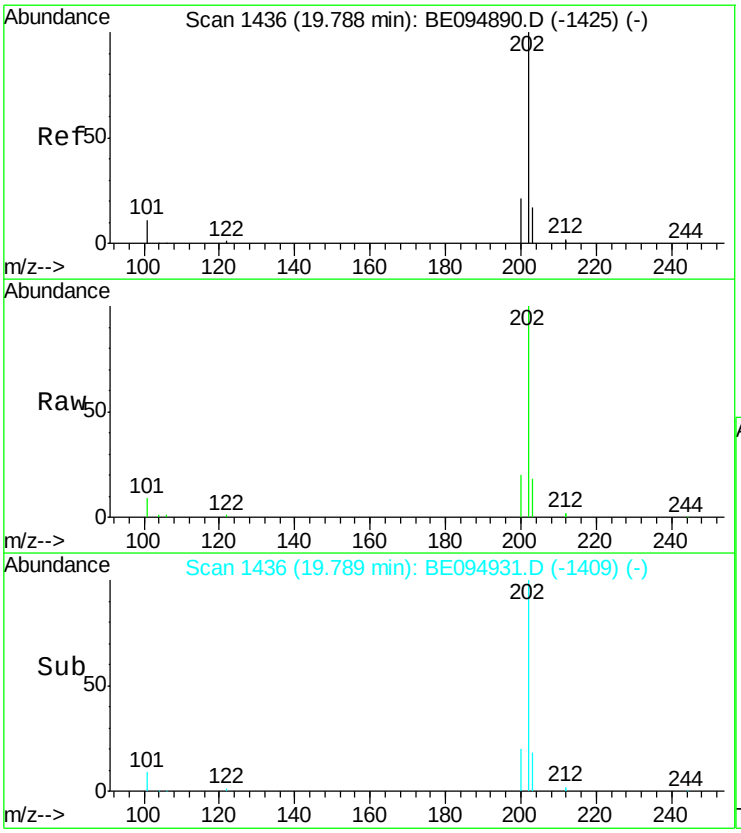
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 117242

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

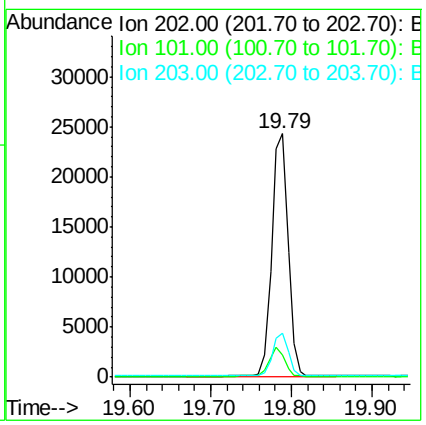


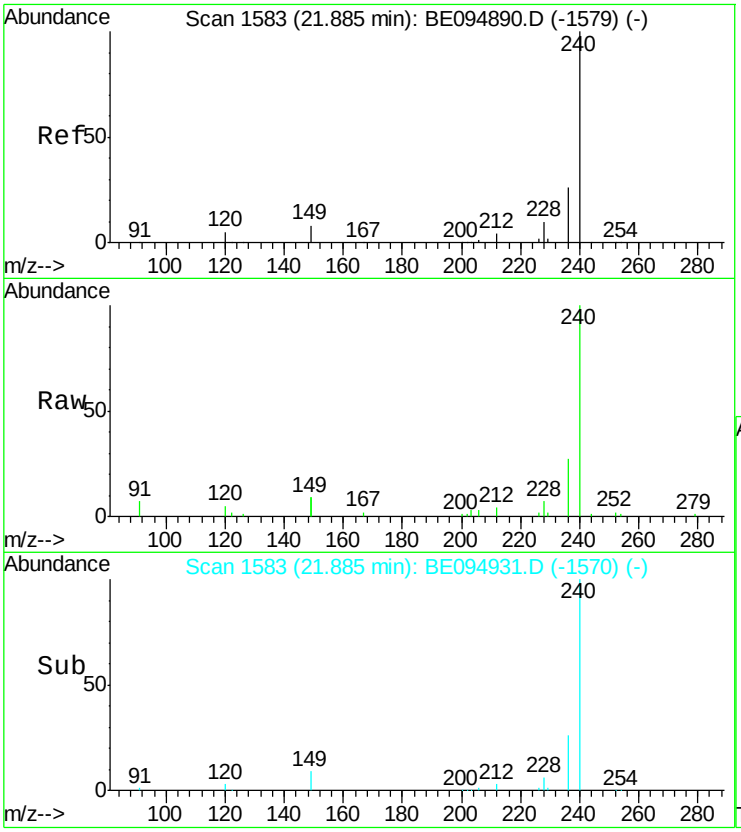


#26
Fluoranthene
Concen: 0.377 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:202 Resp: 33990

