Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094904.D
Acq On : 1 Dec 2017 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 02 00:35:08 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	6709	0.40	ng		-0.01
7) Naphthalene-d8	11.33	136	14984	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	8491	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	21501	0.40	ng		0.00
27) Chrysene-d12	21.88	240	24695	0.40	ng		0.00
34) Perylene-d12	24.56	264	19714	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	4196	0.40	ng		0.00
5) Phenol-d6	7.59	99	6237	0.40	ng		0.00
8) Nitrobenzene-d5	9.67	82	4590	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	9559	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	734	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14444	0.40	ng		0.00
25) Fluoranthene-d10	19.76	212	112054	0.38	ng		0.00
29) Terphenyl-d14	20.33	244	18314	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	2938	0.42	ng	#	89
3) n-Nitrosodimethylamine	4.02	42	3670	0.41	ng	#	81
6) bis(2-Chloroethyl)ether	7.87	93	6436	0.41	ng		100
9) Naphthalene	11.38	128	69856	0.40	ng		99
10) Hexachlorobutadiene	11.64	225	3036	0.41	ng		97
12) 2-Methylnaphthalene	12.94	142	17552	0.40	ng		95
16) Acenaphthylene	14.79	152	18385	0.38	ng		100
17) Acenaphthene	15.13	154	12126	0.39	ng		96
18) Fluorene	16.10	166	15619	0.40	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	4758	0.40	ng	#	66
21) Hexachlorobenzene	17.09	284	4704	0.40	ng	#	80
22) Pentachlorophenol	17.43	266	1140	0.43	ng	#	68
23) Phenanthrene	17.82	178	27330	0.40	ng		99
24) Anthracene	17.91	178	28077	0.39	ng	#	93
26) Fluoranthene	19.79	202	33811	0.38	ng		100
28) Pyrene	20.14	202	34093	0.40	ng		99
30) Benzo(a)anthracene	21.85	228	29433	0.39	ng	#	62
31) Chrysene	21.92	228	32966	0.39	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	39854	0.32	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	26720	0.39	ng		99
35) Benzo(b)fluoranthene	23.73	252	28256	0.39	ng	#	40
36) Benzo(k)fluoranthene	23.78	252	28945	0.39	ng	#	39
37) Benzo(a)pyrene	24.44	252	24124	0.38	ng	#	33
38) Dibenzo(a,h)anthracene	27.46	278	22671	0.39	ng	#	43
39) Benzo(g,h,i)perylene	28.32	276	22326	0.38	ng	#	53

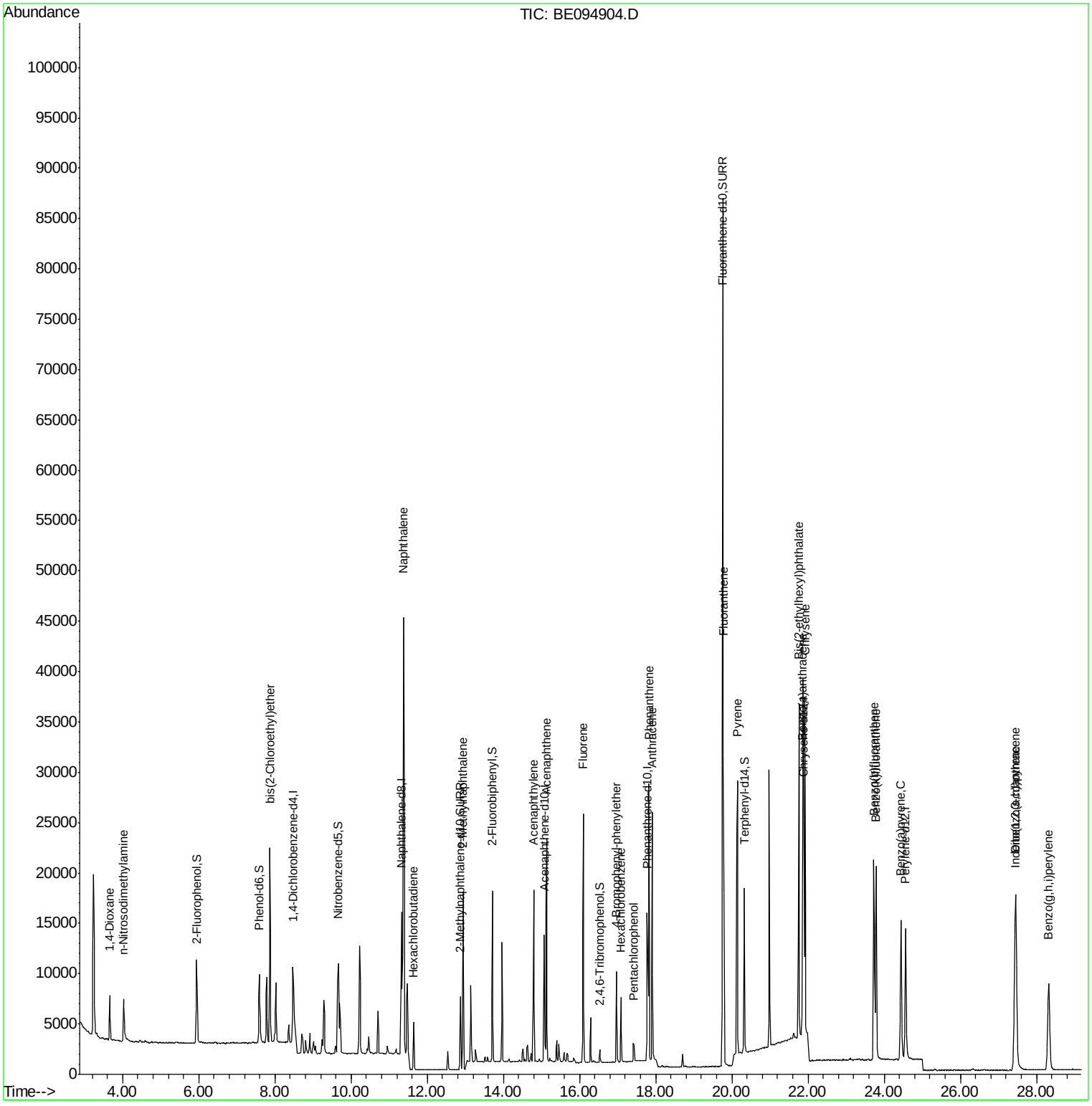
(#) = qualifier out of range (m) = manual integration (+) = signals summed

