Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094950.D
Acq On : 8 Dec 2017 14:34
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 09 00:25:39 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	6221	0.40	ng		-0.01
7) Naphthalene-d8	11.33	136	14453	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	8334	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	19926	0.40	ng		0.00
27) Chrysene-d12	21.88	240	22610	0.40	ng		0.00
34) Perylene-d12	24.57	264	17662	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	4109	0.42	ng		0.00
5) Phenol-d6	7.59	99	6270	0.43	ng		0.00
8) Nitrobenzene-d5	9.67	82	3948	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	9226	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	714	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14238	0.40	ng		0.00
25) Fluoranthene-d10	19.76	212	102086	0.37	ng		0.00
29) Terphenyl-d14	20.33	244	16332	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	2418	0.371	ng	#	87
3) n-Nitrosodimethylamine	4.02	42	3312	0.399	ng	#	81
6) bis(2-Chloroethyl)ether	7.87	93	5814	0.402	ng		99
9) Naphthalene	11.38	128	67076	0.396	ng		99
10) Hexachlorobutadiene	11.64	225	2918	0.408	ng		97
12) 2-Methylnaphthalene	12.94	142	16619	0.395	ng		95
16) Acenaphthylene	14.79	152	17295	0.367	ng		100
17) Acenaphthene	15.14	154	11579	0.380	ng		95
18) Fluorene	16.10	166	14659	0.379	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	4384	0.394	ng	#	67
21) Hexachlorobenzene	17.09	284	4560	0.421	ng	#	82
22) Pentachlorophenol	17.43	266	863	0.374	ng	#	68
23) Phenanthrene	17.82	178	25050	0.395	ng		98
24) Anthracene	17.91	178	25373	0.377	ng	#	94
26) Fluoranthene	19.79	202	30406	0.373	ng		99
28) Pyrene	20.14	202	30839	0.395	ng		98
30) Benzo(a)anthracene	21.87	228	26004	0.375	ng	#	61
31) Chrysene	21.92	228	30096	0.393	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.74	149	31607	0.275	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	23663	0.377	ng		99
35) Benzo(b)fluoranthene	23.73	252	24498	0.380	ng	#	40
36) Benzo(k)fluoranthene	23.78	252	25149	0.383	ng	#	40
37) Benzo(a)pyrene	24.44	252	21692	0.384	ng	#	34
38) Dibenzo(a,h)anthracene	27.46	278	19907	0.381	ng	#	44
39) Benzo(g,h,i)perylene	28.32	276	20127	0.386	ng	#	53

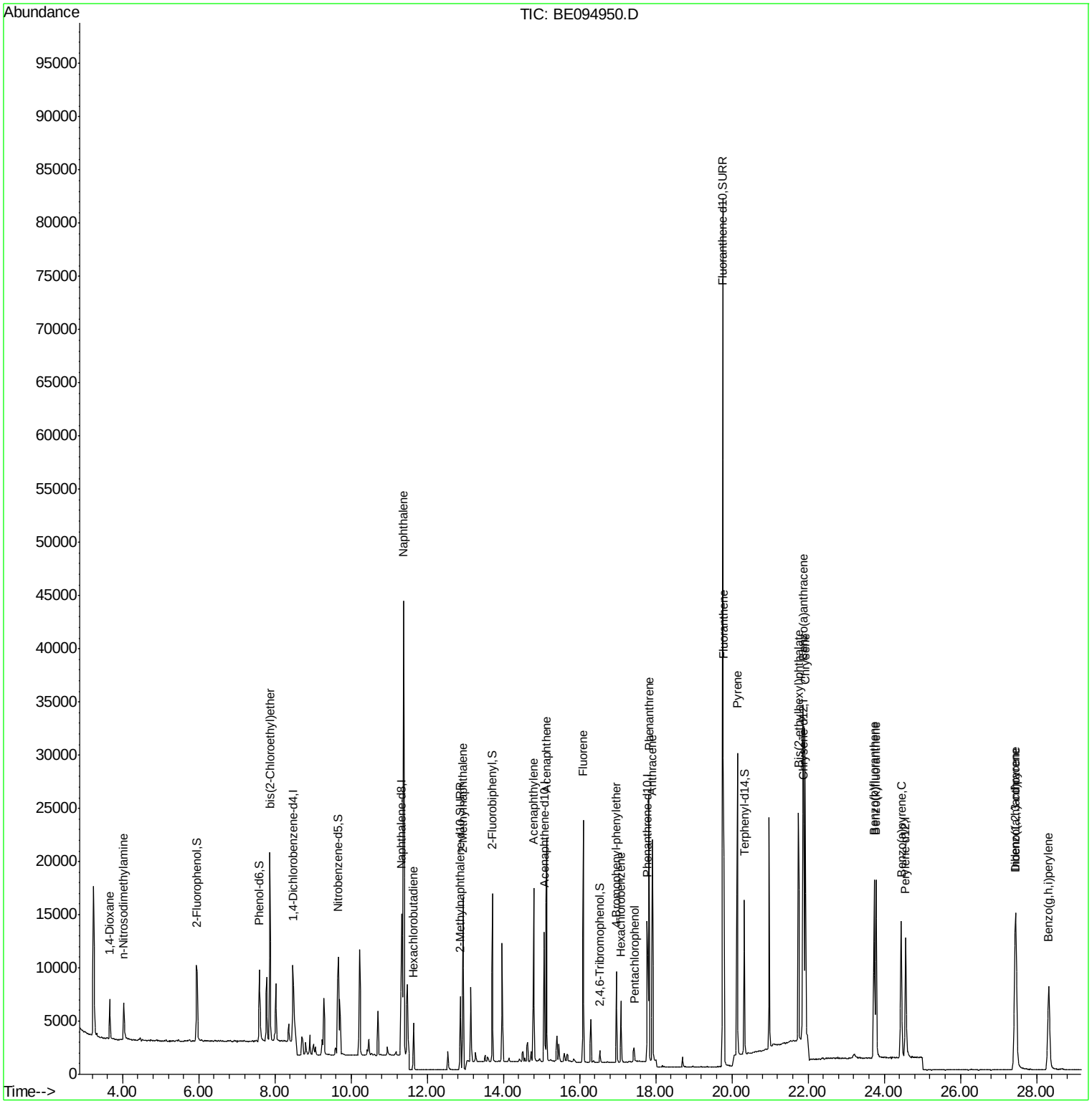
(#) = qualifier out of range (m) = manual integration (+) = signals summed

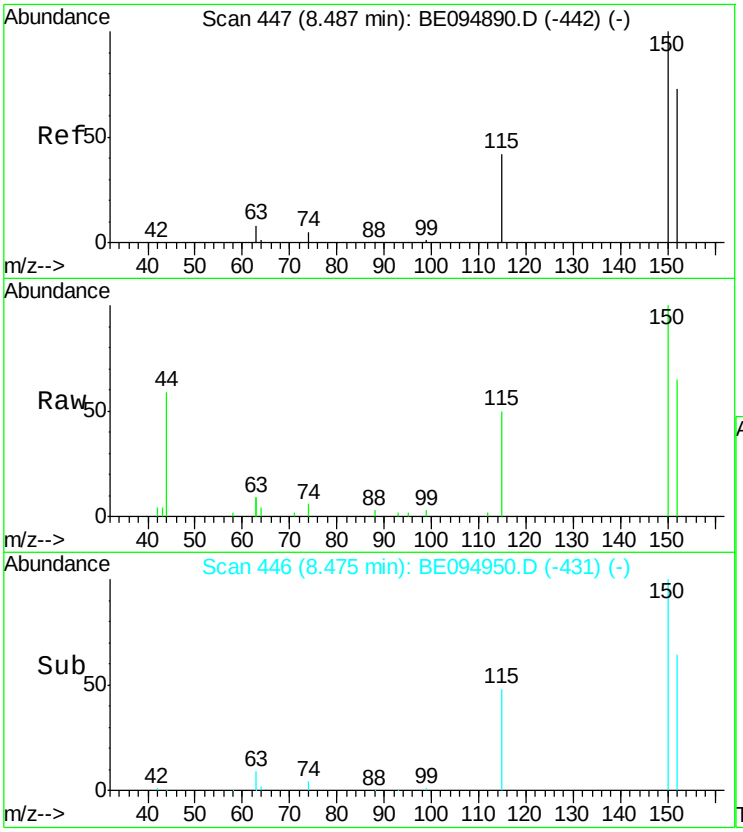
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094950.D
Acq On : 8 Dec 2017 14:34
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 09 00:25:39 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



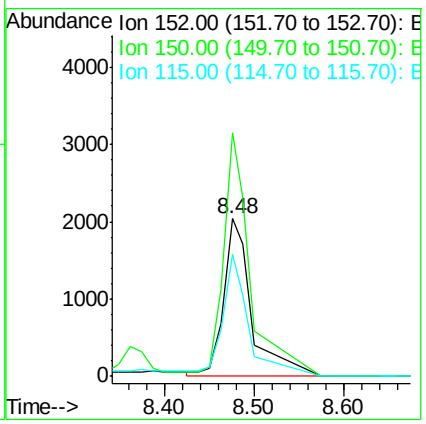


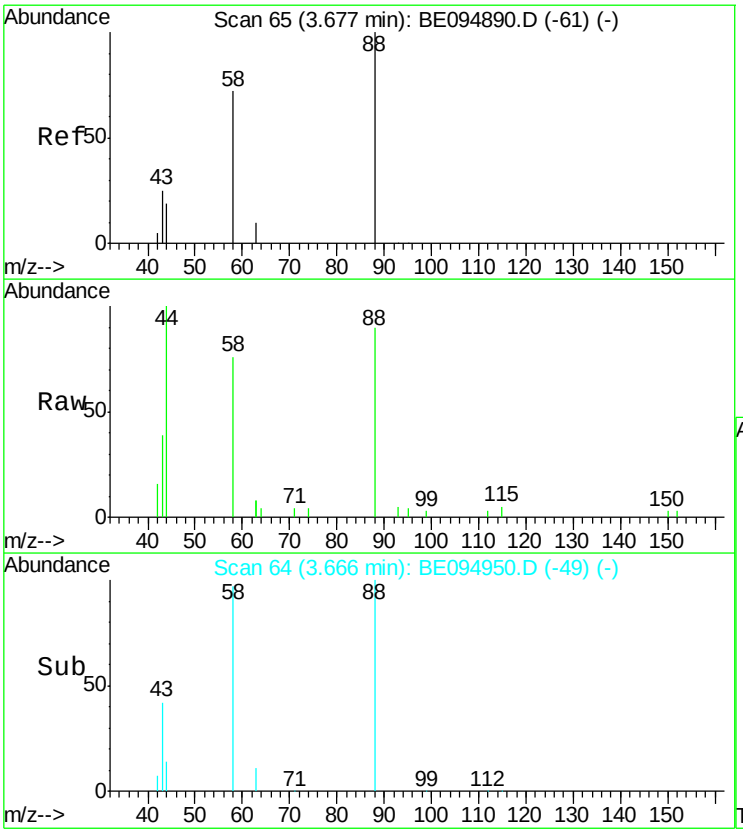
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6221

Ion	Ratio	Lower	Upper
152	100		
150	154.6	117.2	175.8
115	77.3	57.0	85.6

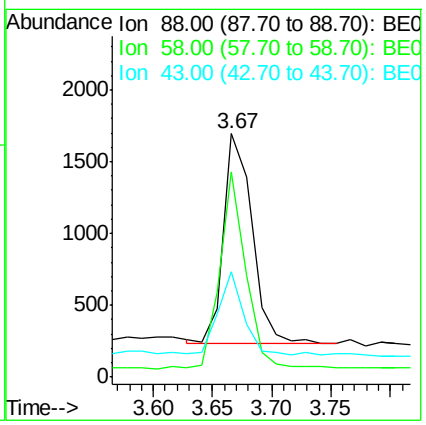


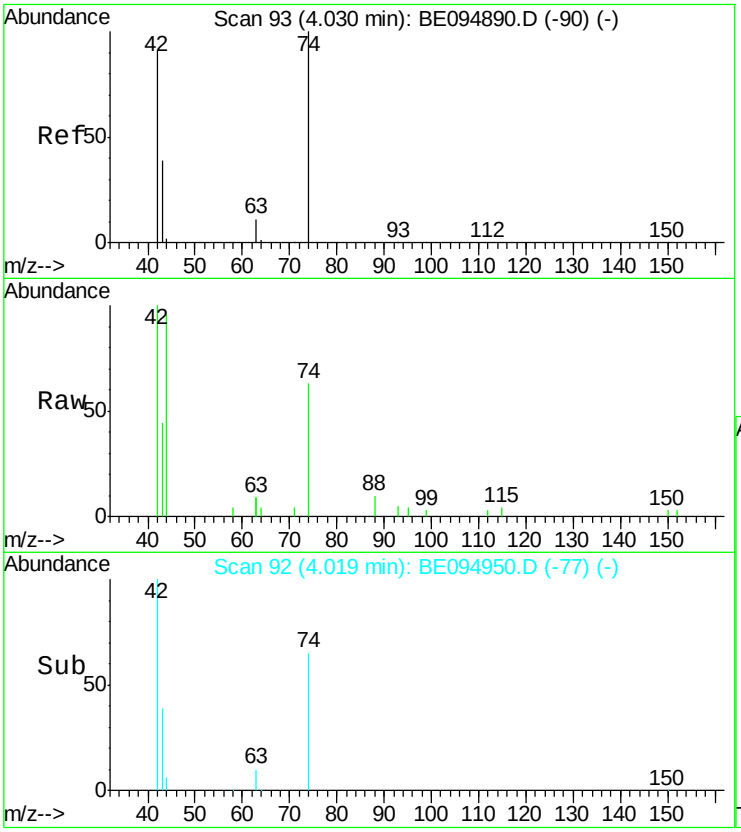


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.67 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion: 88 Resp: 2418