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.0	13.7	20.5



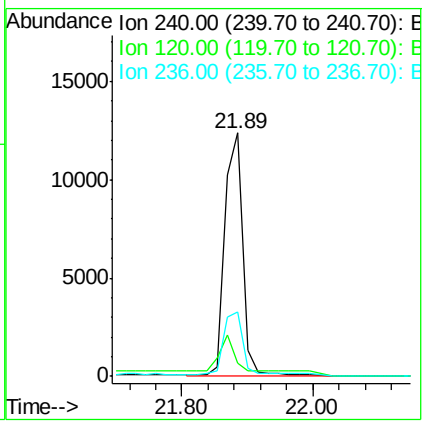


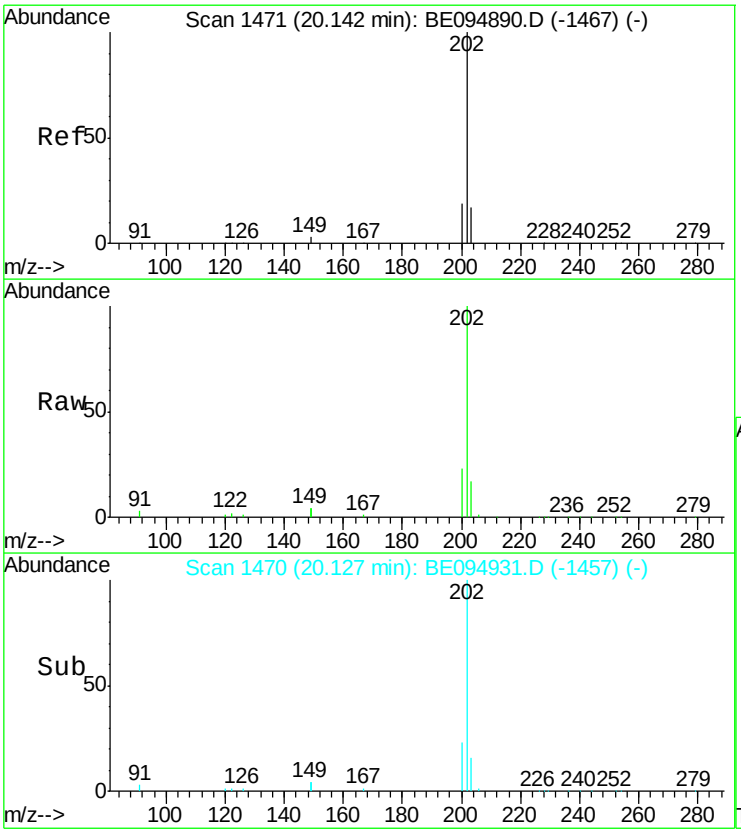
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 24868

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.5	8.3#
236	26.6	20.7	31.1

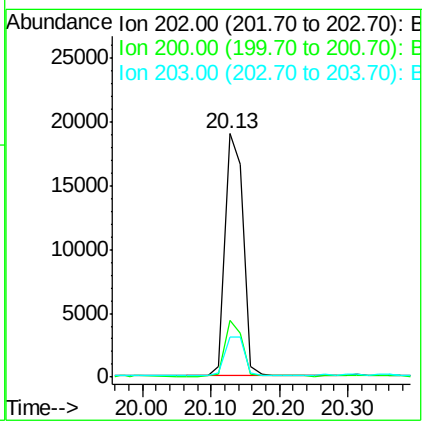


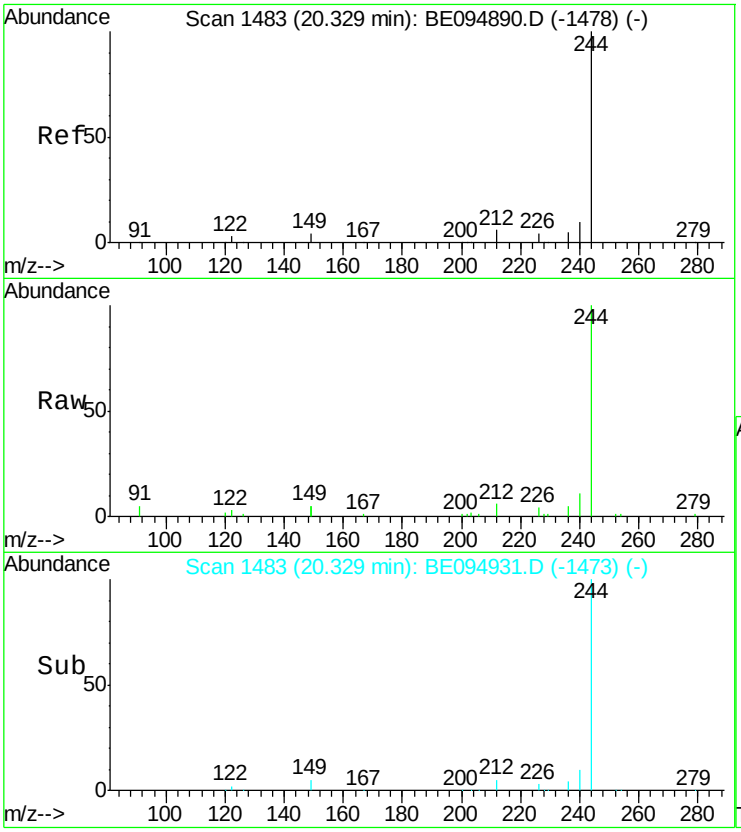


#28
Pyrene
Concen: 0.407 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:202 Resp: 34942