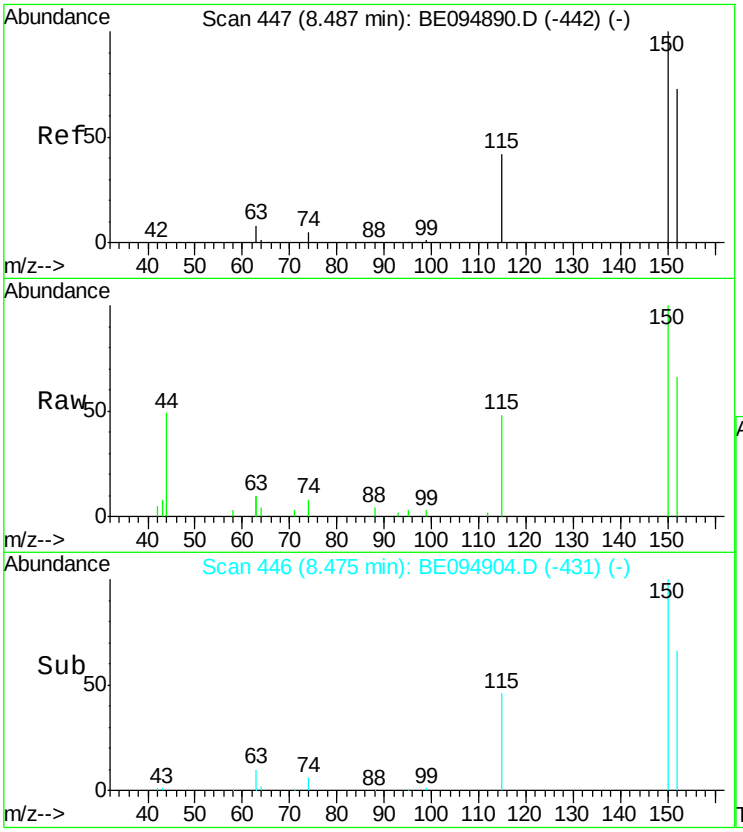
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094904.D
Acq On : 1 Dec 2017 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 02 00:35:08 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



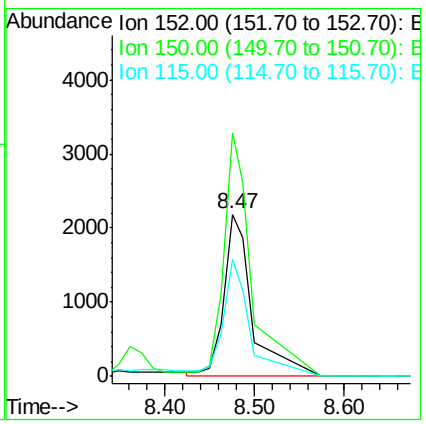


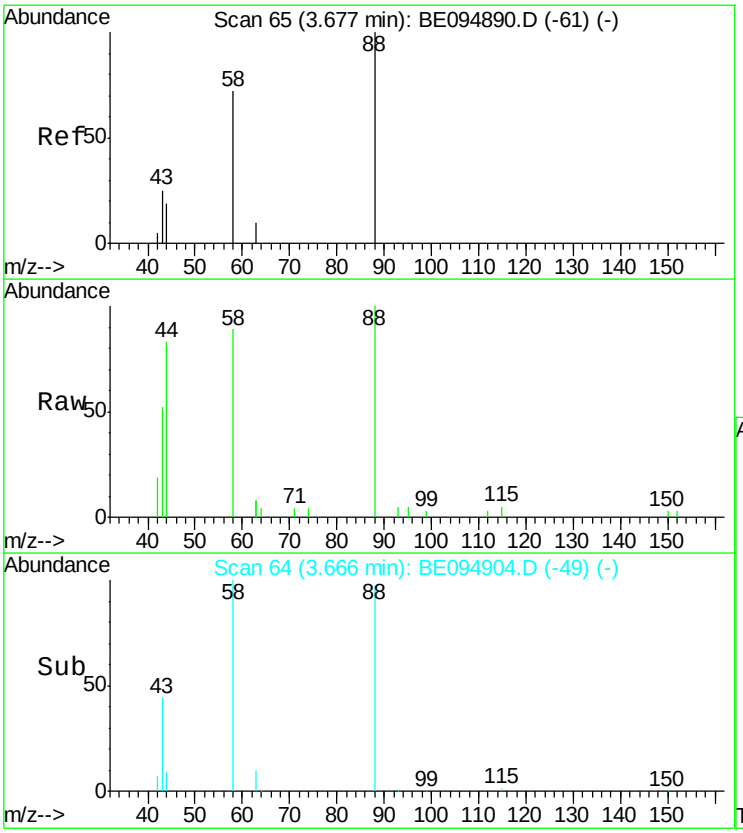
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.47 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6709