Ion	Ratio	Lower	Upper
88	100		
58	87.0	63.2	94.8
43	37.3	41.2	61.8#



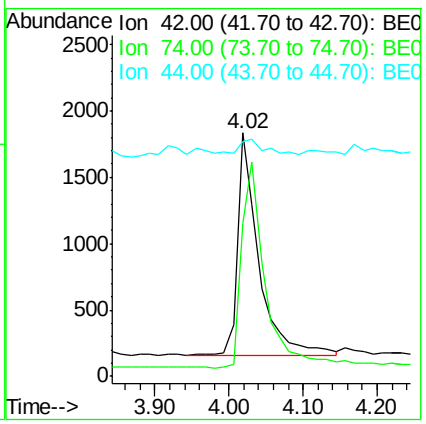


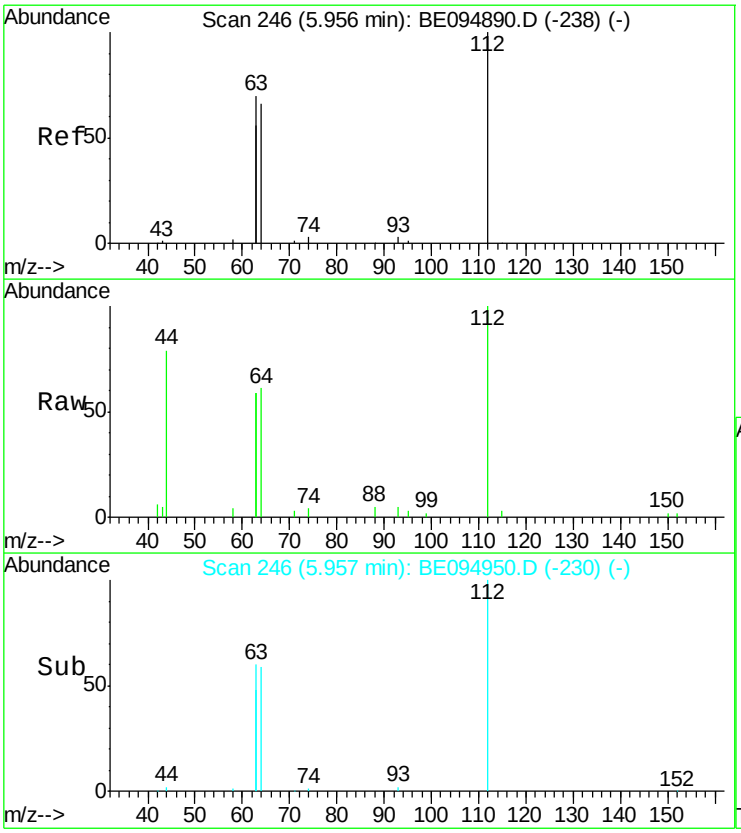
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3312

Ion	Ratio	Lower	Upper
42	100		
74	105.1	100.3	150.5
44	8.5	17.0	25.4#

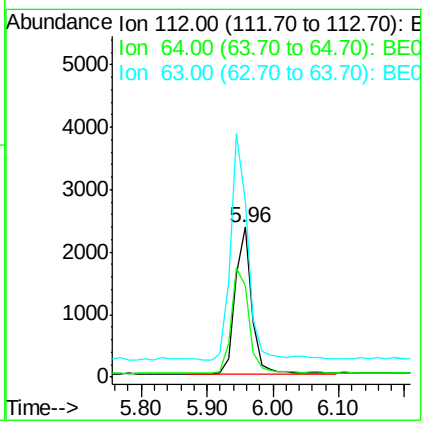


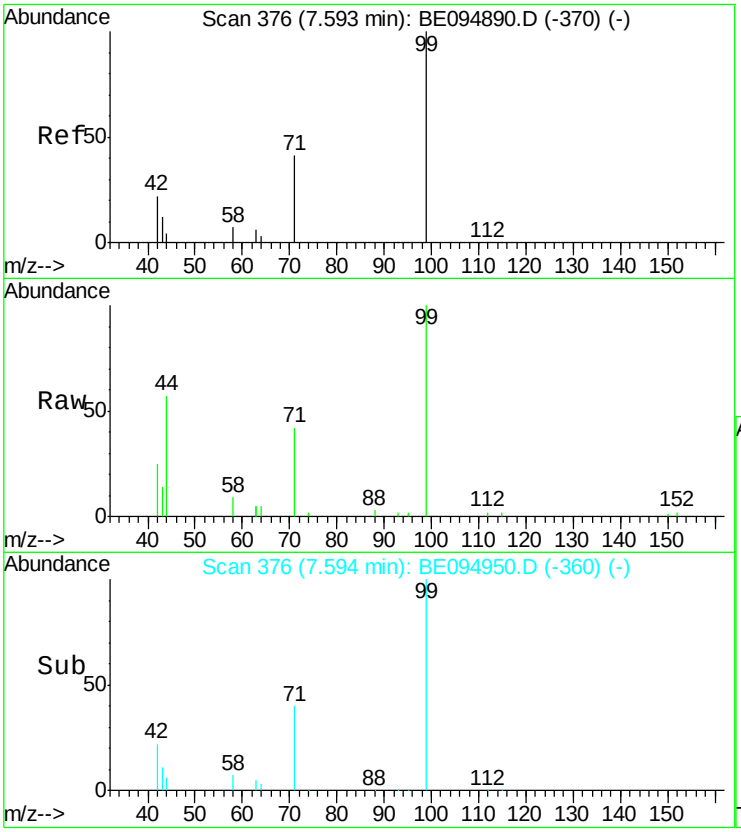


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.96 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:112 Resp: 4109

Ion	Ratio	Lower	Upper
112	100		
64	76.0	60.1	90.1
63	154.8	116.8	175.2



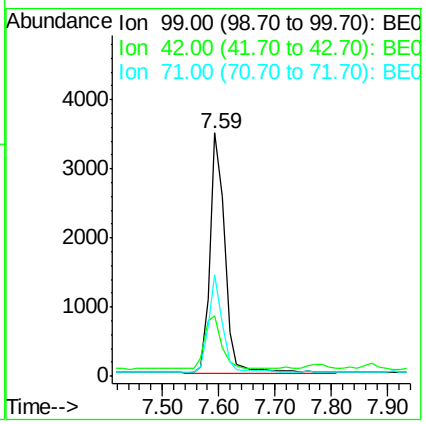


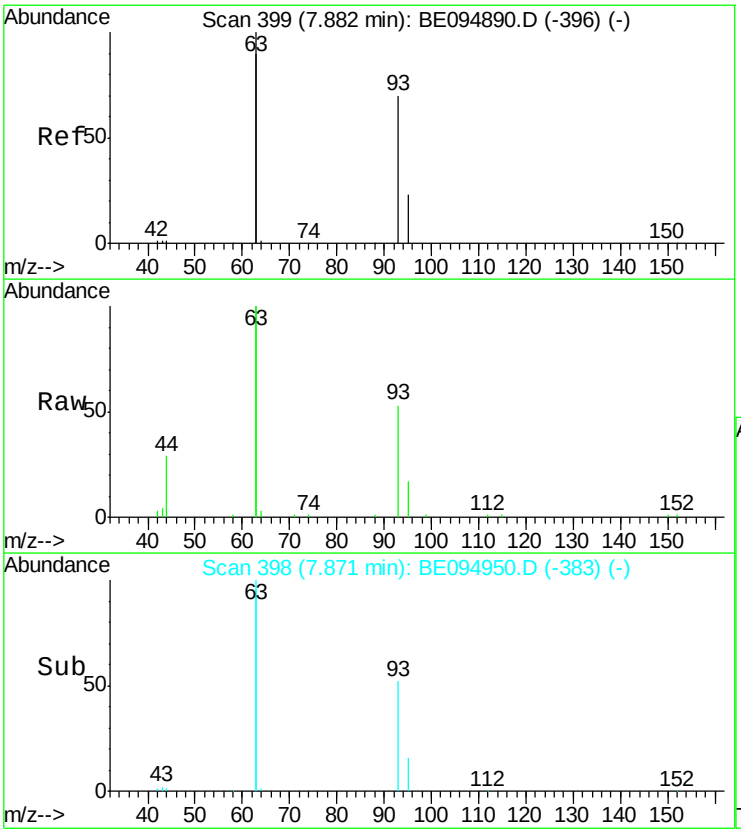
#5
Phenol-d6
Concen: 0.430 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6270

Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.2	30.2
71	38.4	28.4	42.6

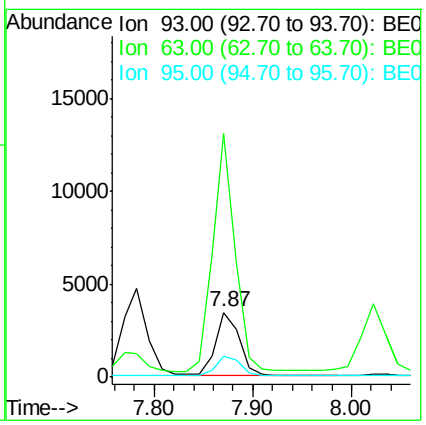


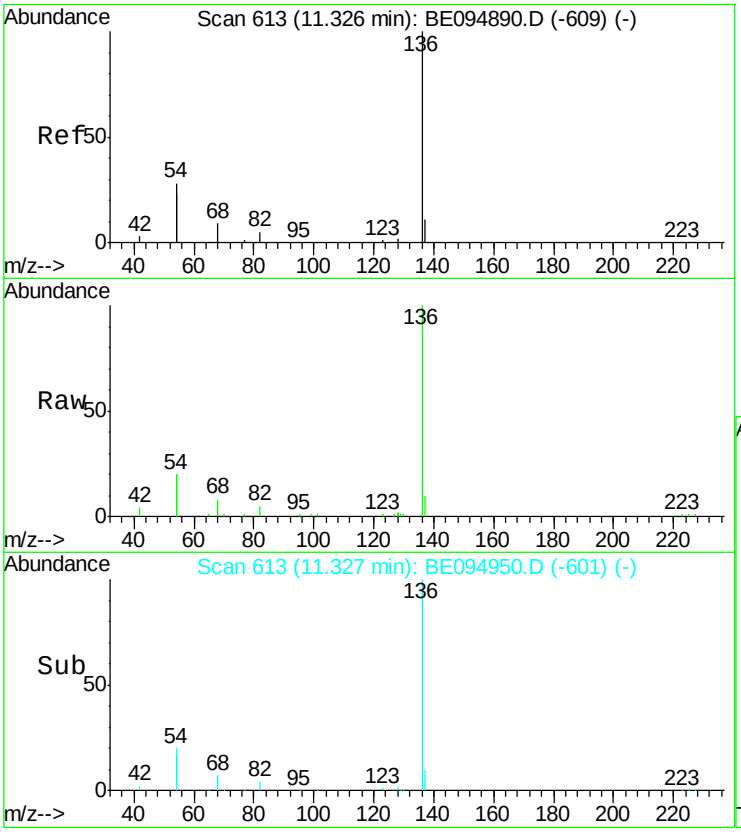


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion: 93 Resp: 5814

Ion	Ratio	Lower	Upper
93	100		
63	345.2	275.3	412.9
95	31.9	25.2	37.8



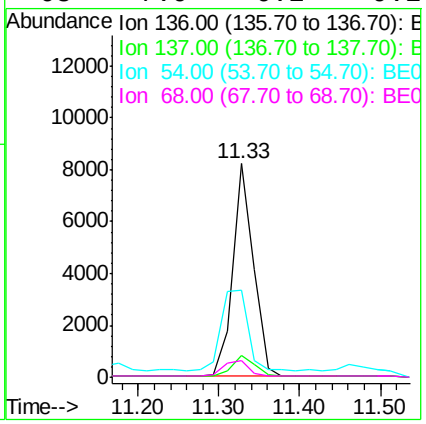


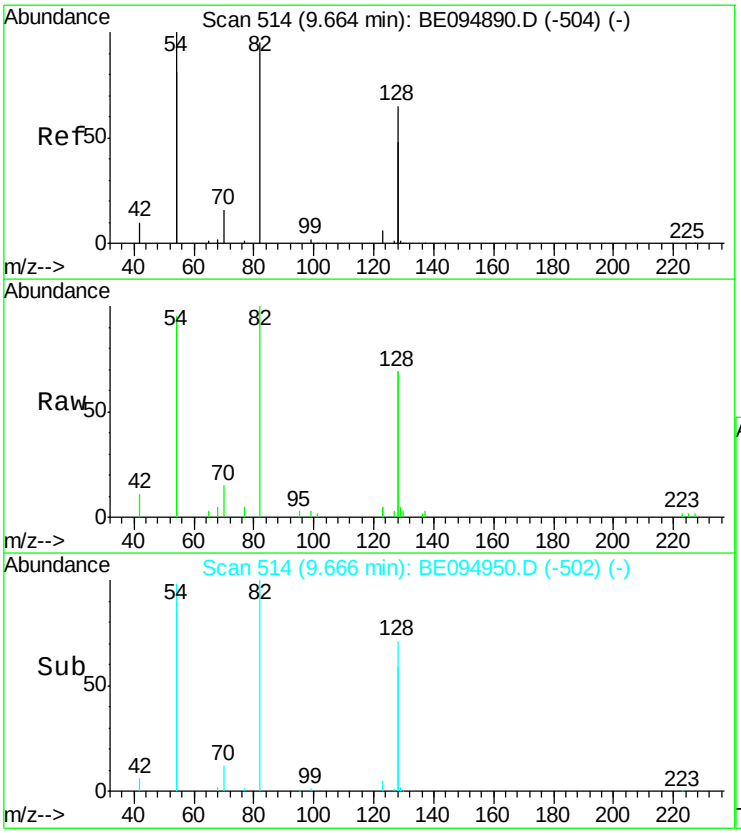
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14453

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.5	14.3
54	40.7	29.1	43.7
68	7.9	6.2	9.2