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	17.4	13.8	20.8



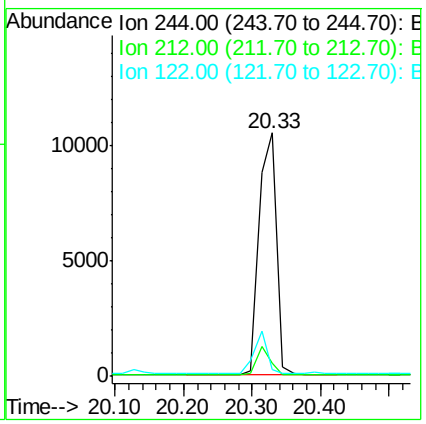


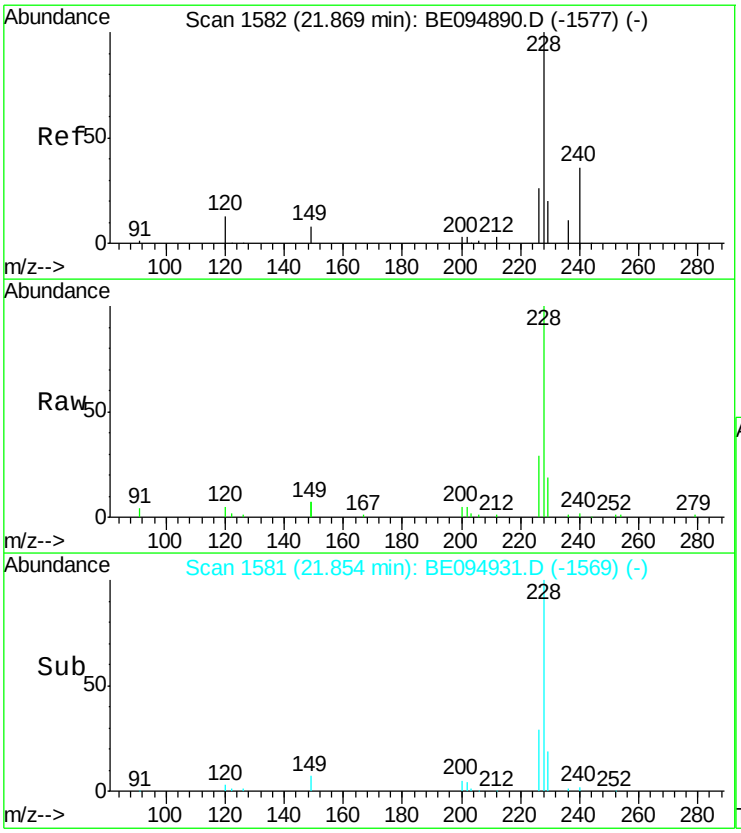
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18614