Ion	Ratio	Lower	Upper
152	100		
150	150.5	117.2	175.8
115	72.2	57.0	85.6

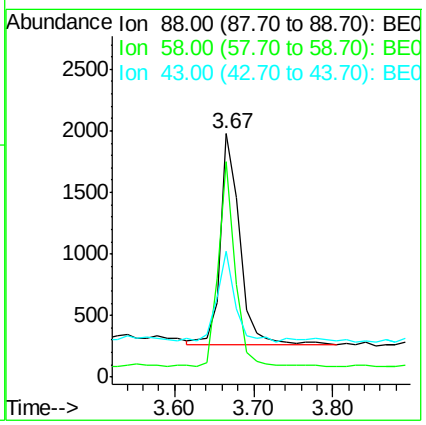


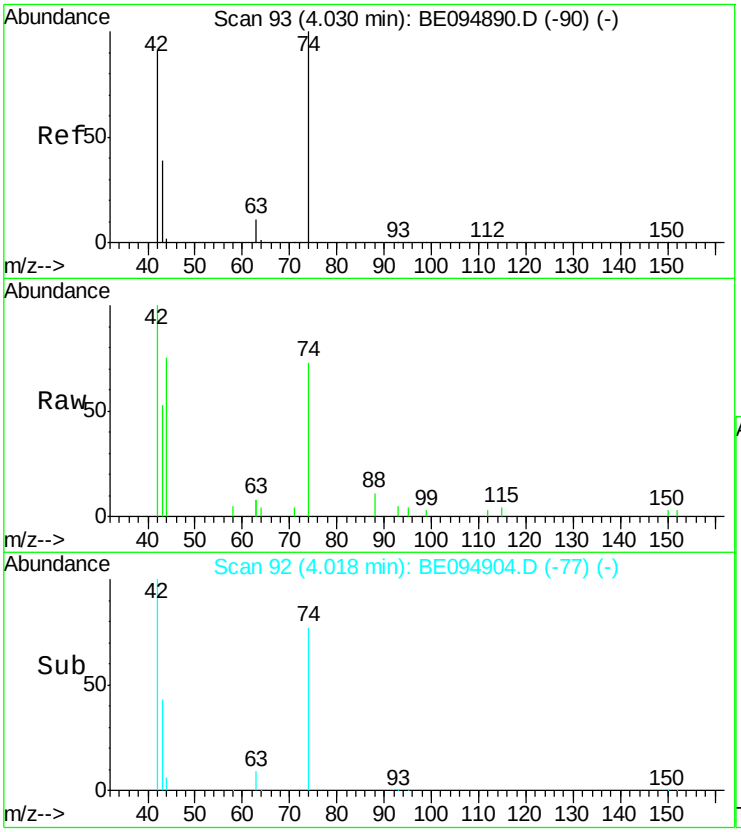


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.67 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion: 88 Resp: 2938

Ion	Ratio	Lower	Upper
88	100		
58	85.5	63.2	94.8
43	40.2	41.2	61.8#



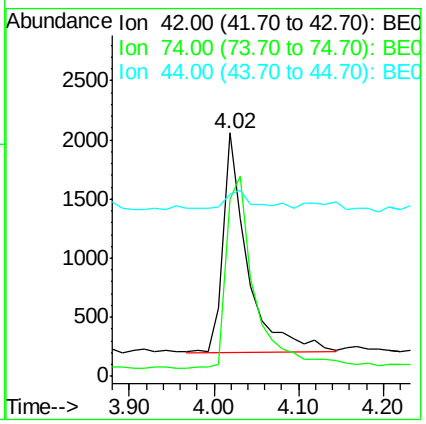


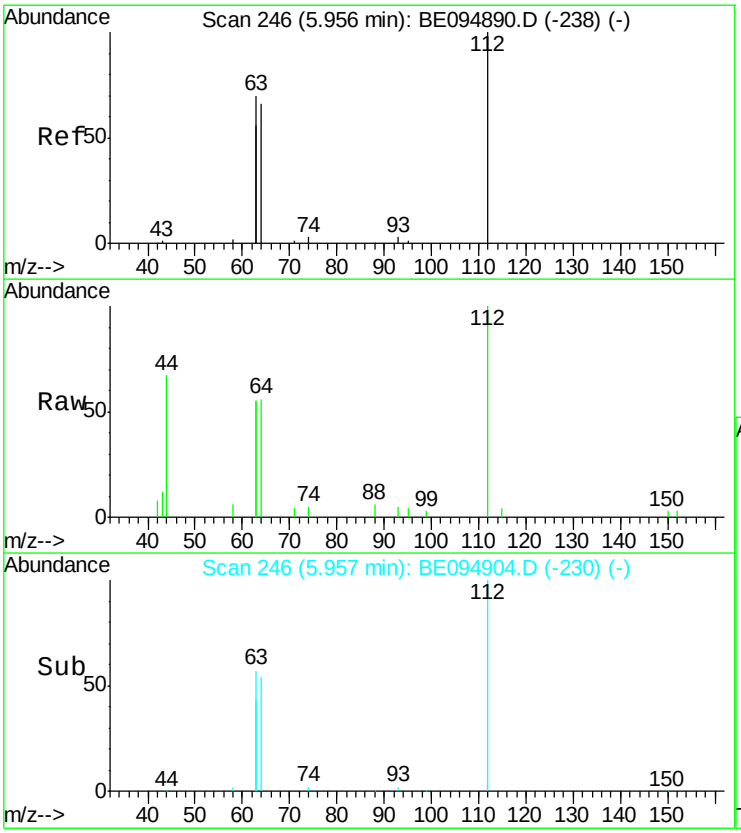
#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3670