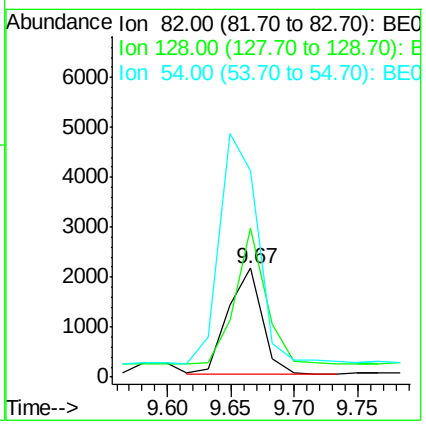


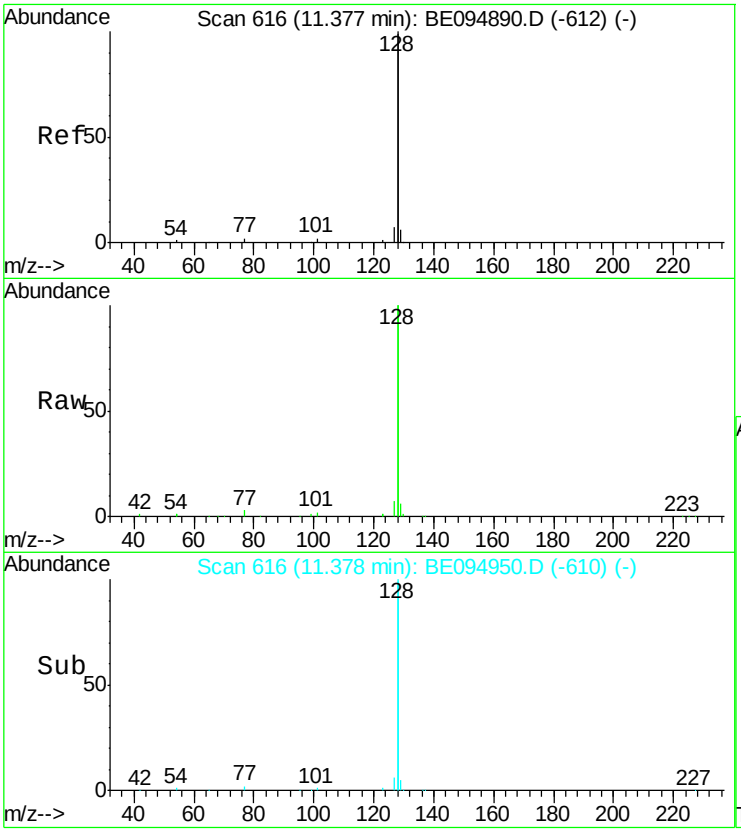


#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 9.67 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion: 82 Resp: 3948

Ion	Ratio	Lower	Upper
82	100		
128	137.3	150.0	225.0#
54	190.3	154.2	231.4



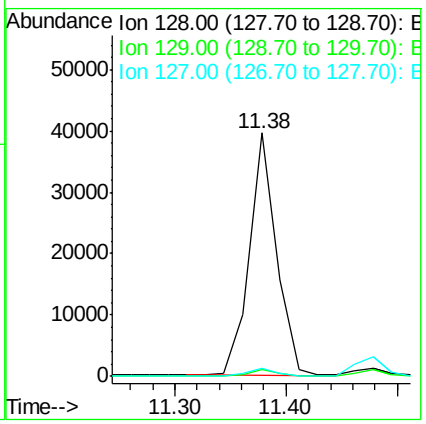


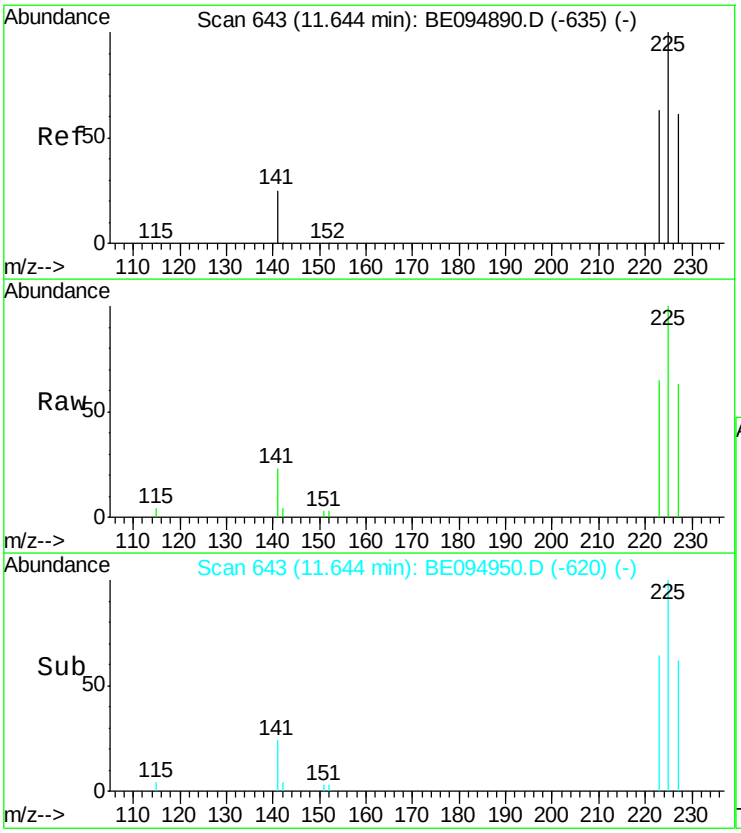
#9
Naphthalene
Concen: 0.396 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 67076

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

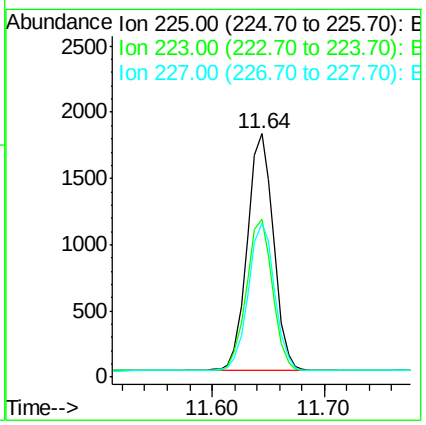


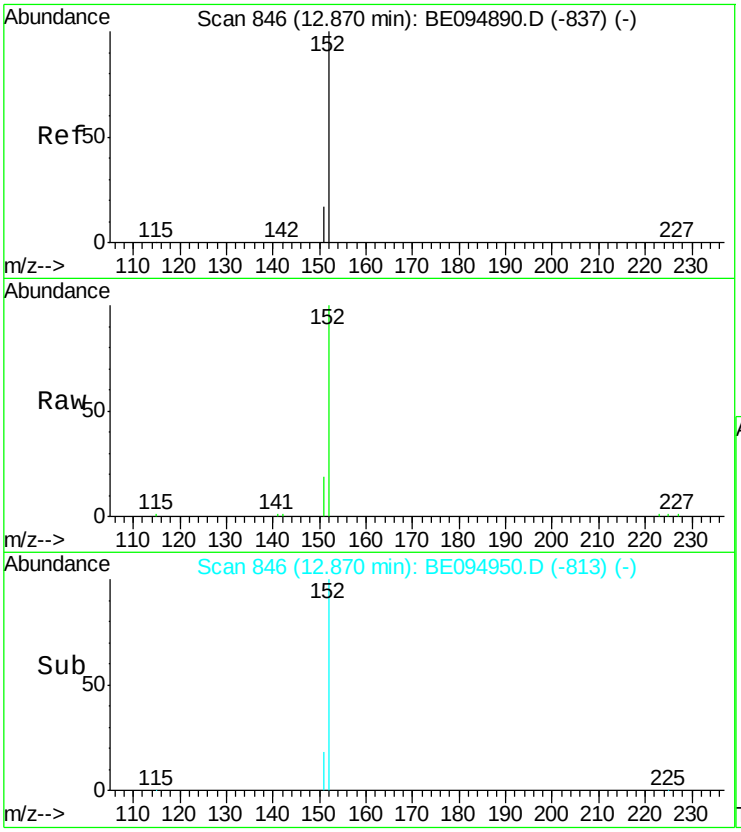


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:225 Resp: 2918

Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.0	79.6
227	62.5	51.4	77.2



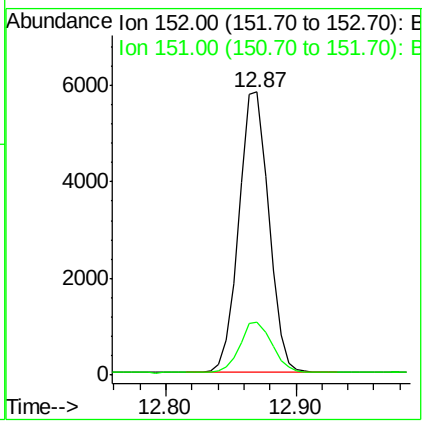


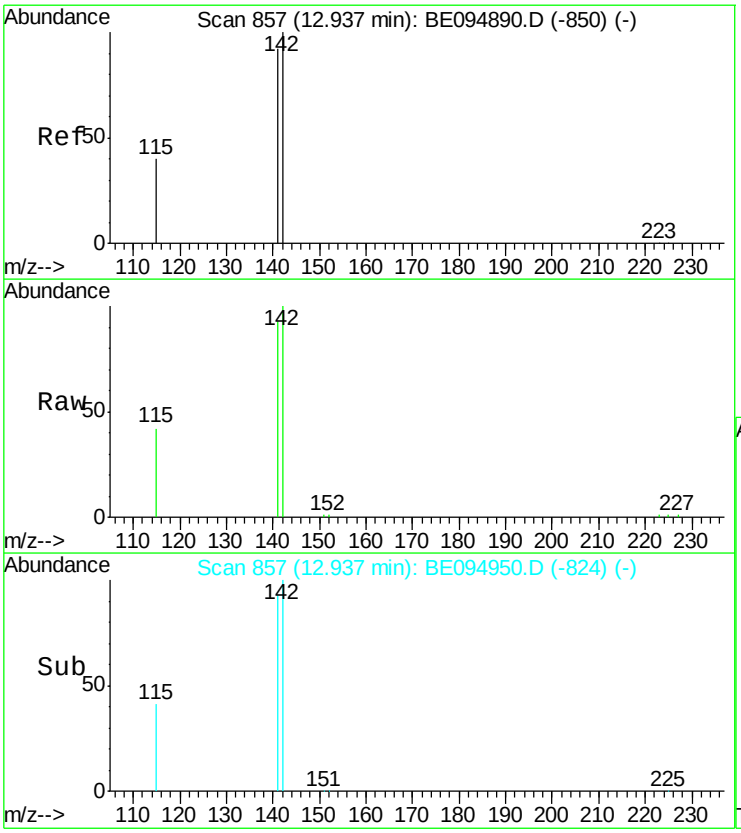
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9226

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

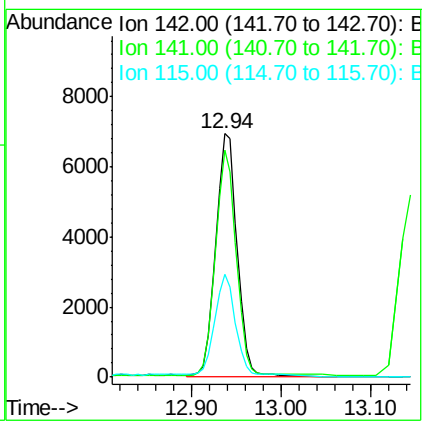


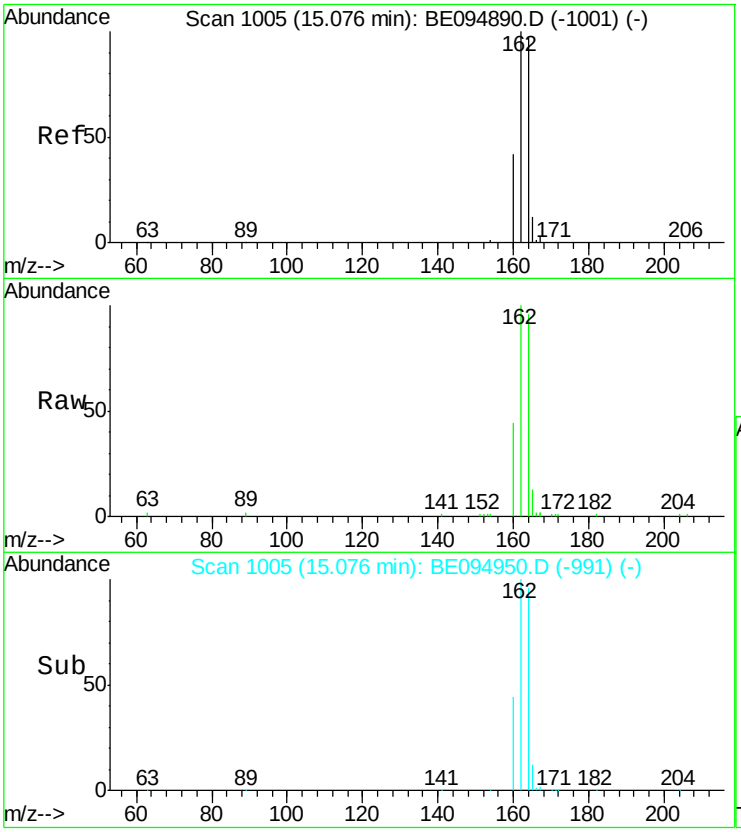


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:142 Resp: 16619

Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.4	105.6
115	42.0	31.7	47.5



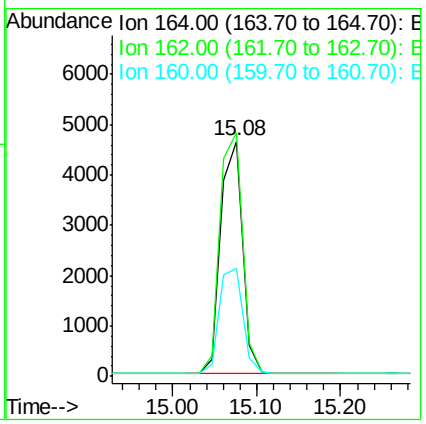


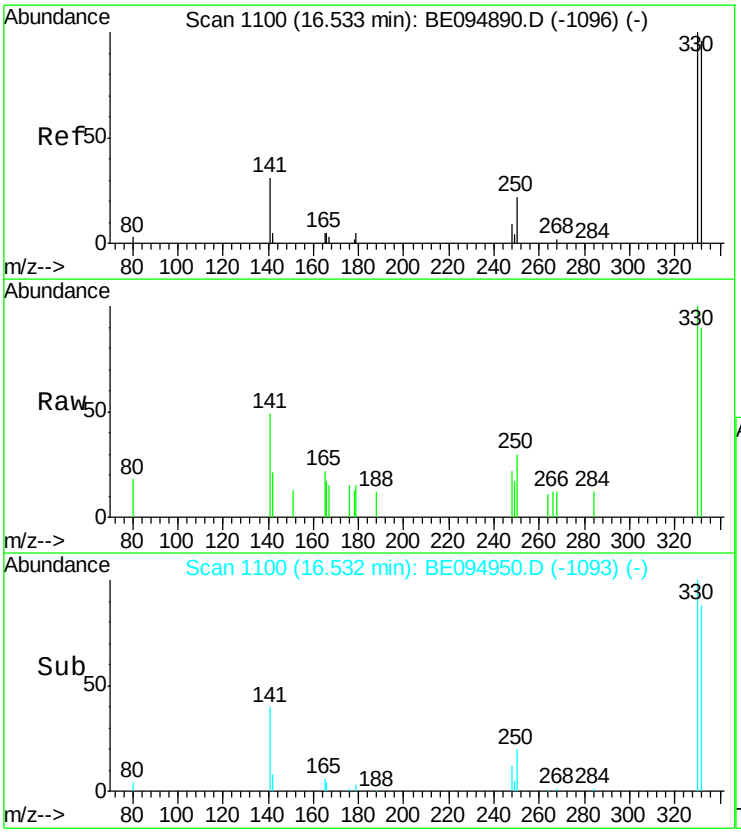
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8334