Ion	Ratio	Lower	Upper
244	100		
212	5.7	25.4	38.0#
122	2.8	8.1	12.1#

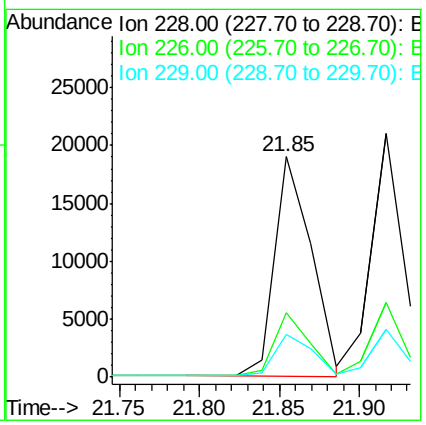


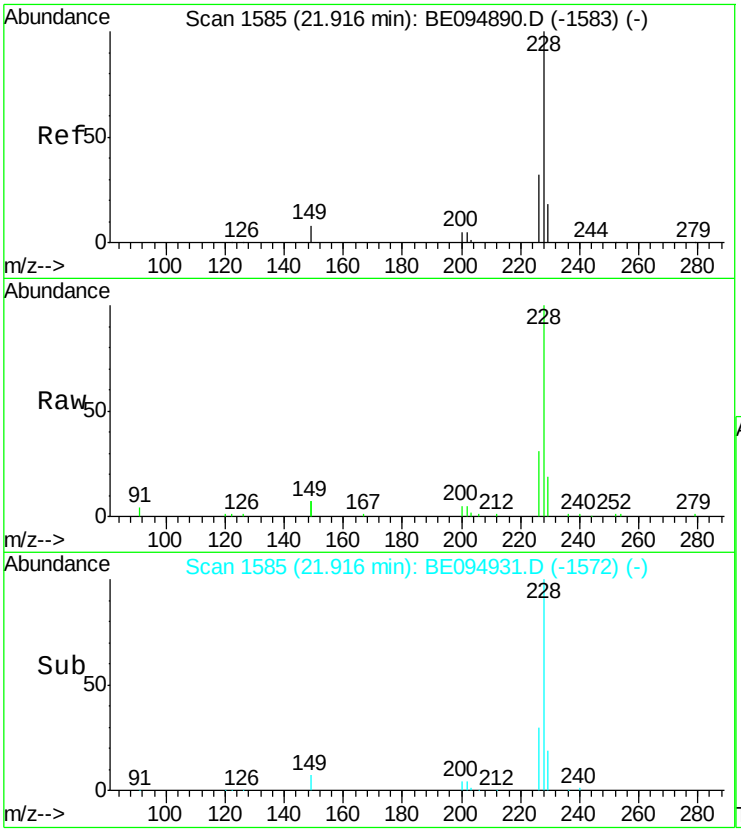


#30
Benzo(a)anthracene
Concen: 0.401 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:228 Resp: 30560

Ion	Ratio	Lower	Upper
228	100		
226	29.2	40.0	60.0#
229	19.3	40.0	60.0#



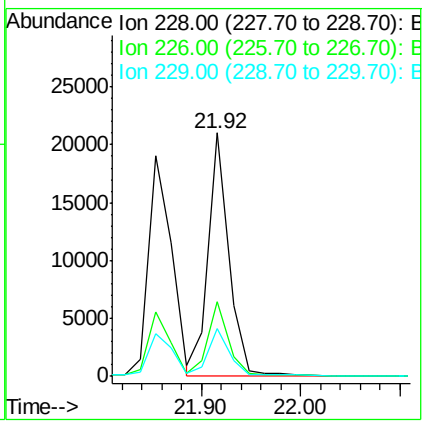


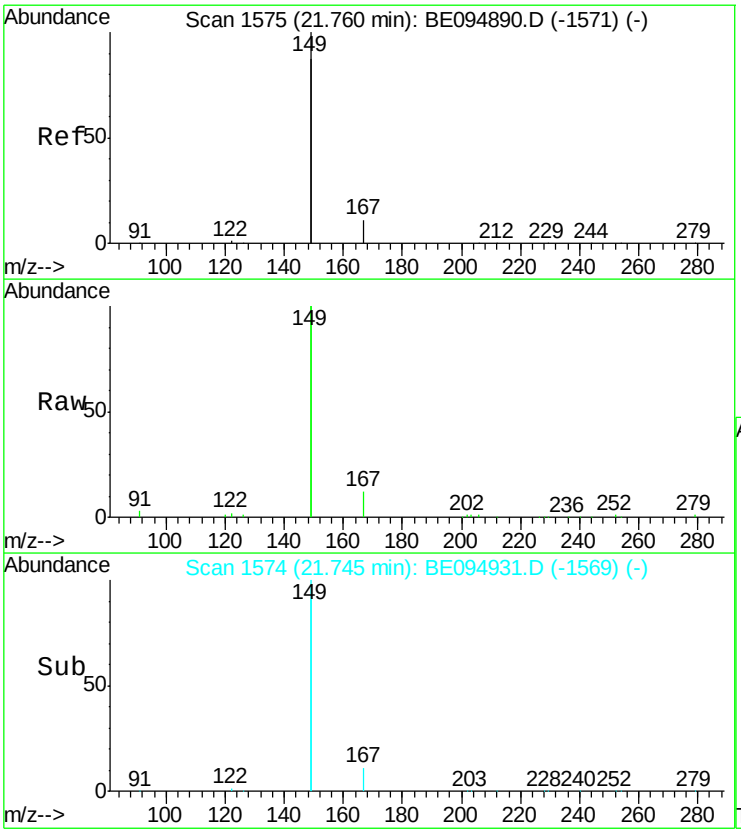
#31
Chrysene
Concen: 0.381 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 32112