Ion	Ratio	Lower	Upper
42	100		
74	104.8	100.3	150.5
44	9.9	17.0	25.4#

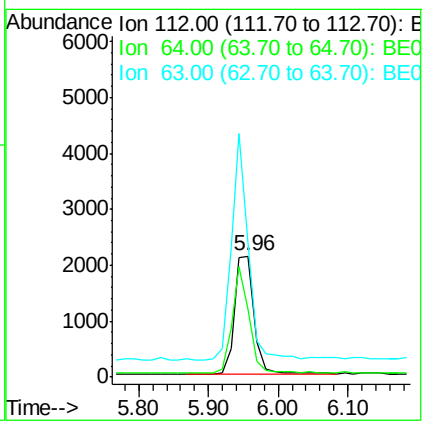


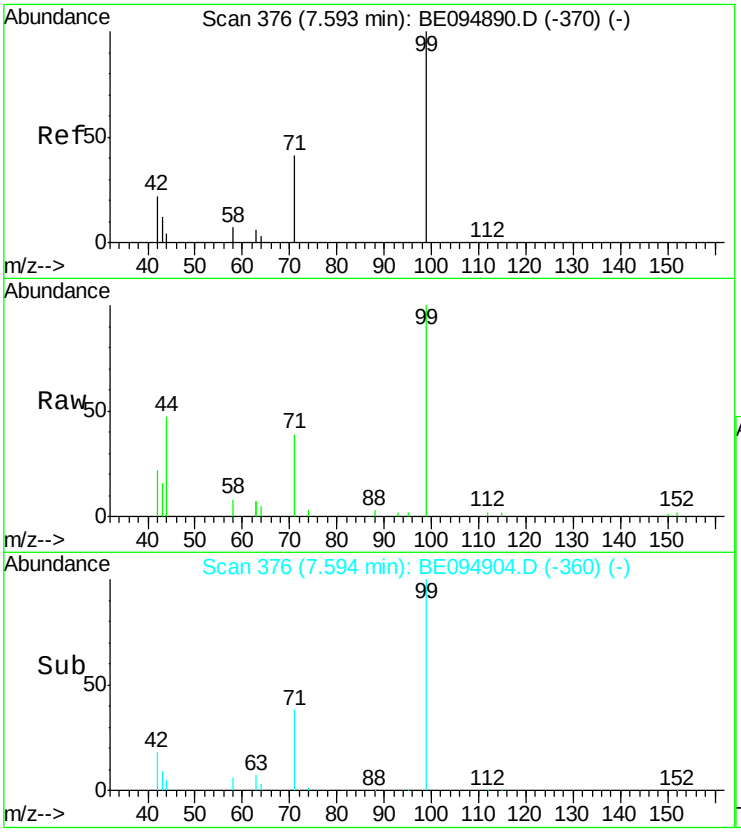


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.96 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:112 Resp: 4196

Ion	Ratio	Lower	Upper
112	100		
64	78.4	60.1	90.1
63	165.8	116.8	175.2



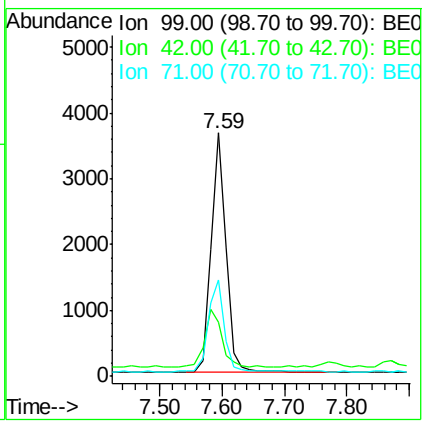


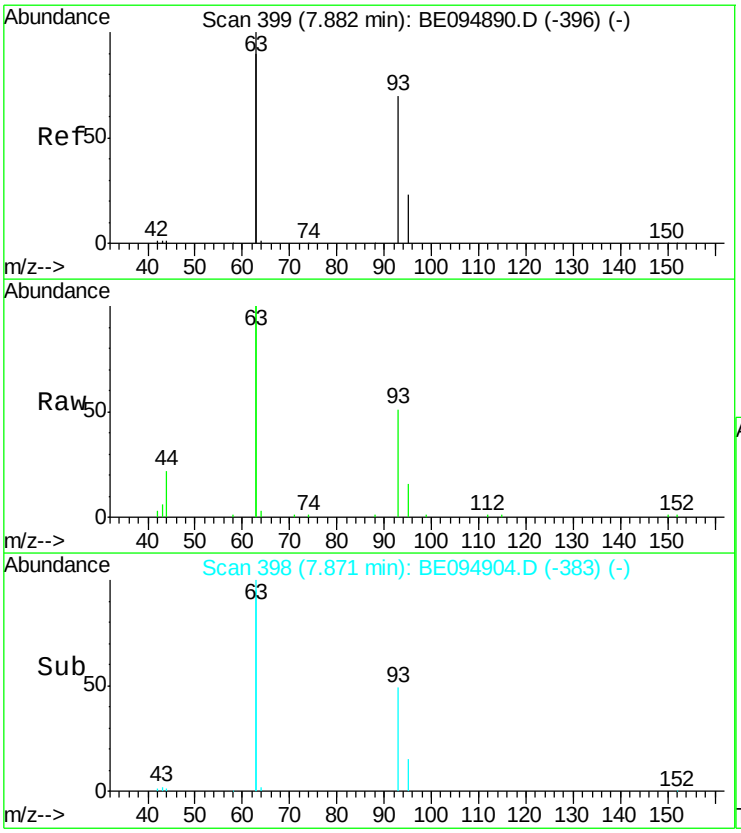
#5
Phenol-d6
Concen: 0.40 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6237