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	46.1	37.1	55.7

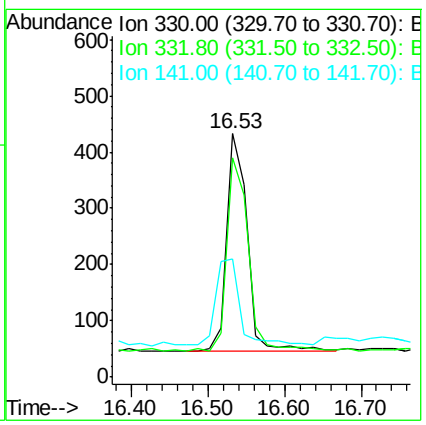


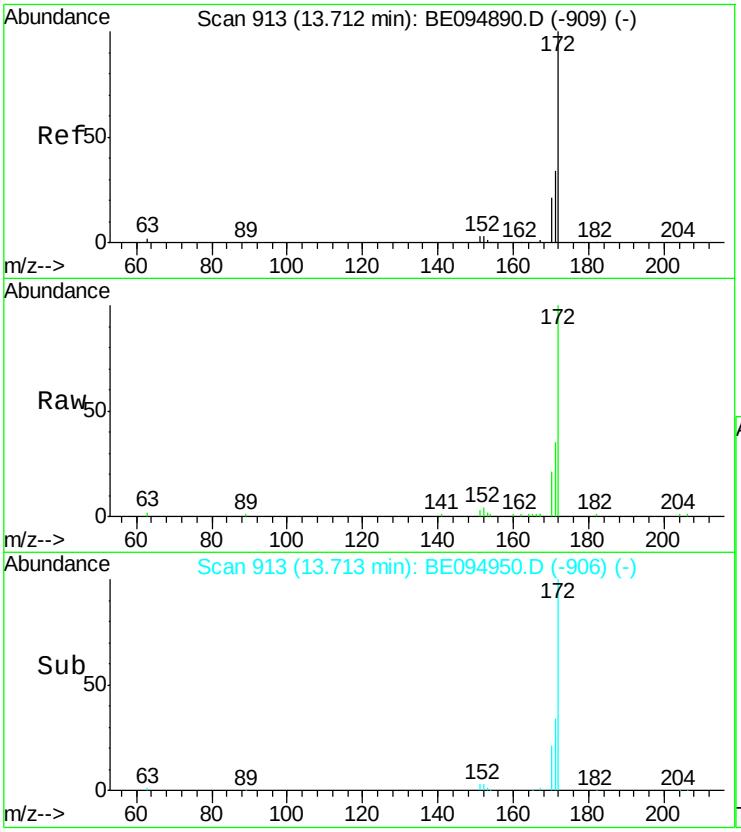


#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:330 Resp: 714

Ion	Ratio	Lower	Upper
330	100		
332	93.1	152.7	229.1#
141	46.1	33.7	50.5



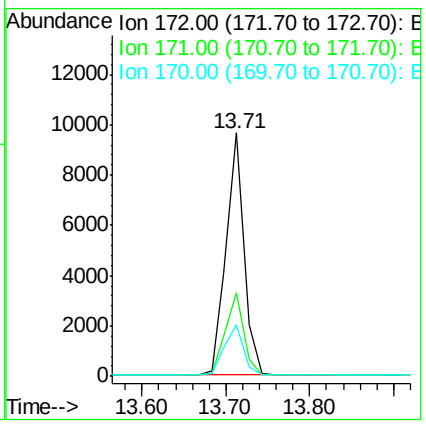


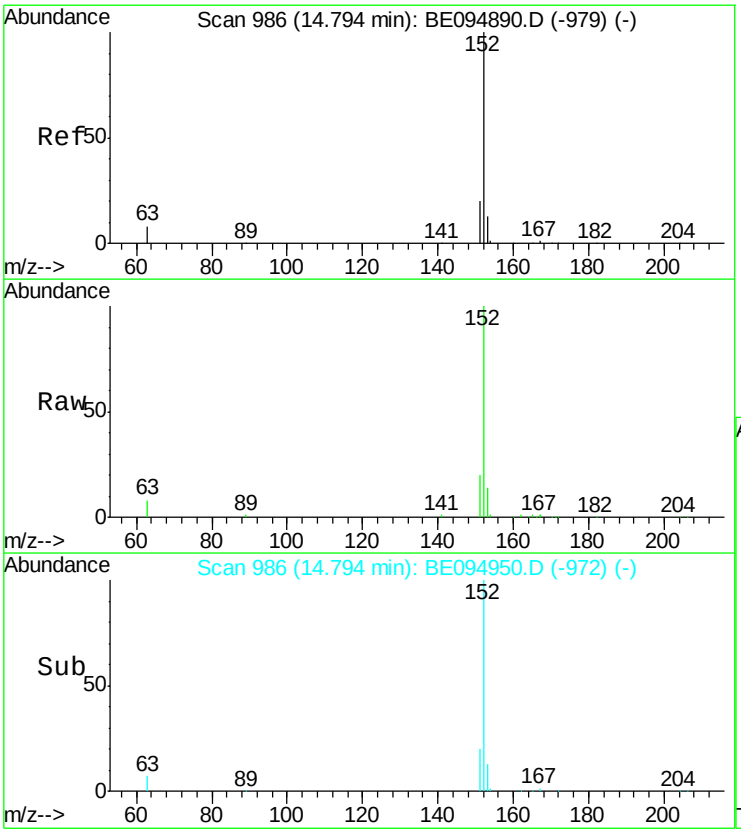
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14238

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	21.3	21.8	32.8#

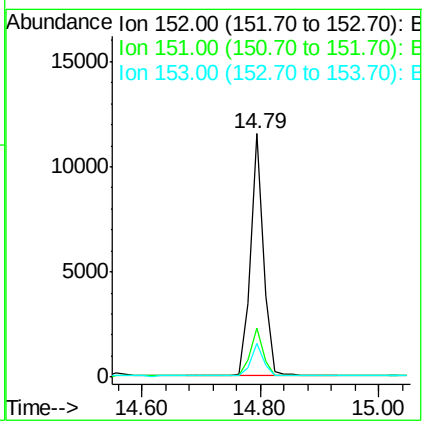


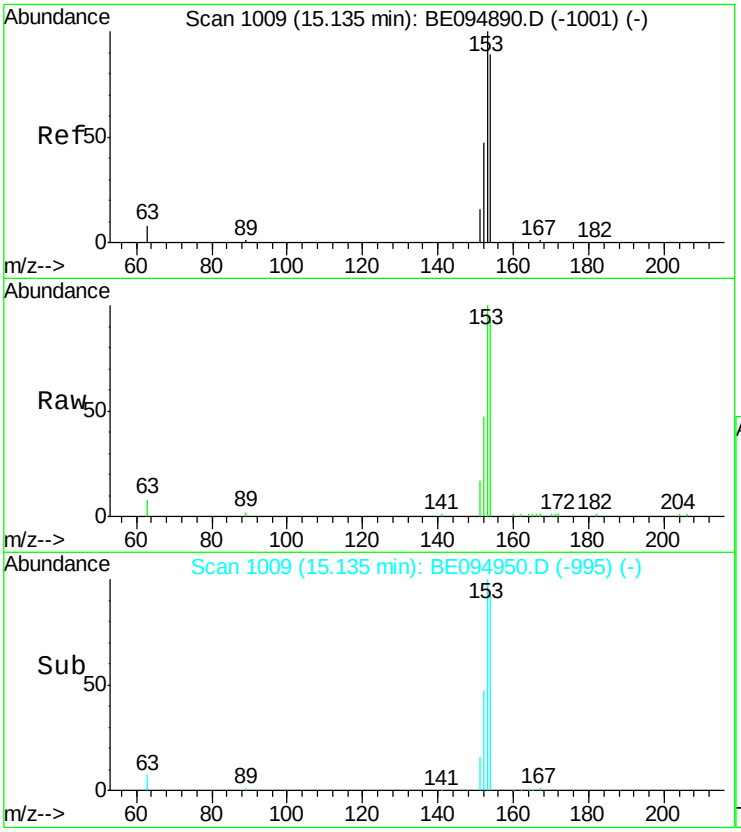


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:152 Resp: 17295

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.5	15.7



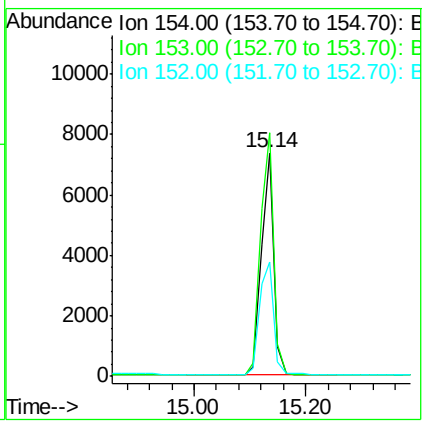


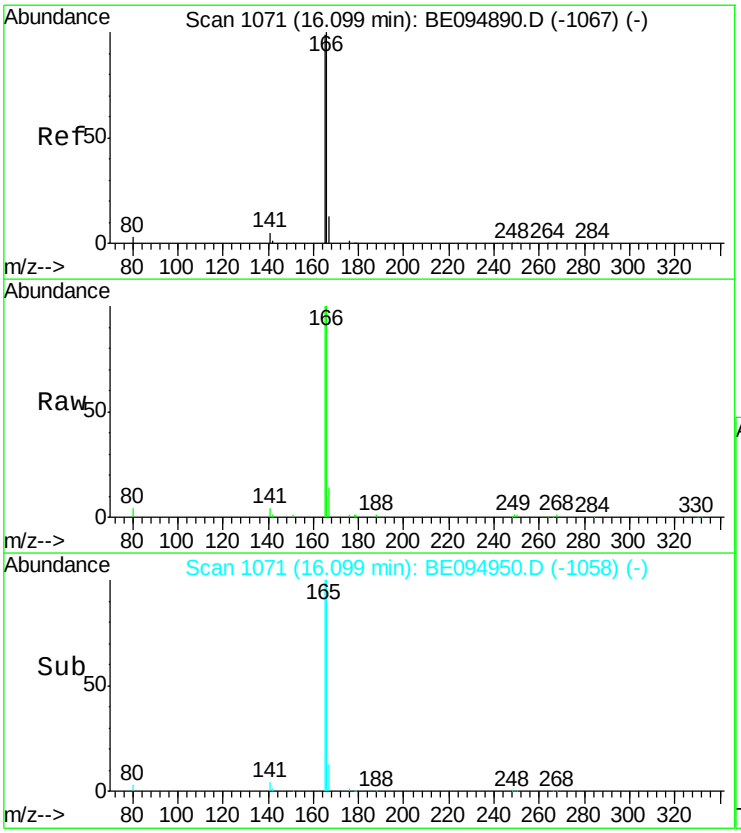
#17
Acenaphthene
Concen: 0.380 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11579

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.2	133.8
152	57.5	42.0	63.0

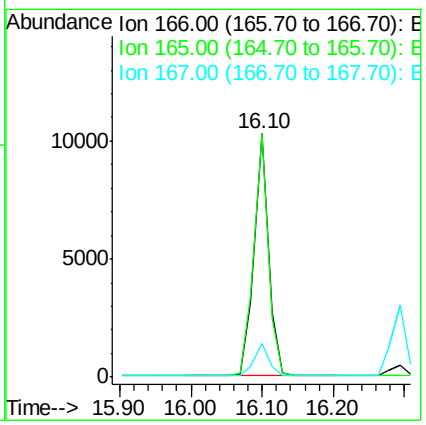


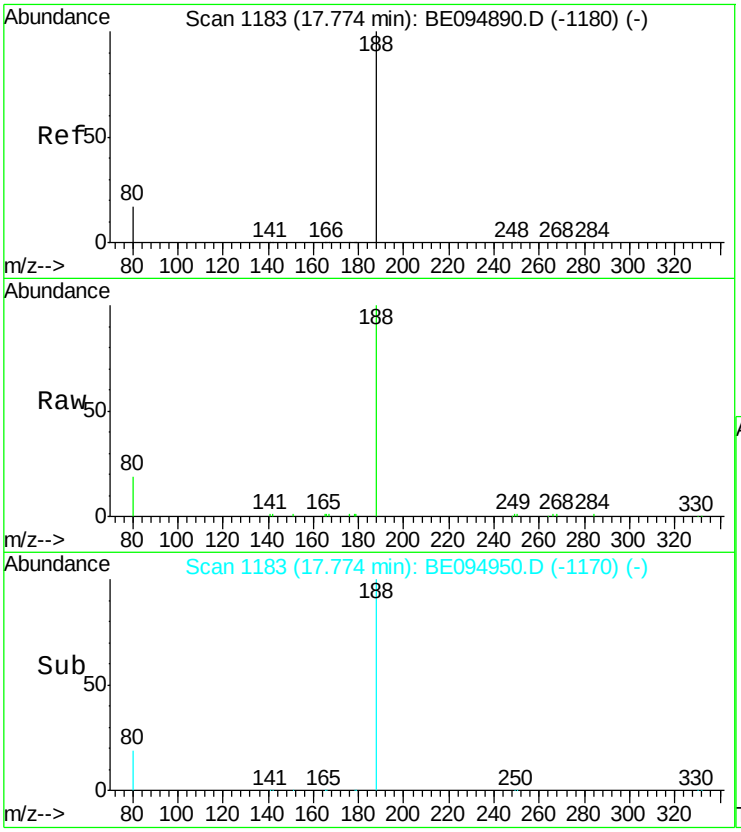


#18
Fluorene
Concen: 0.379 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:166 Resp: 14659