Ion	Ratio	Lower	Upper
228	100		
226	30.6	40.0	60.0#
229	19.5	40.0	60.0#

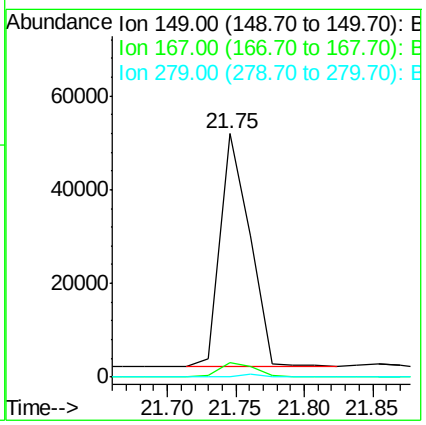


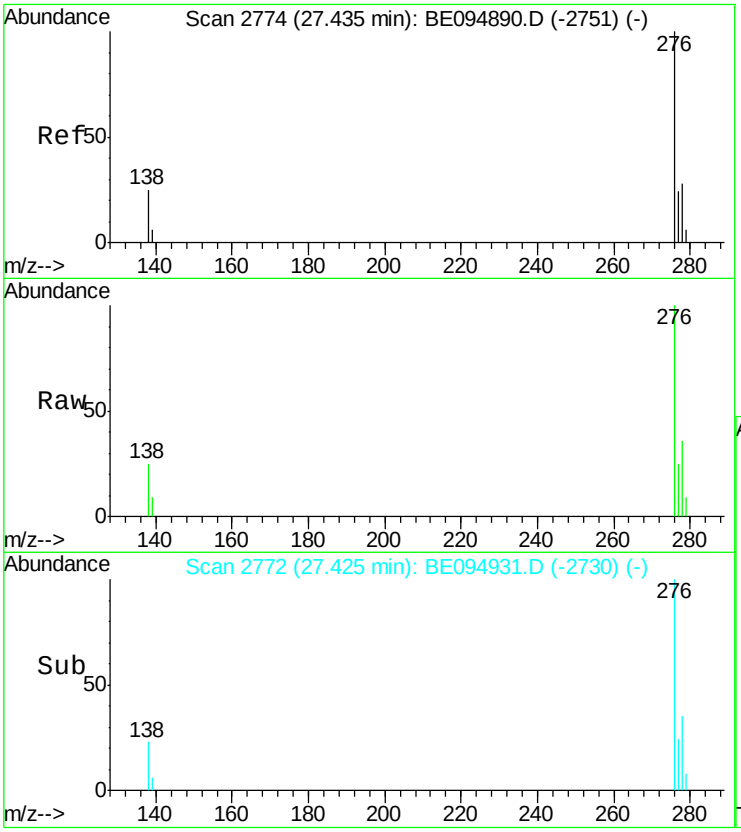


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.590 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:149 Resp: 74579

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



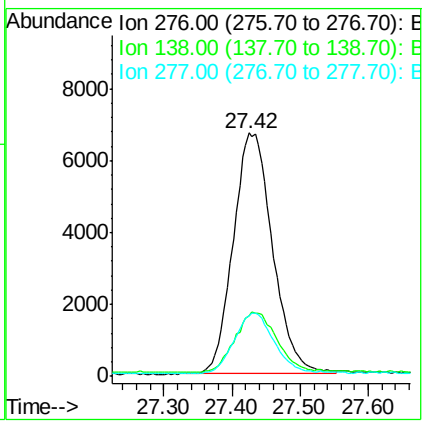


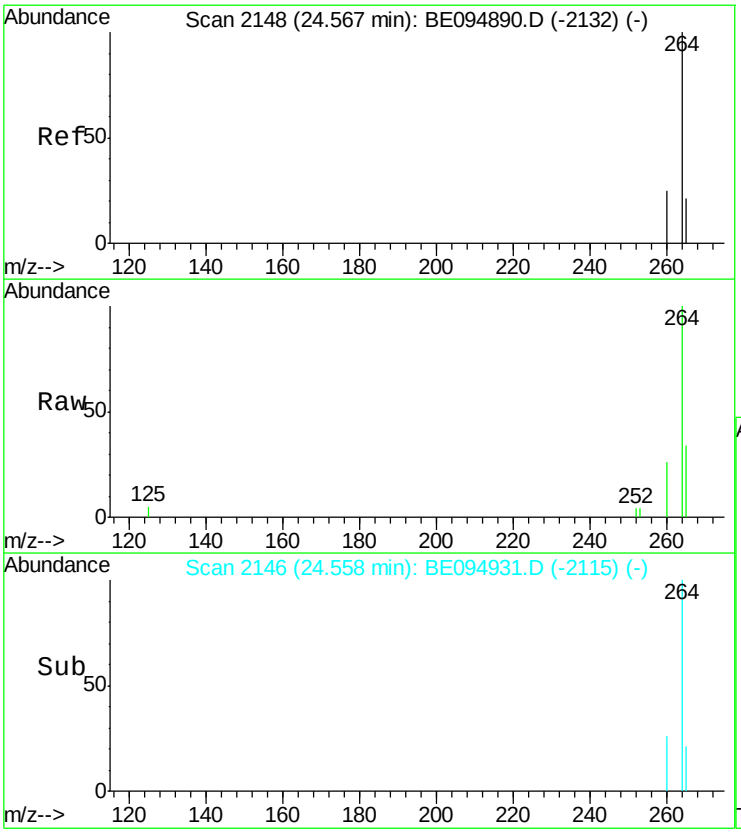
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 27.42 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26981