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.2	30.2
71	40.7	28.4	42.6

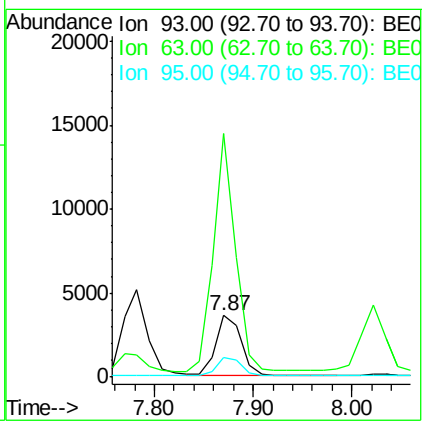


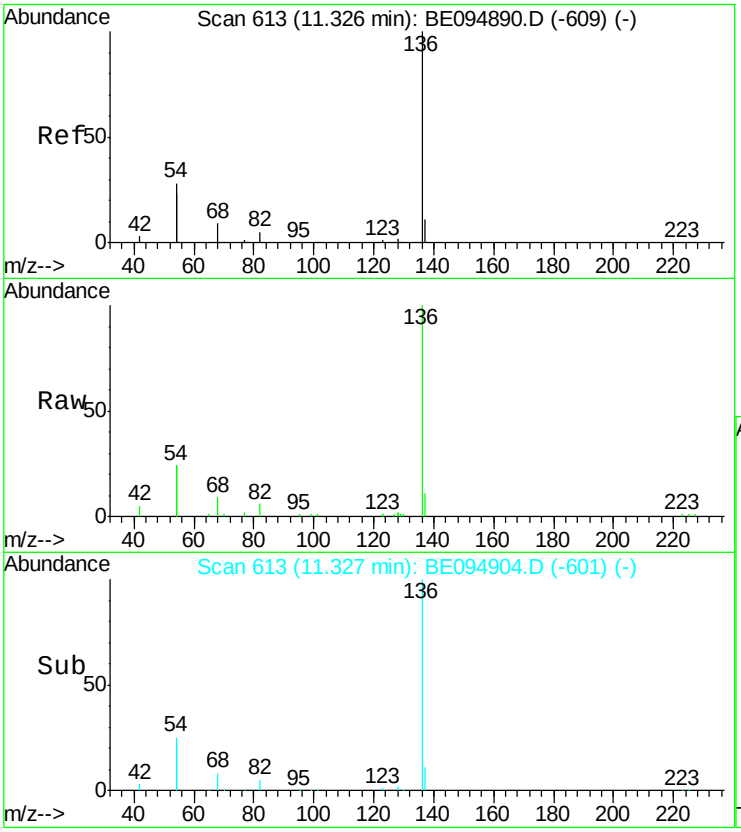


#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion: 93 Resp: 6436

Ion	Ratio	Lower	Upper
93	100		
63	343.1	275.3	412.9
95	31.2	25.2	37.8



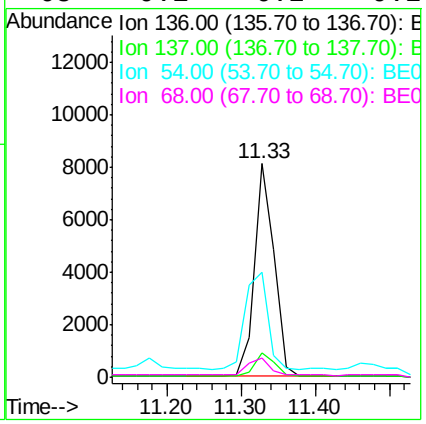


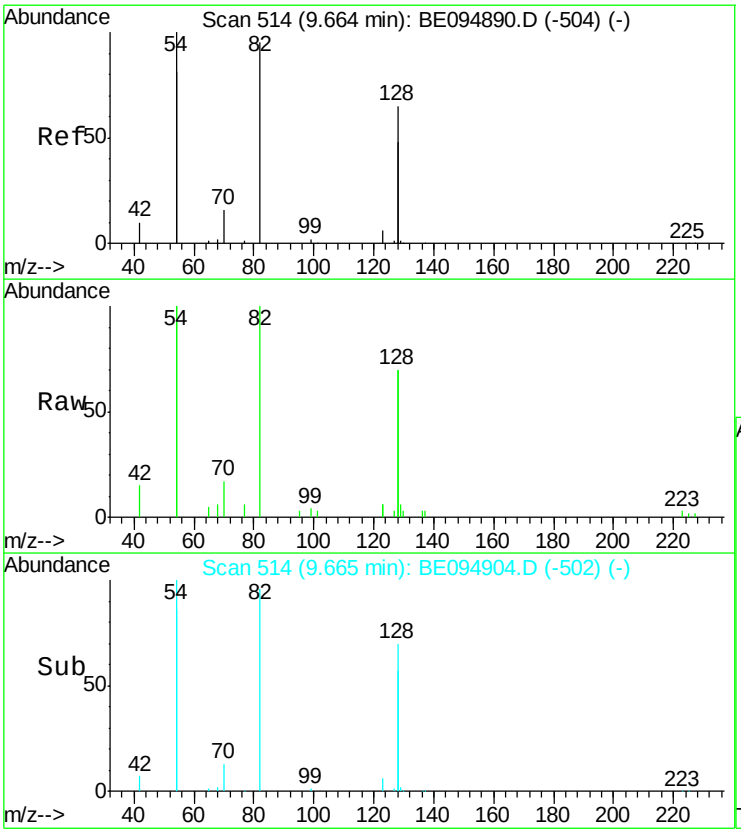
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14984

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	49.0	29.1	43.7#
68	9.1	6.2	9.2

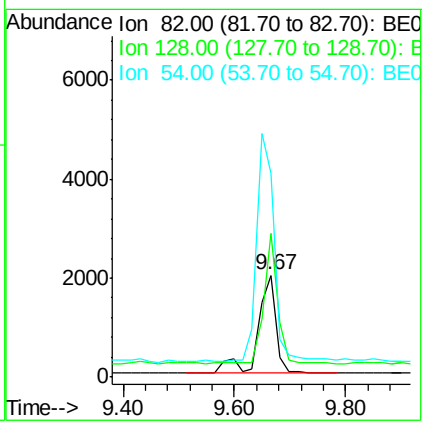


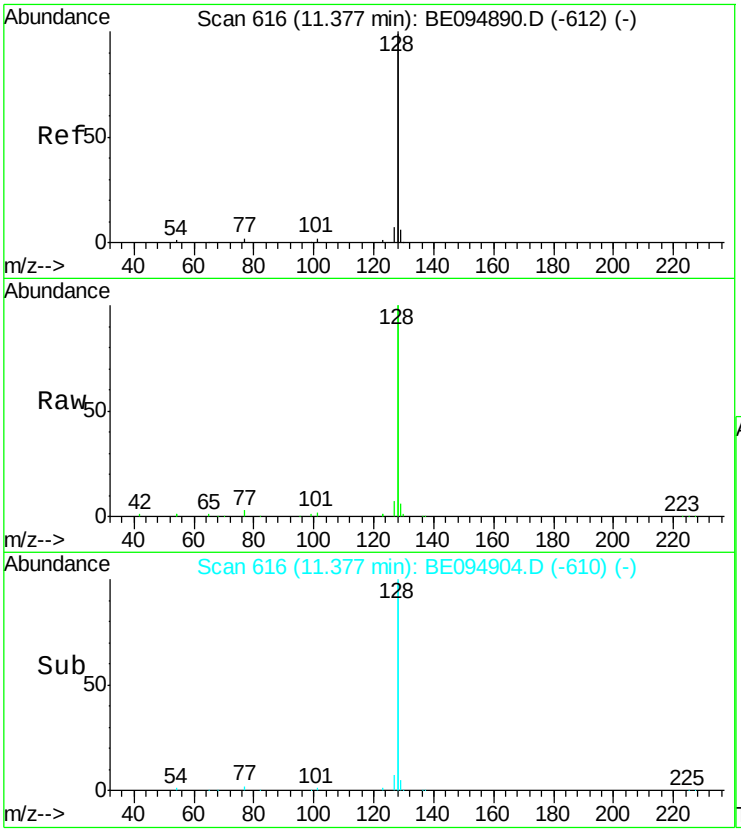


#8
Nitrobenzene-d5
Concen: 0.52 ng
RT: 9.67 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion: 82 Resp: 4590