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	13.6	42.4	63.6#



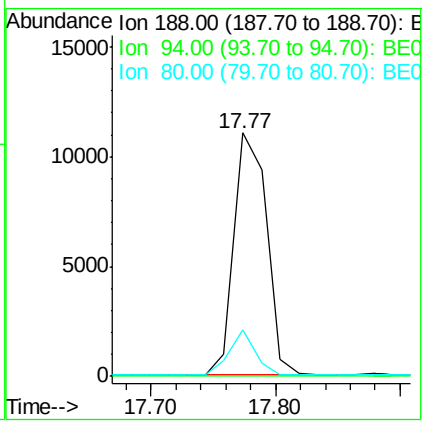


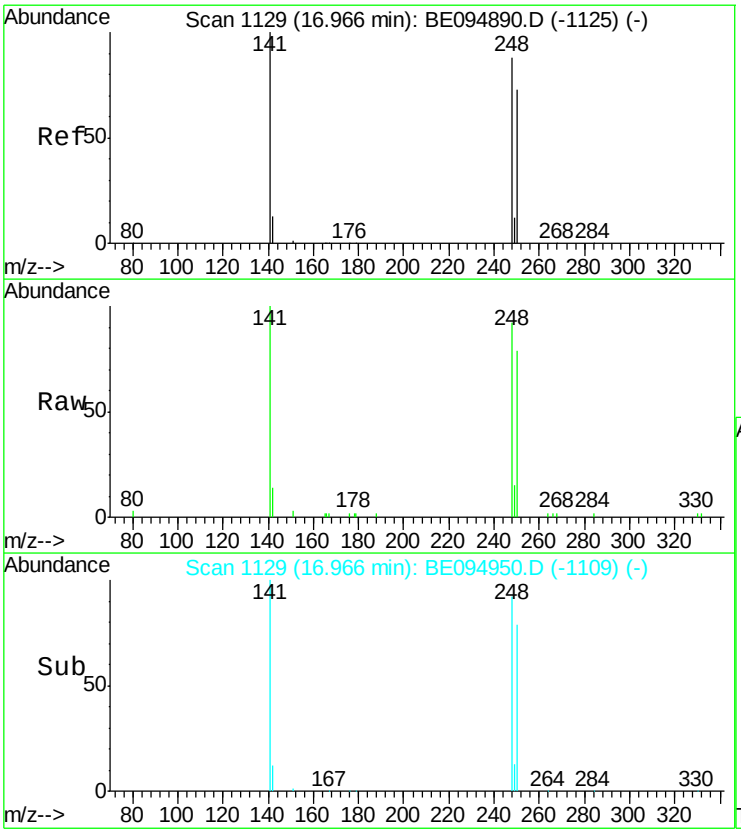
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 19926

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	19.1	3.6	5.4#

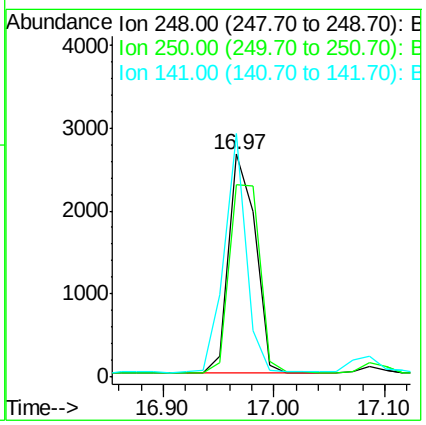


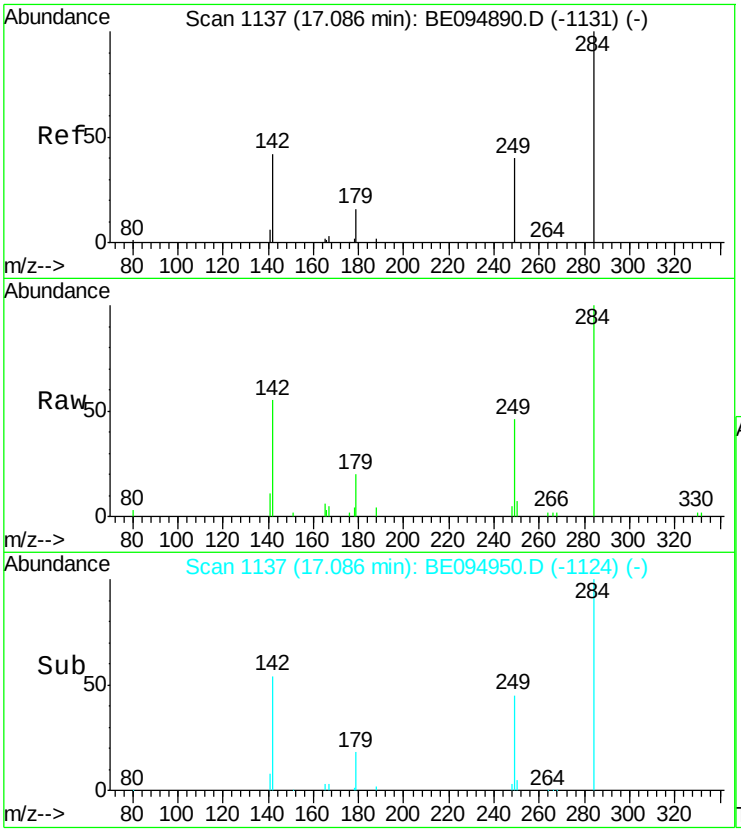


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:248 Resp: 4384

Ion	Ratio	Lower	Upper
248	100		
250	86.6	62.7	94.1
141	109.3	48.2	72.2#



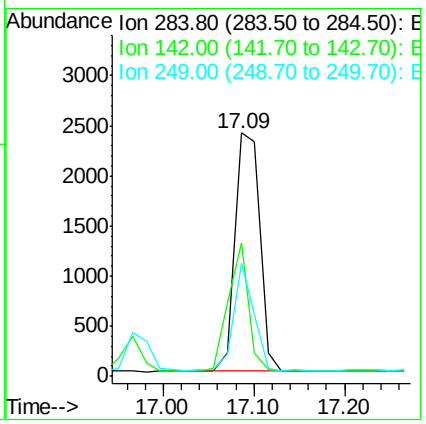


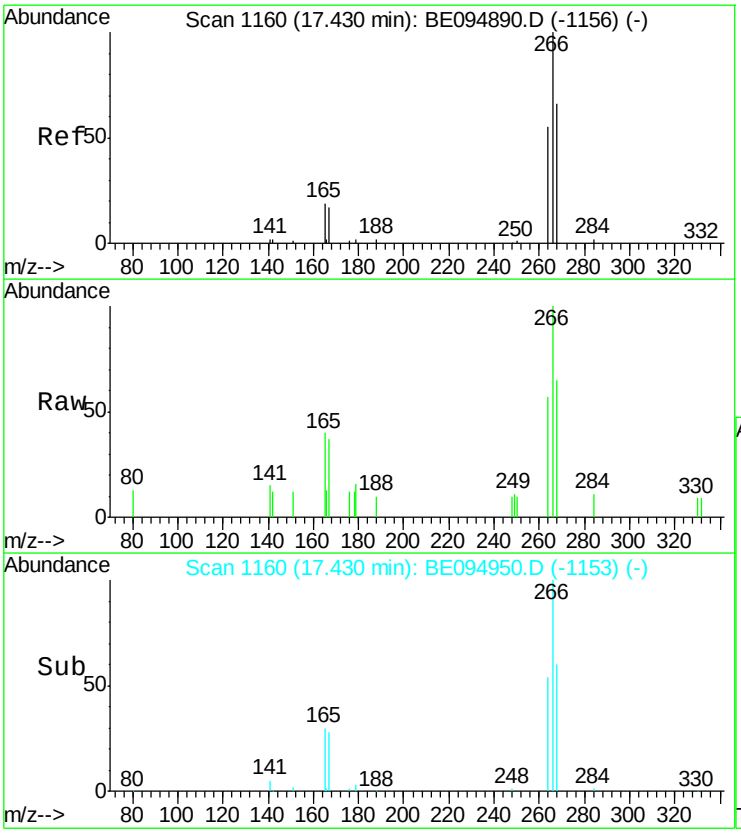
#21
Hexachlorobenzene
Concen: 0.421 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4560

Ion	Ratio	Lower	Upper
284	100		
142	43.2	22.1	33.1#
249	36.4	34.8	52.2

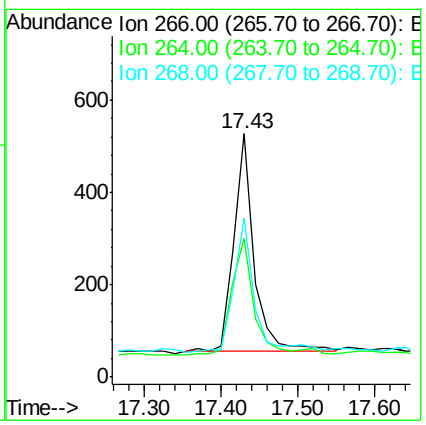


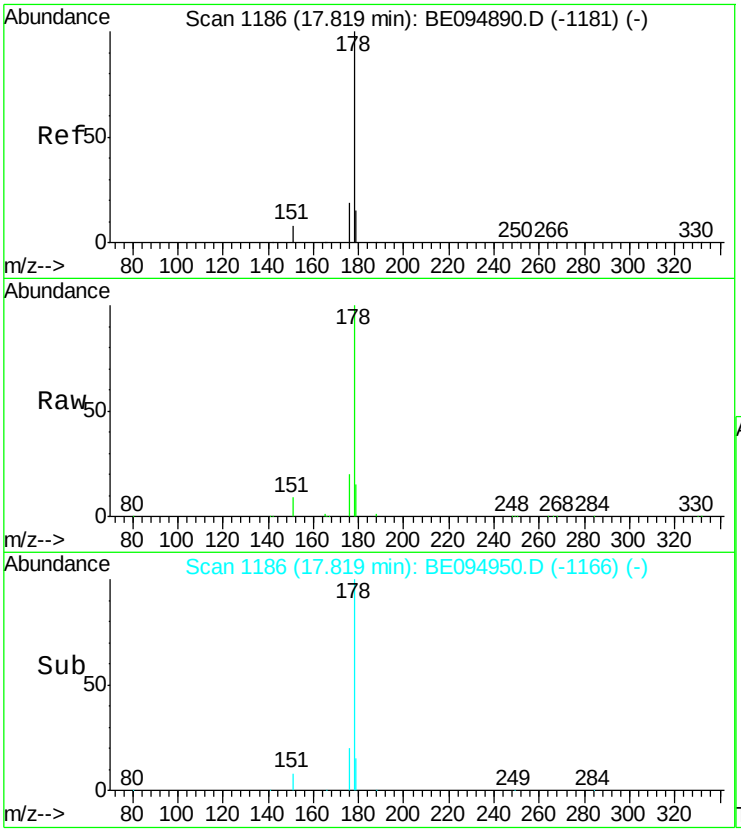


#22
Pentachlorophenol
Concen: 0.374 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:266 Resp: 863

Ion	Ratio	Lower	Upper
266	100		
264	57.1	72.5	108.7#
268	65.5	73.8	110.6#



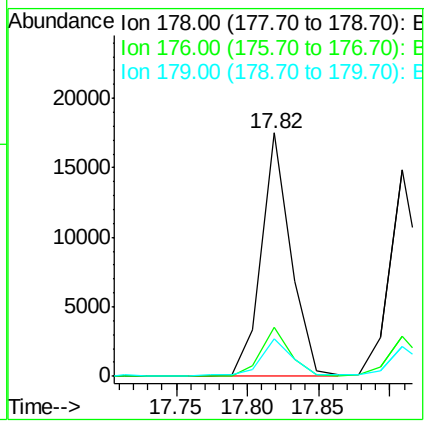


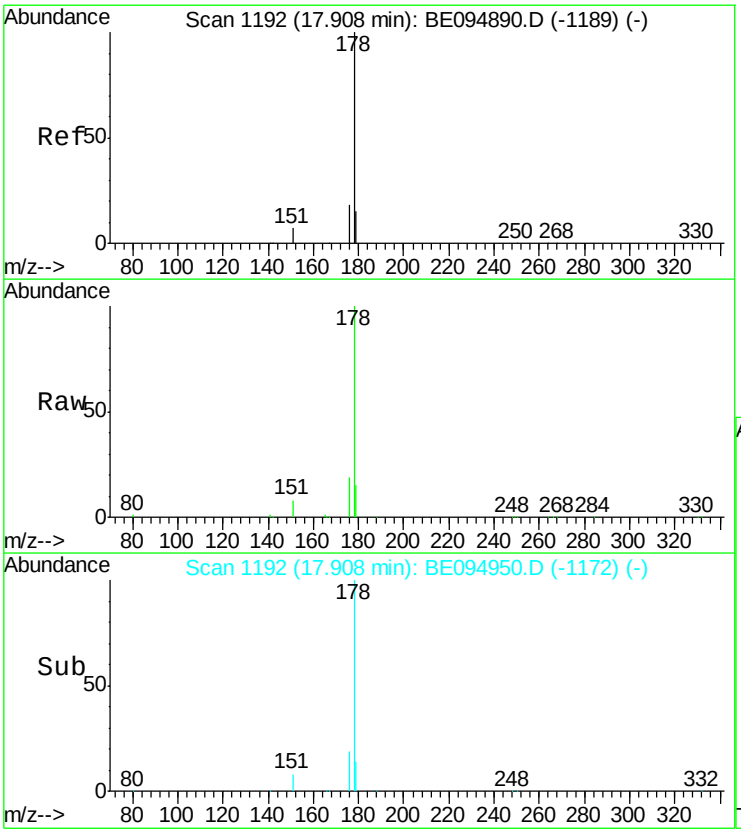
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 25050