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.5	33.7
277	24.9	19.9	29.9

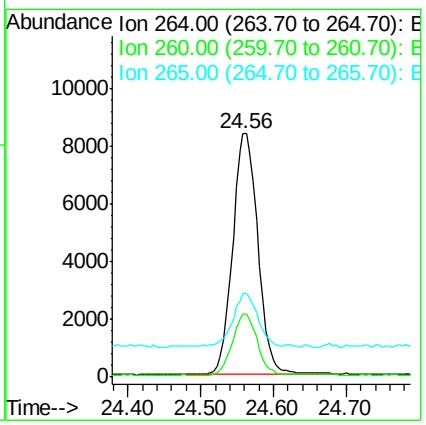


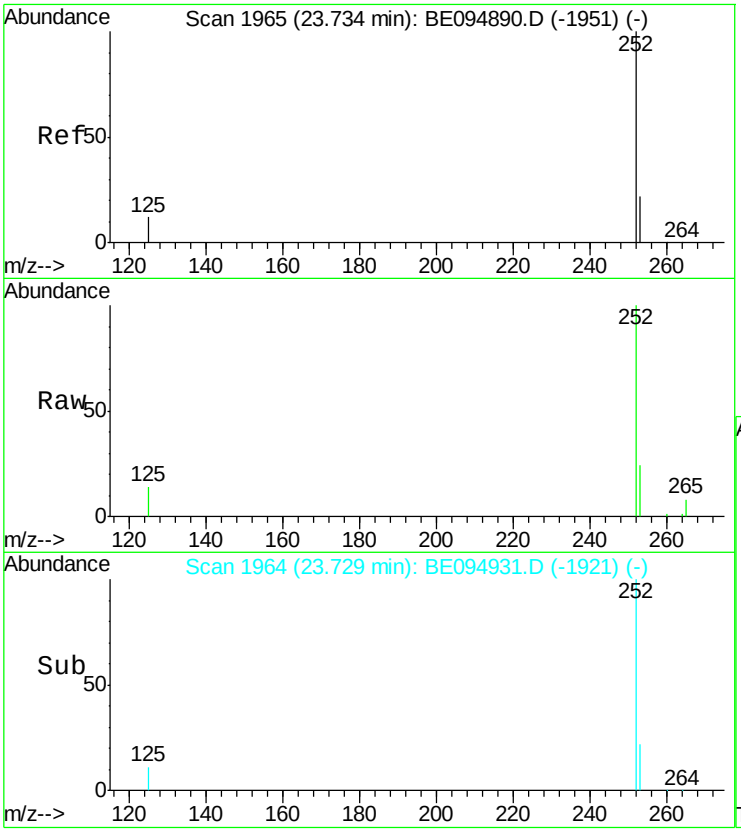


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:264 Resp: 20233

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	34.2	22.8	34.2#



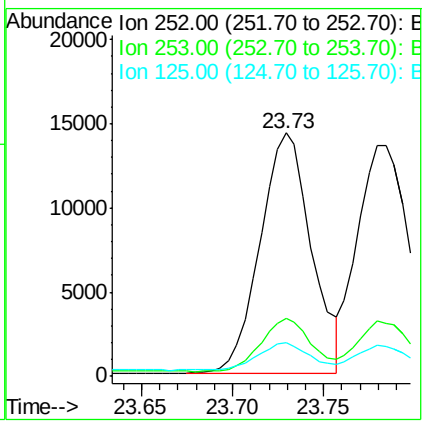


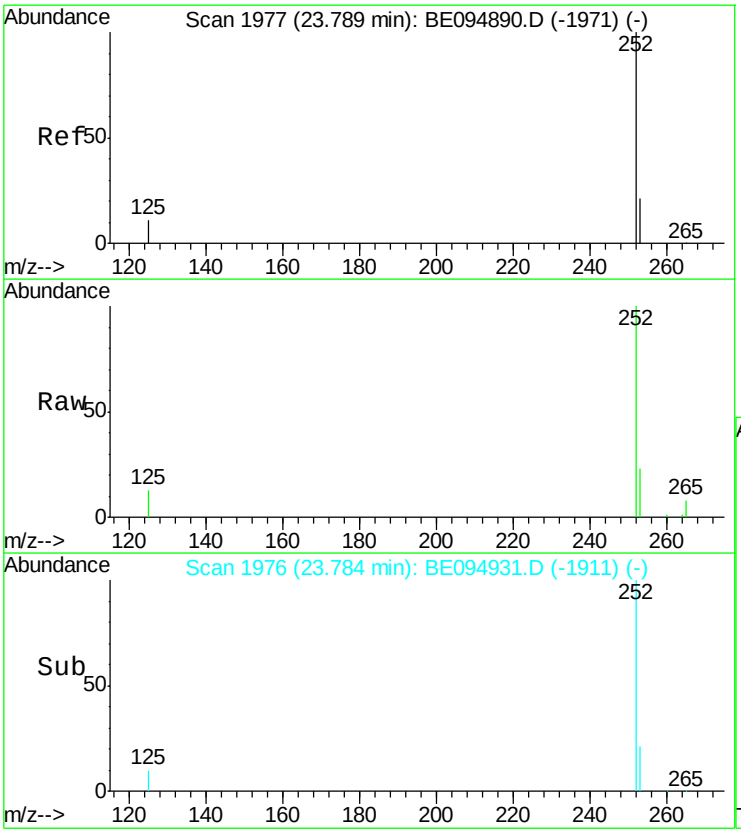
#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27996