Ion	Ratio	Lower	Upper
82	100		
128	140.7	150.0	225.0#
54	200.1	154.2	231.4



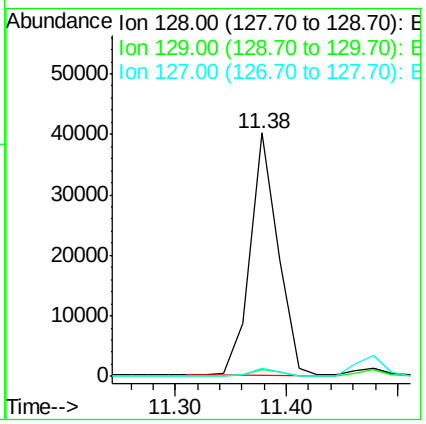


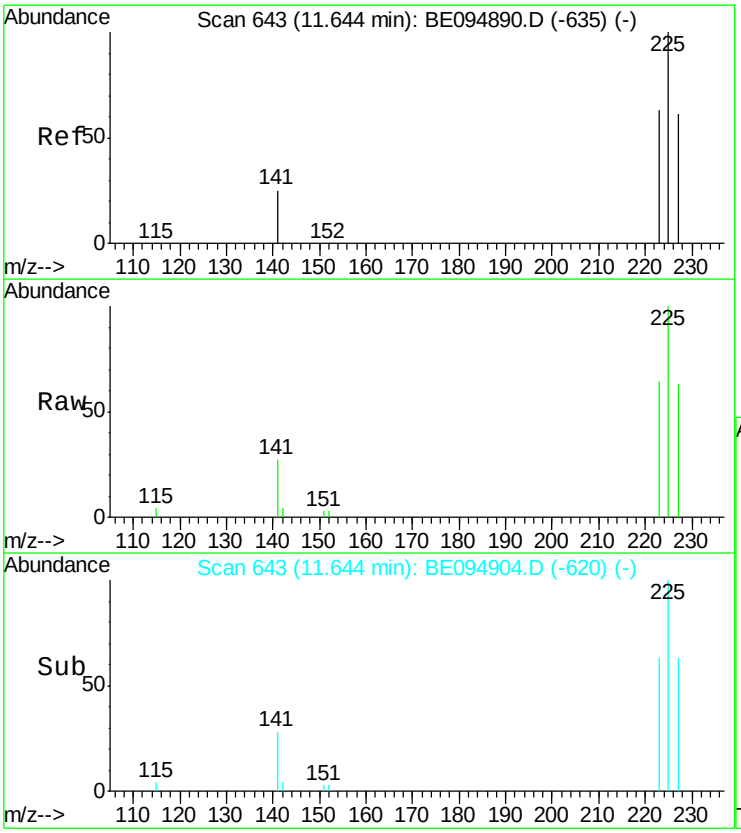
#9
Naphthalene
Concen: 0.40 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 69856