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.7	11.8	17.6

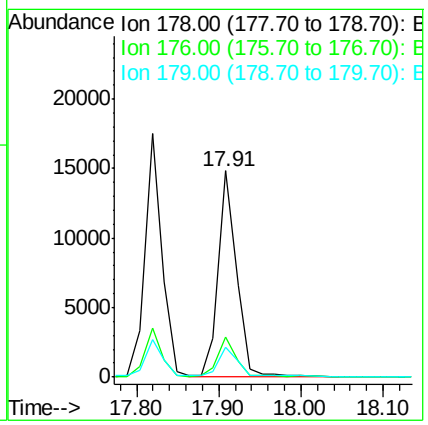


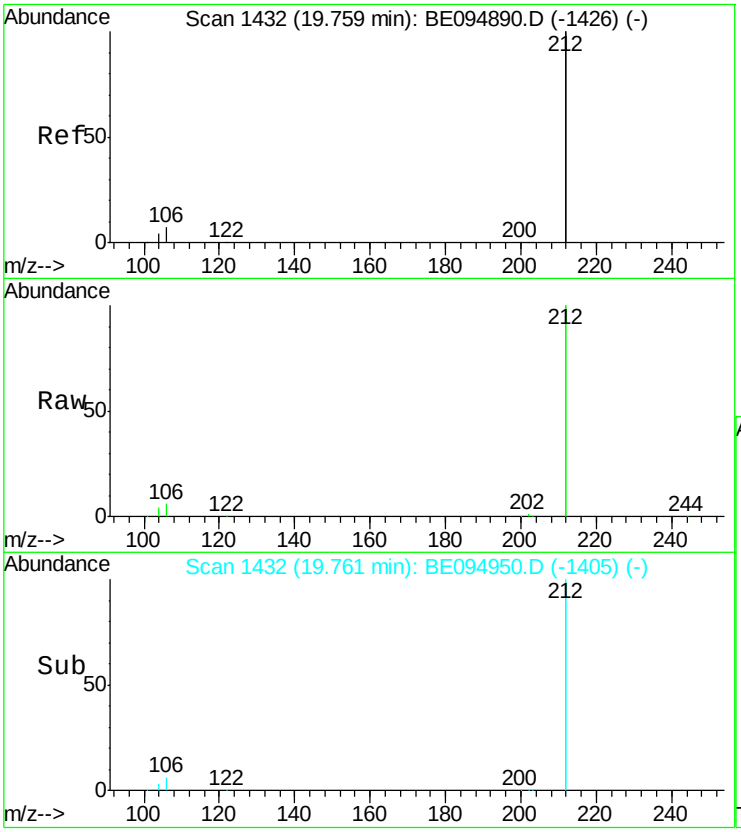


#24
Anthracene
Concen: 0.377 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:178 Resp: 25373

Ion	Ratio	Lower	Upper
178	100		
176	20.6	12.8	19.2#
179	16.8	13.0	19.6



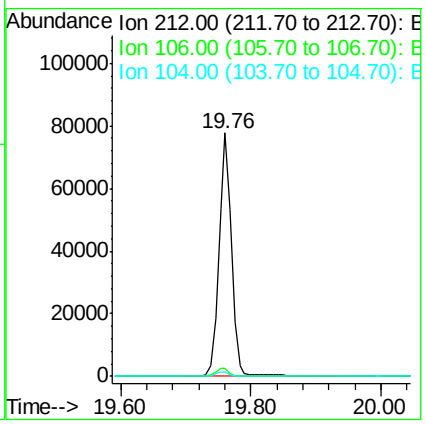


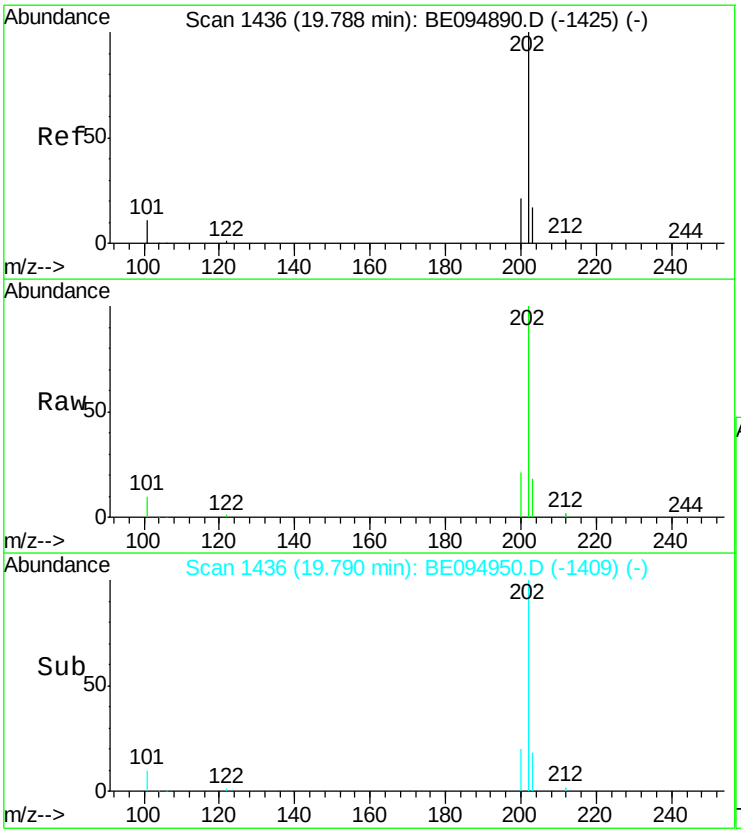
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 102086

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

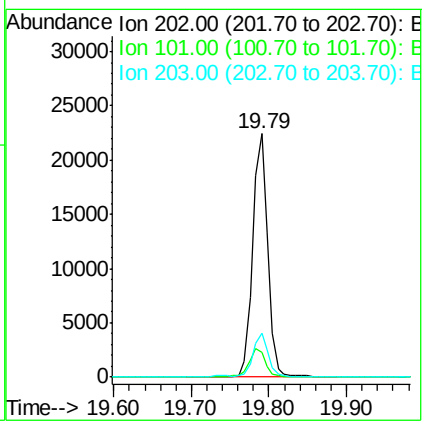


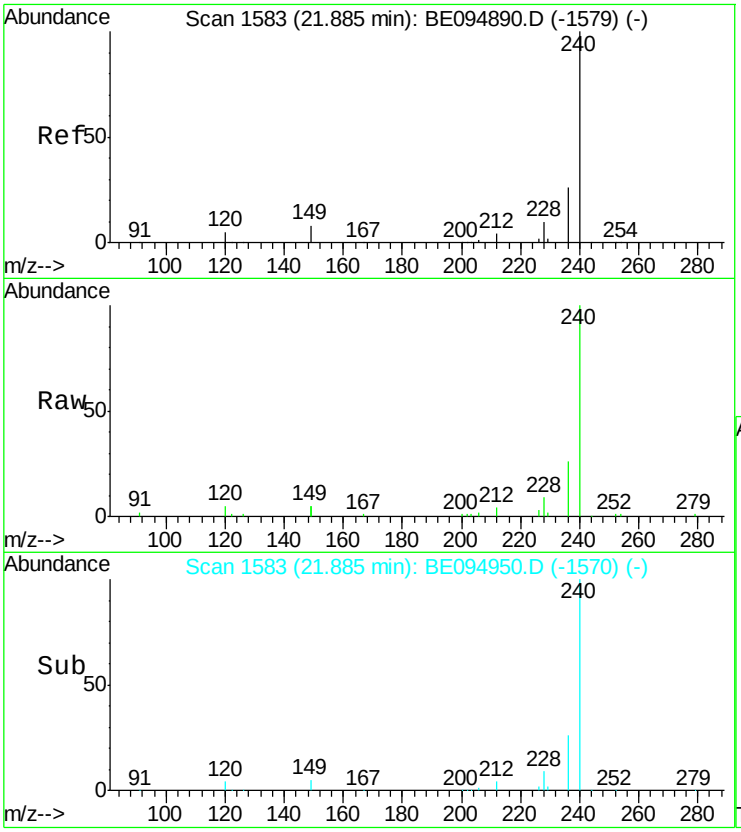


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:202 Resp: 30406

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	17.2	13.7	20.5



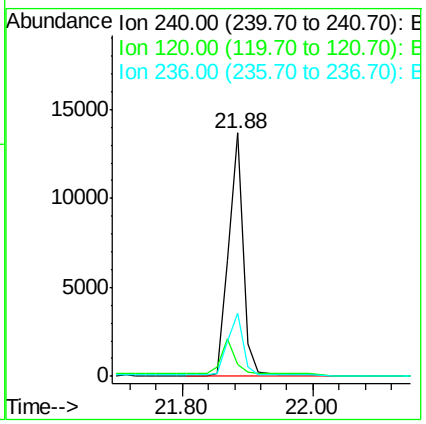


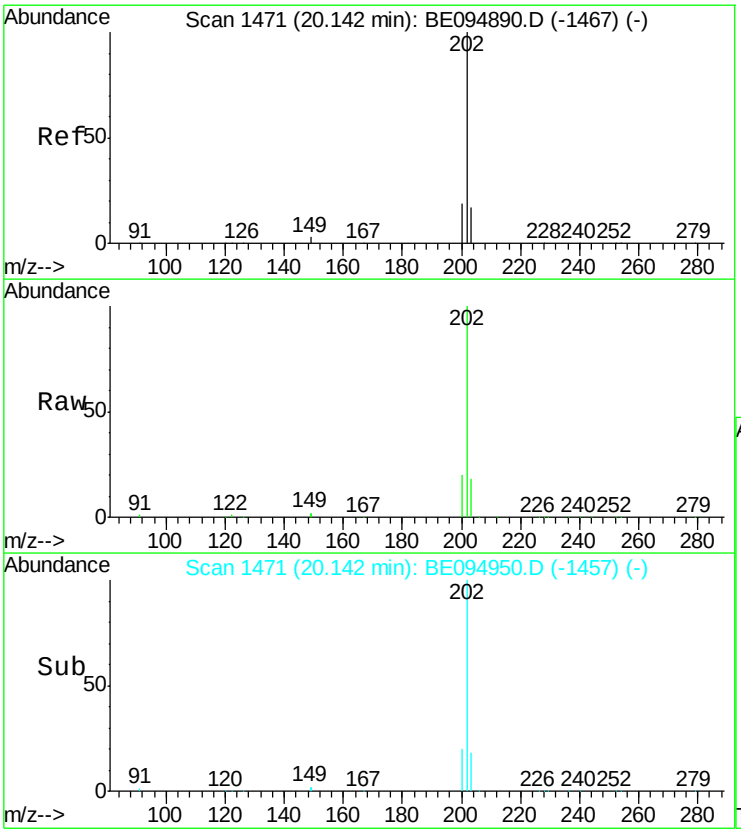
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 22610

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	26.1	20.7	31.1

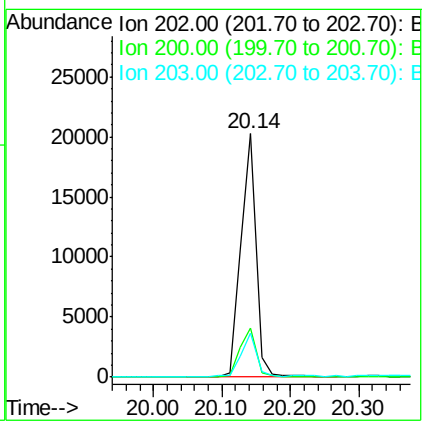


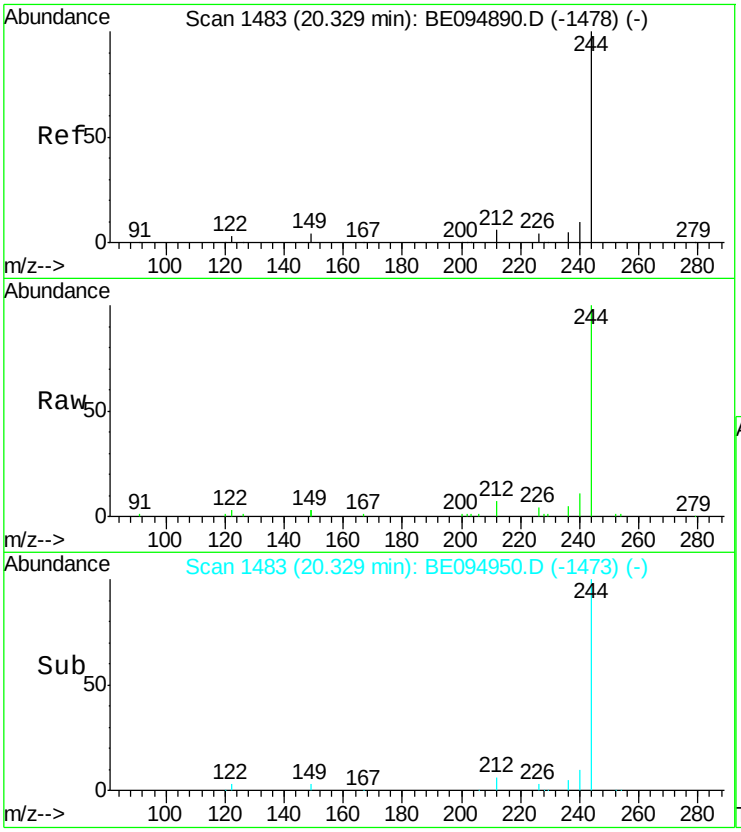


#28
Pyrene
Concen: 0.395 ng
RT: 20.14 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:202 Resp: 30839