Ion	Ratio	Lower	Upper
252	100		
253	23.7	48.0	72.0#
125	13.8	56.0	84.0#

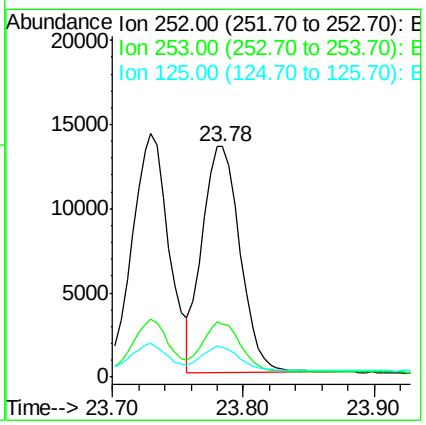


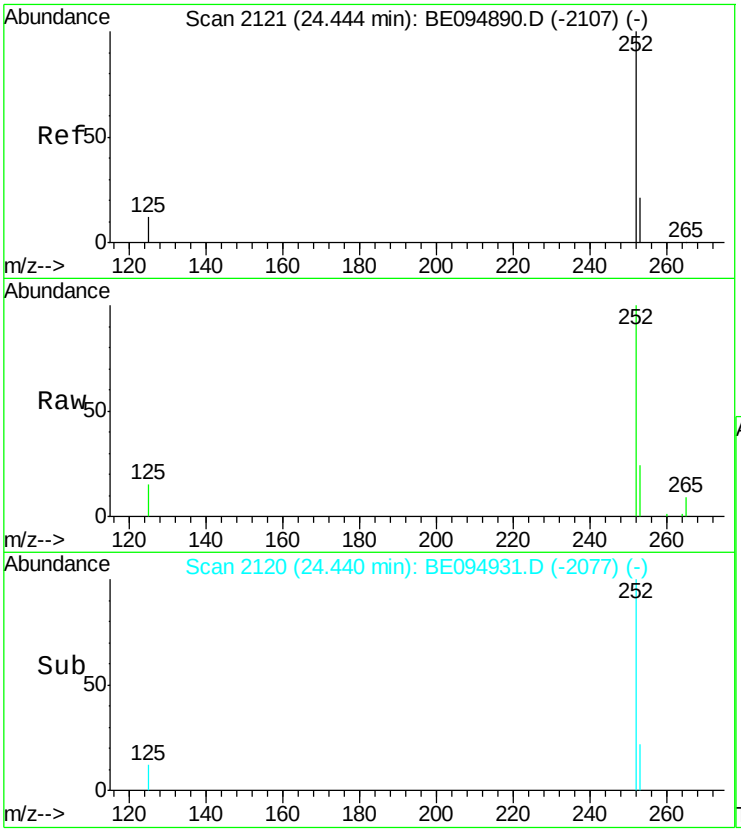


#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:252 Resp: 27089

Ion	Ratio	Lower	Upper
252	100		
253	23.1	48.0	72.0#
125	12.9	56.0	84.0#



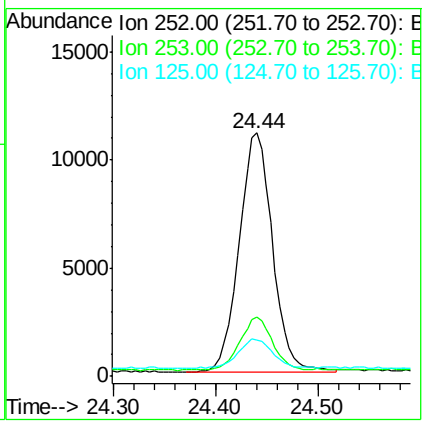


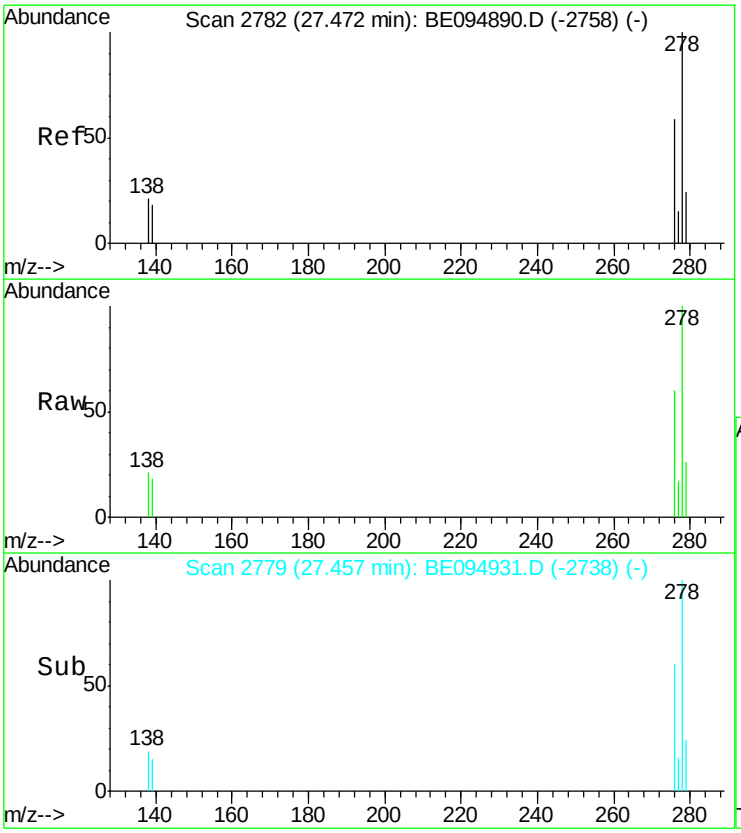
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 25026

Ion	Ratio	Lower	Upper
252	100		
253	24.2	52.0	78.0#
125	15.0	68.0	102.0#