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.5	13.8	20.8



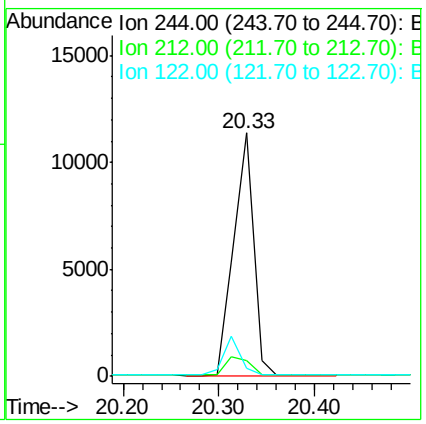


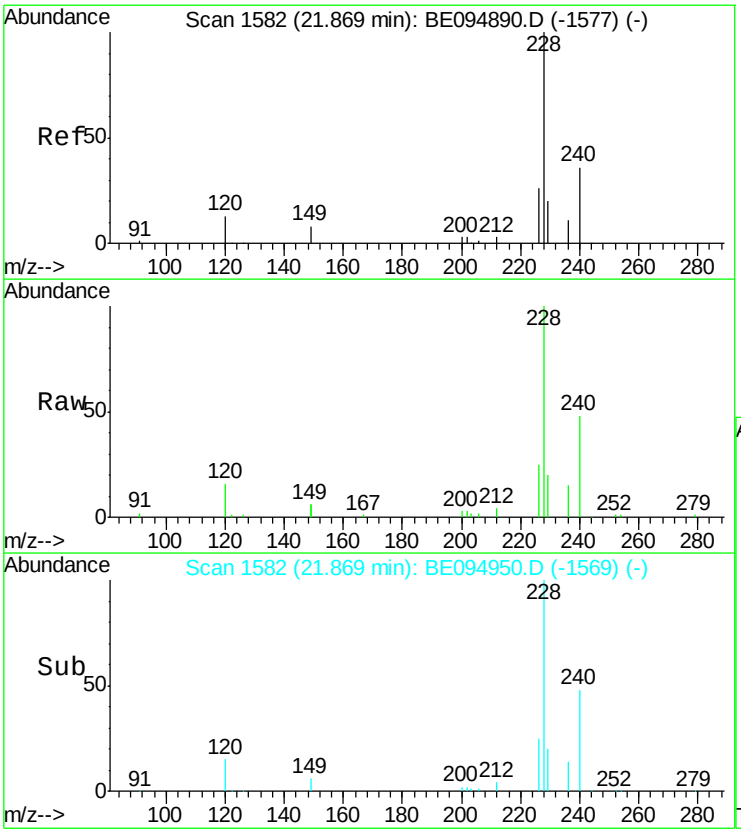
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 20.33 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16332

Ion	Ratio	Lower	Upper
244	100		
212	6.5	25.4	38.0#
122	3.3	8.1	12.1#

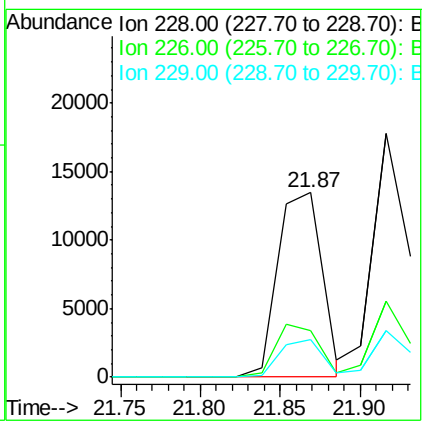


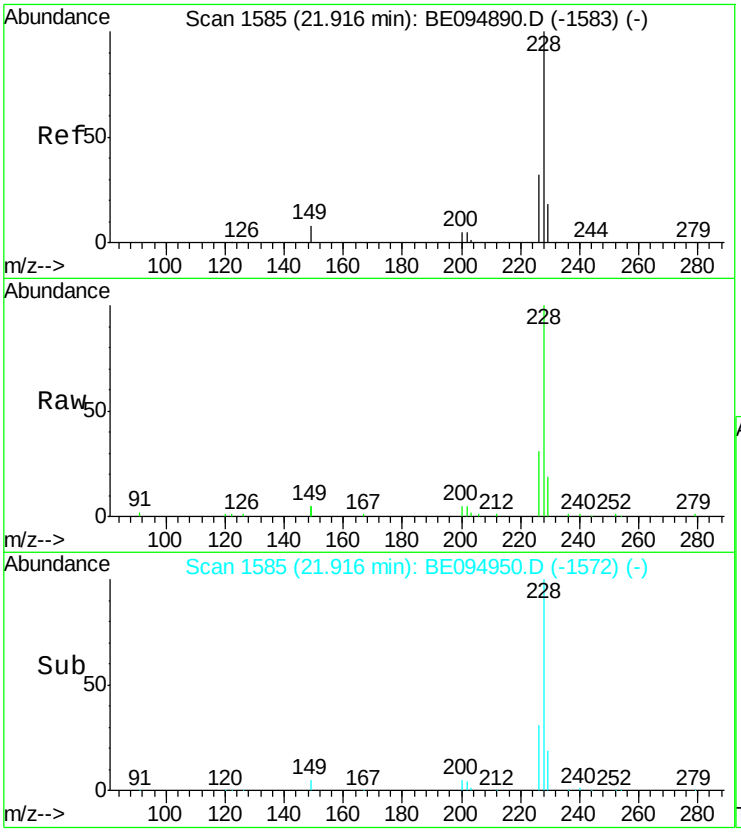


#30
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:228 Resp: 26004

Ion	Ratio	Lower	Upper
228	100		
226	25.4	40.0	60.0#
229	20.5	40.0	60.0#



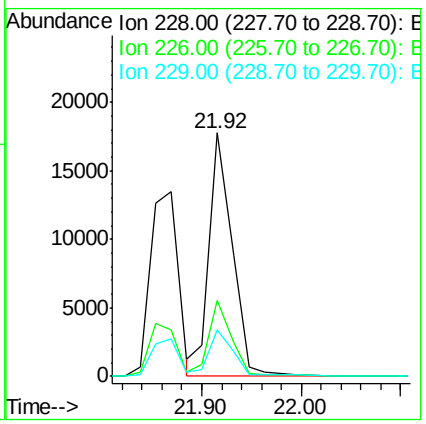


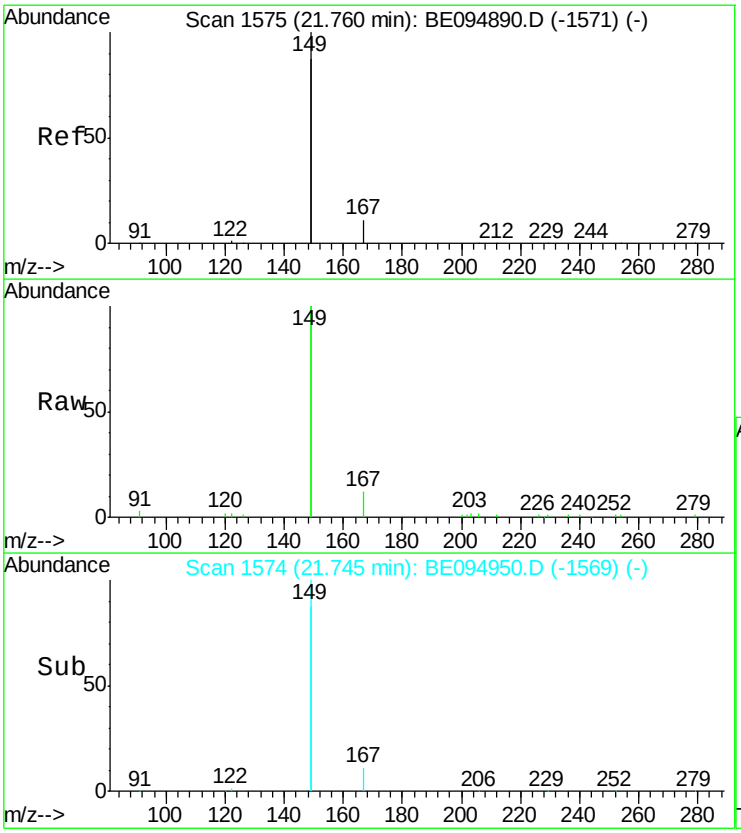
#31
Chrysene
Concen: 0.393 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 30096

Ion	Ratio	Lower	Upper
228	100		
226	31.3	40.0	60.0#
229	19.1	40.0	60.0#

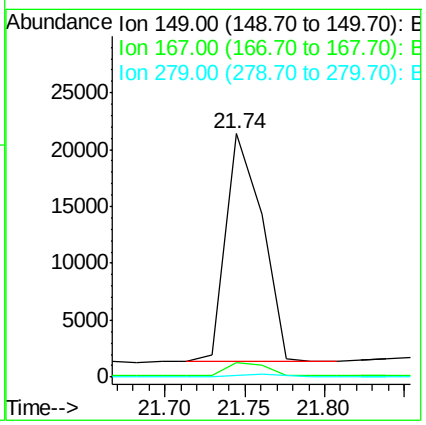


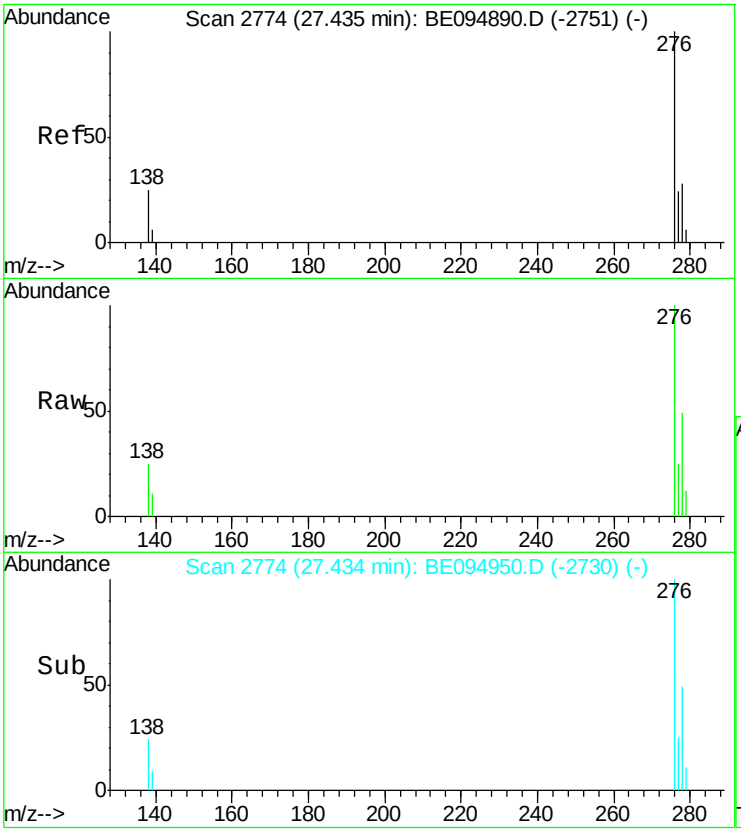


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.275 ng
RT: 21.74 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:149 Resp: 31607

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



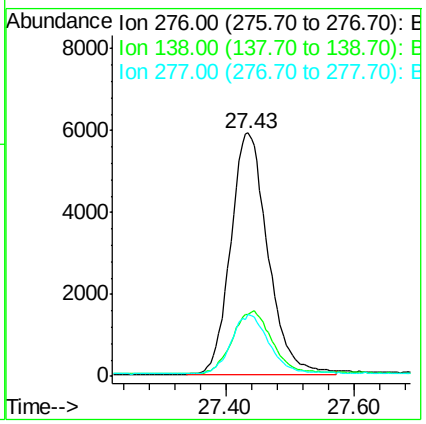


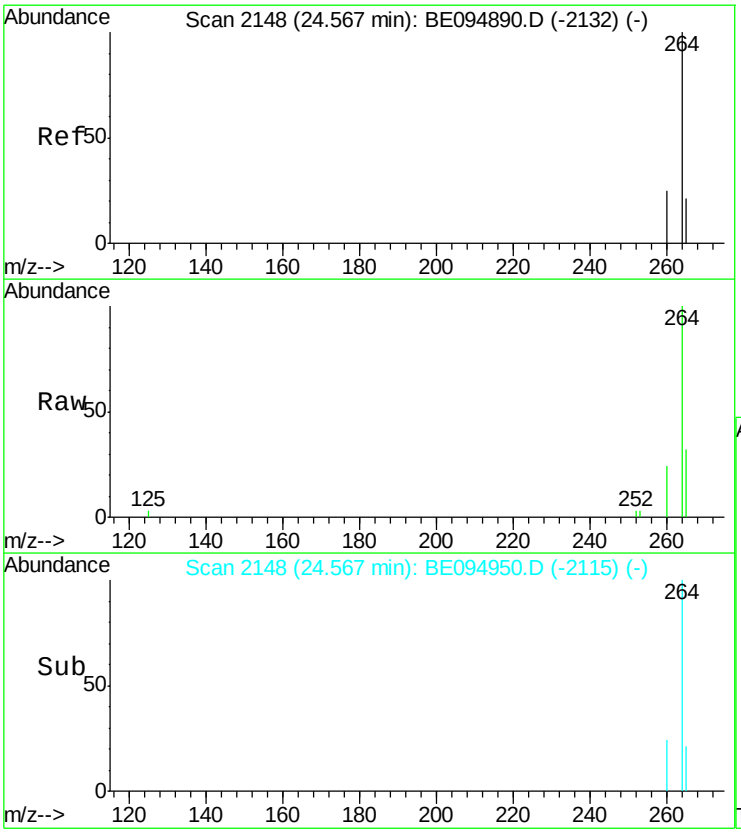
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23663

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.5	33.7
277	24.9	19.9	29.9

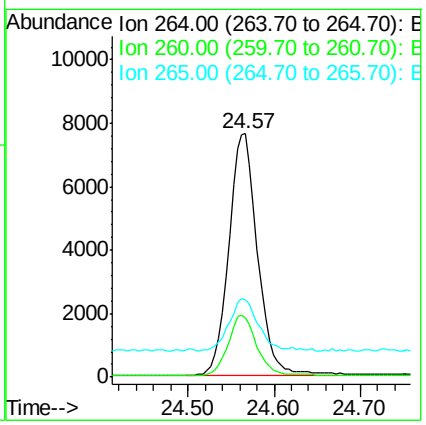


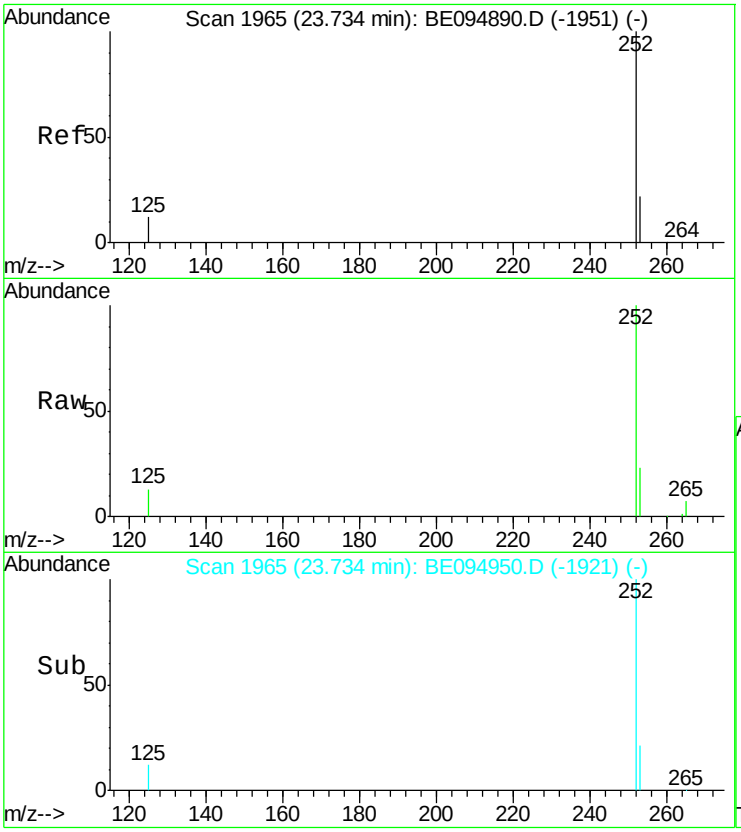


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:264 Resp: 17662

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	31.9	22.8	34.2



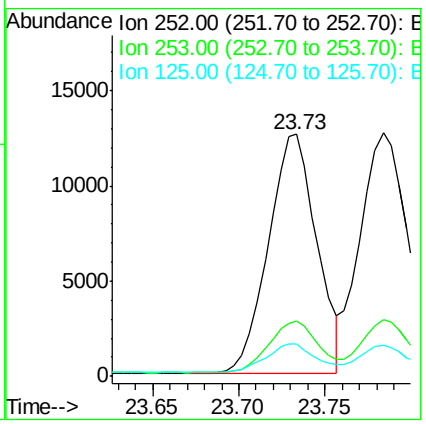


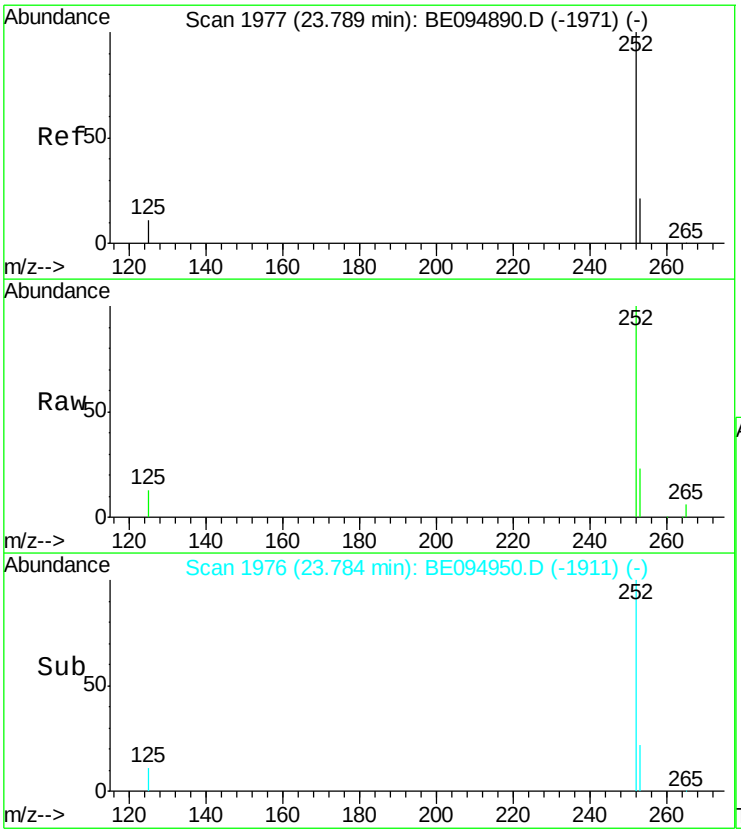
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.73 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24498

Ion	Ratio	Lower	Upper
252	100		
253	23.0	48.0	72.0#
125	13.3	56.0	84.0#

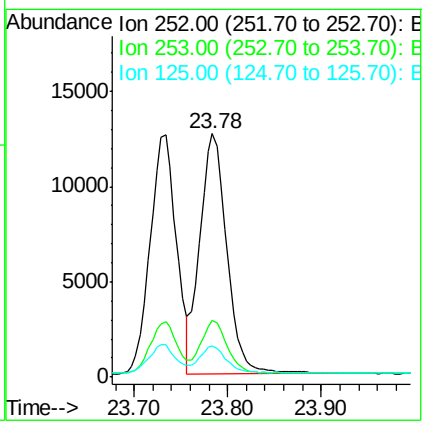


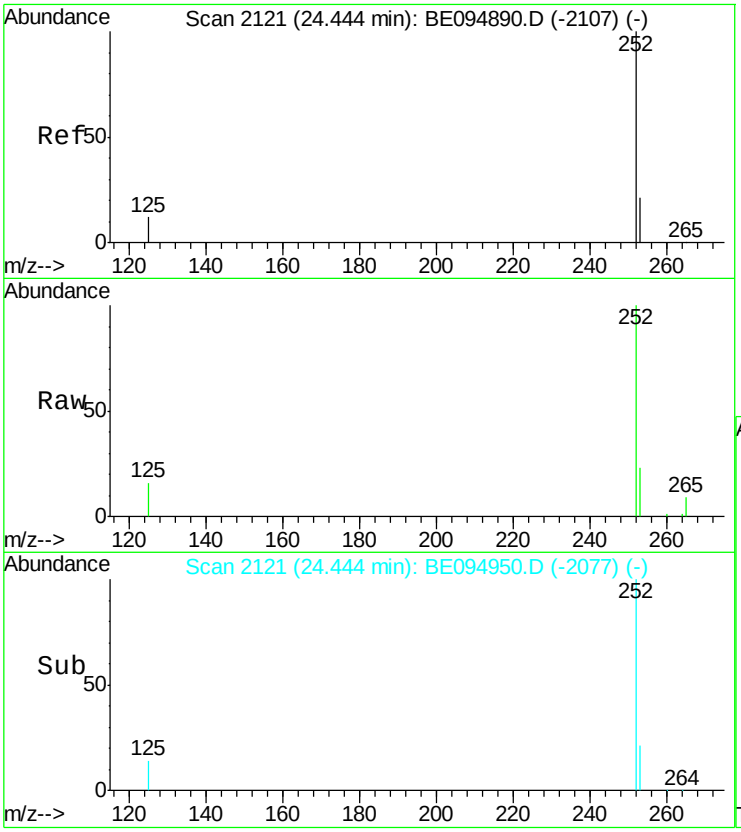


#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:252 Resp: 25149

Ion	Ratio	Lower	Upper
252	100		
253	23.4	48.0	72.0#
125	12.6	56.0	84.0#



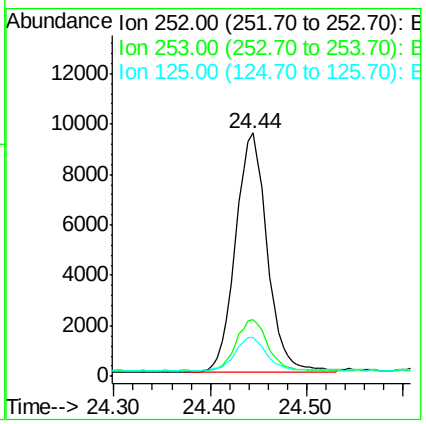


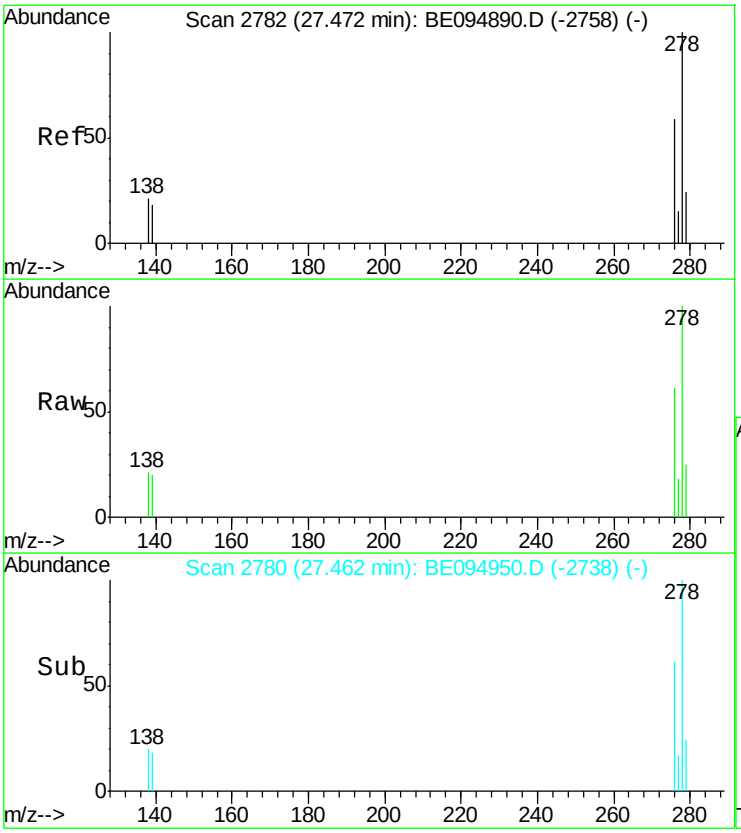
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21692

Ion	Ratio	Lower	Upper
252	100		
253	23.1	52.0	78.0#
125	15.9	68.0	102.0#

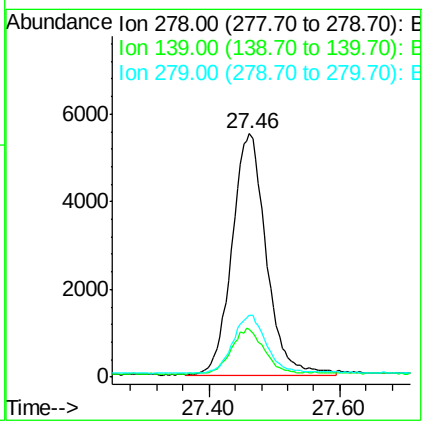


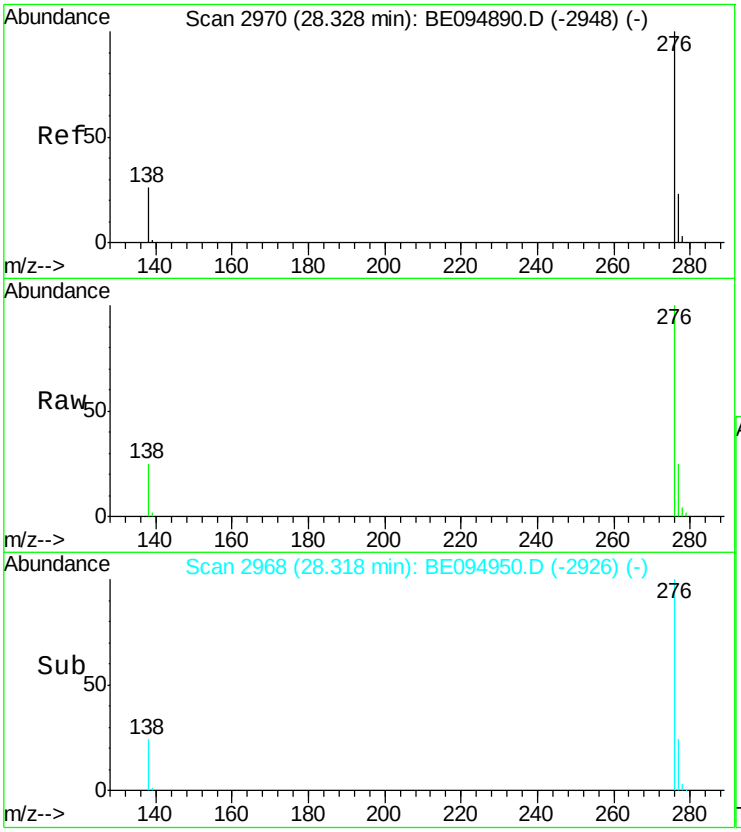


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Tgt Ion:278 Resp: 19907

Ion	Ratio	Lower	Upper
278	100		
139	19.6	56.0	84.0#
279	25.4	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 28.32 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE094950.D
Acq: 8 Dec 2017 14:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20127

Ion	Ratio	Lower	Upper
276	100		
277	24.8	52.0	78.0#
138	24.8	44.0	66.0#