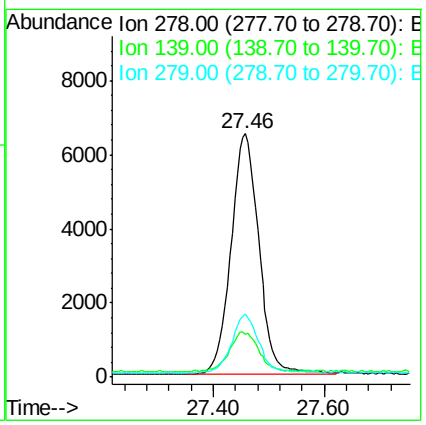


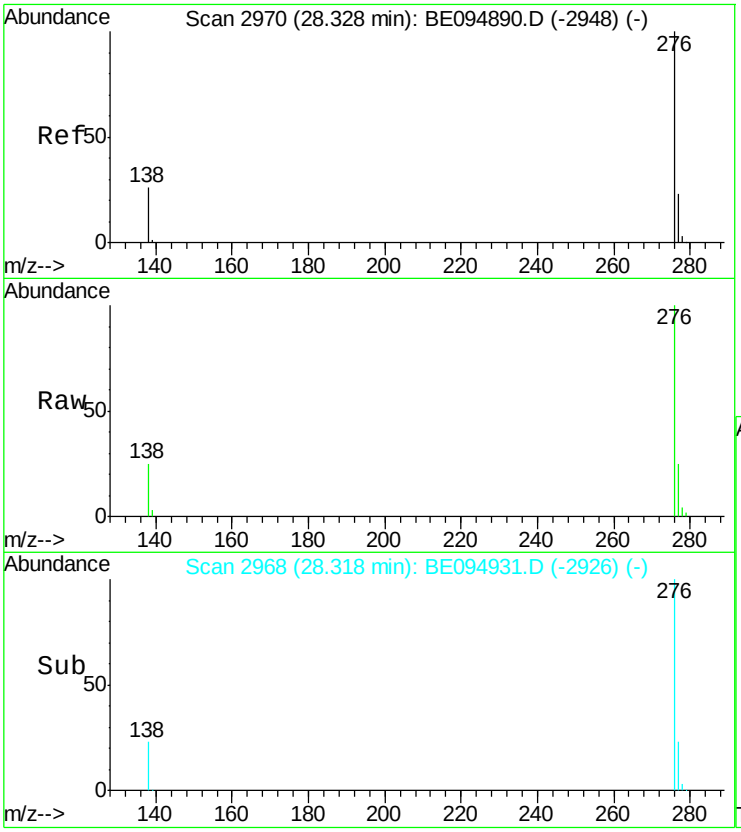


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 27.46 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Tgt Ion:278 Resp: 22858

Ion	Ratio	Lower	Upper
278	100		
139	17.7	56.0	84.0#
279	25.7	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 28.32 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE094931.D
Acq: 6 Dec 2017 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22697

Ion	Ratio	Lower	Upper
276	100		
277	24.5	52.0	78.0#
138	24.9	44.0	66.0#