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

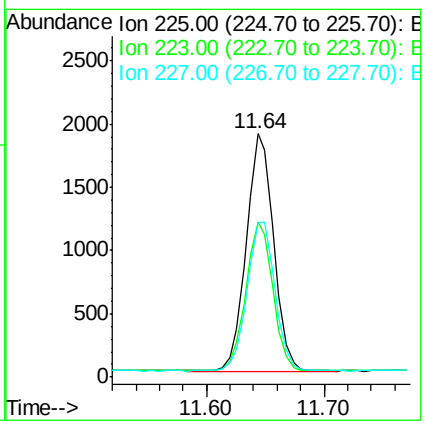


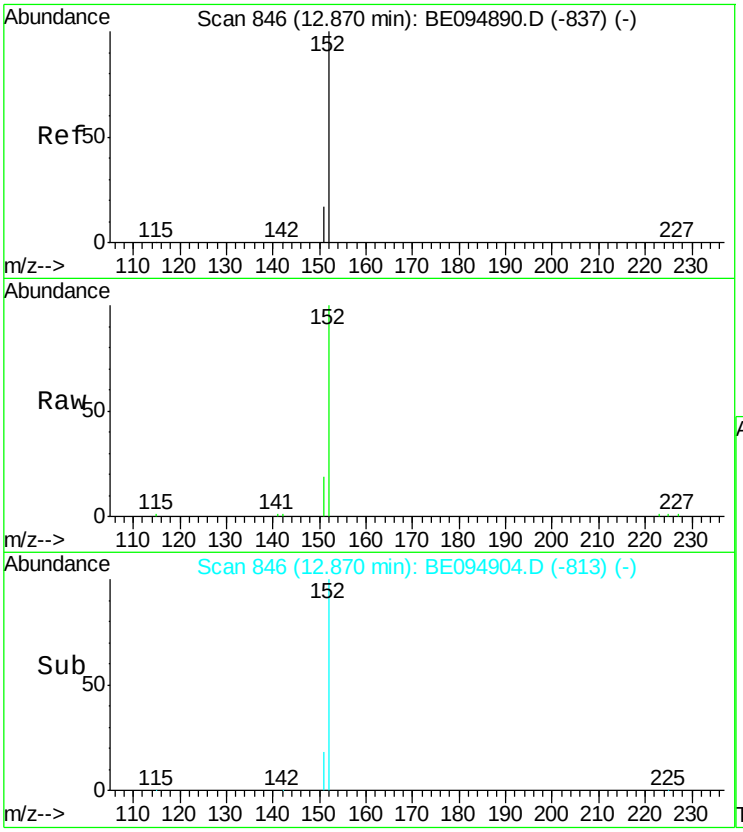


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:225 Resp: 3036

Ion	Ratio	Lower	Upper
225	100		
223	61.8	53.0	79.6
227	64.2	51.4	77.2



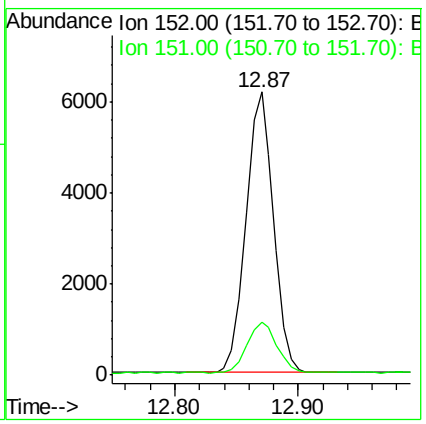


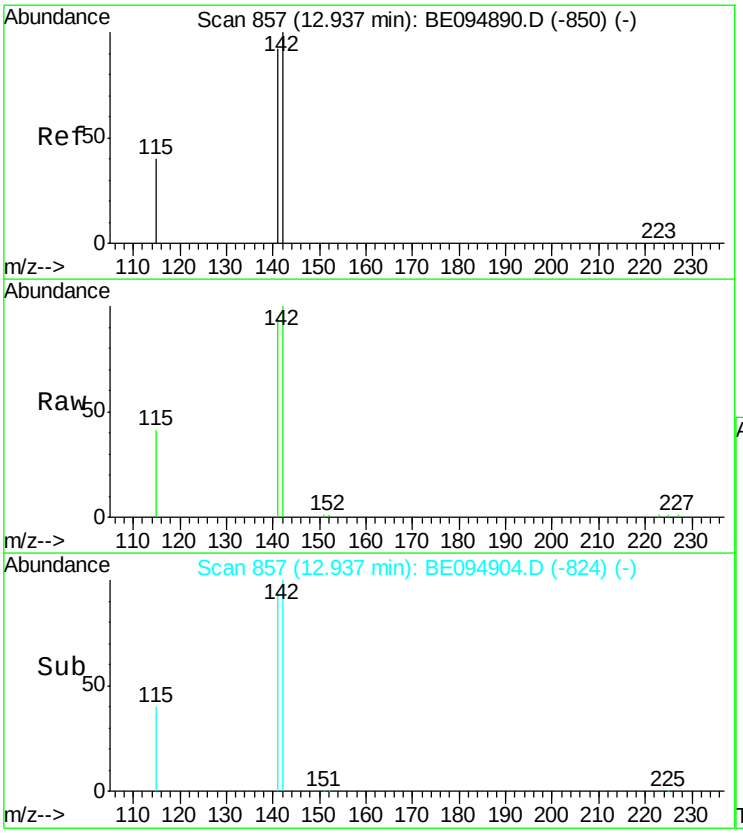
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.87 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9559

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

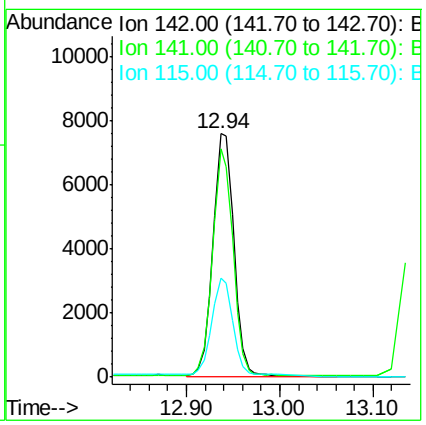


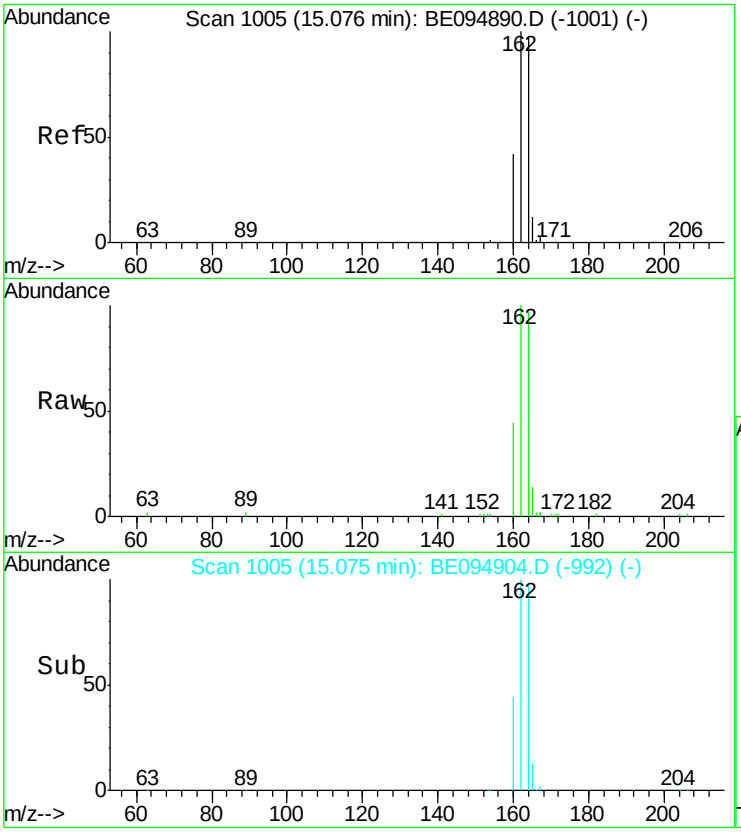


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.94 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:142 Resp: 17552

Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.4	105.6
115	40.8	31.7	47.5



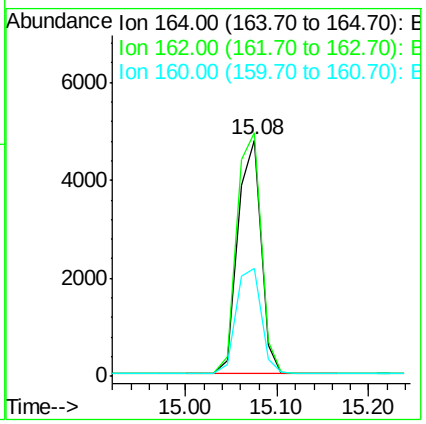


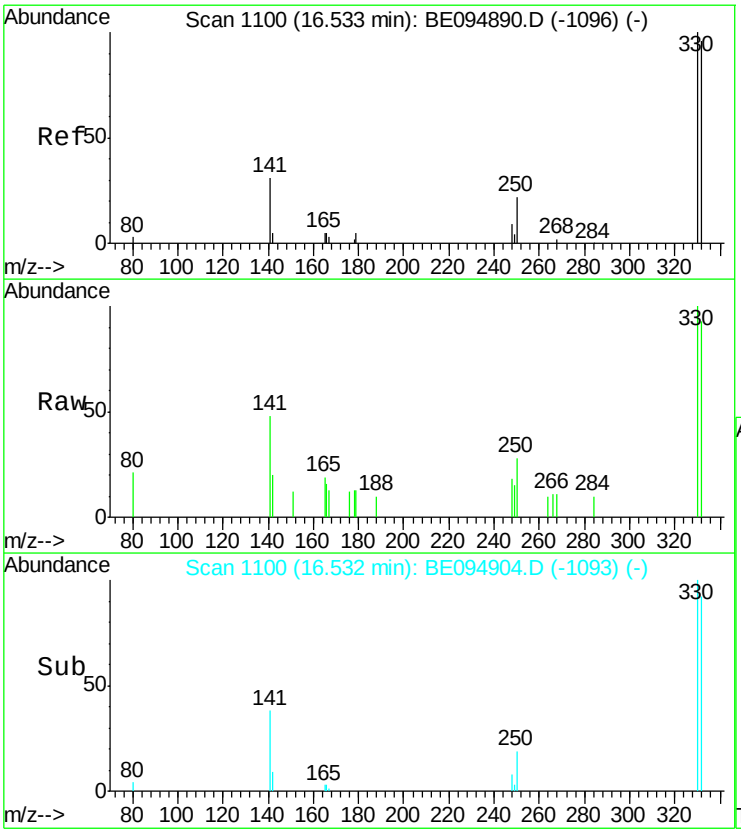
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8491

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	45.7	37.1	55.7

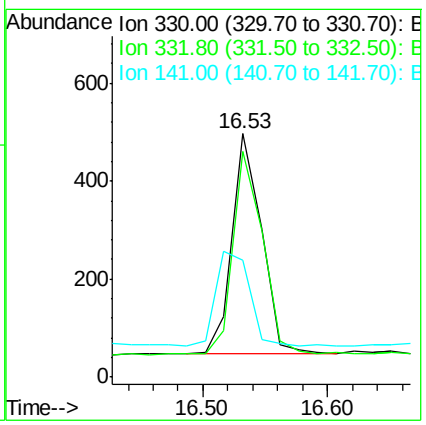


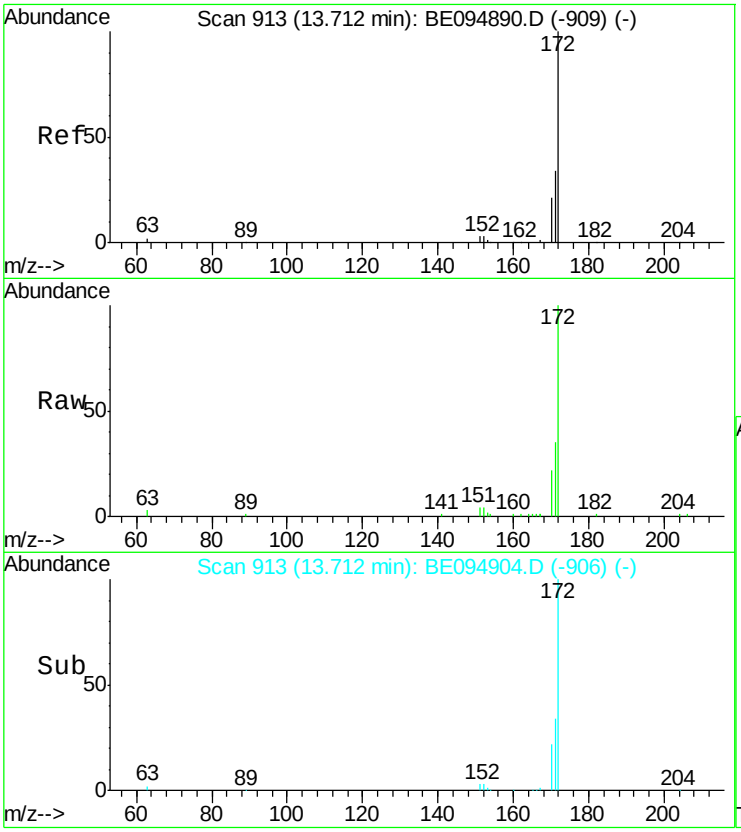


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:330 Resp: 734

Ion	Ratio	Lower	Upper
330	100		
332	93.5	152.7	229.1#
141	49.7	33.7	50.5



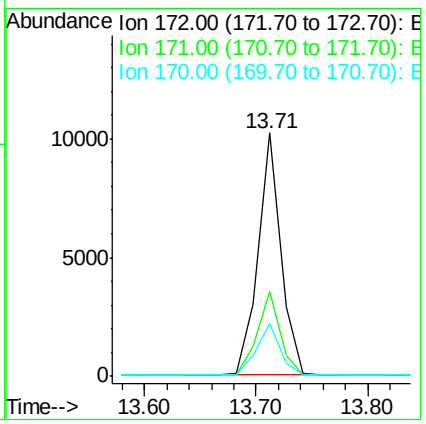


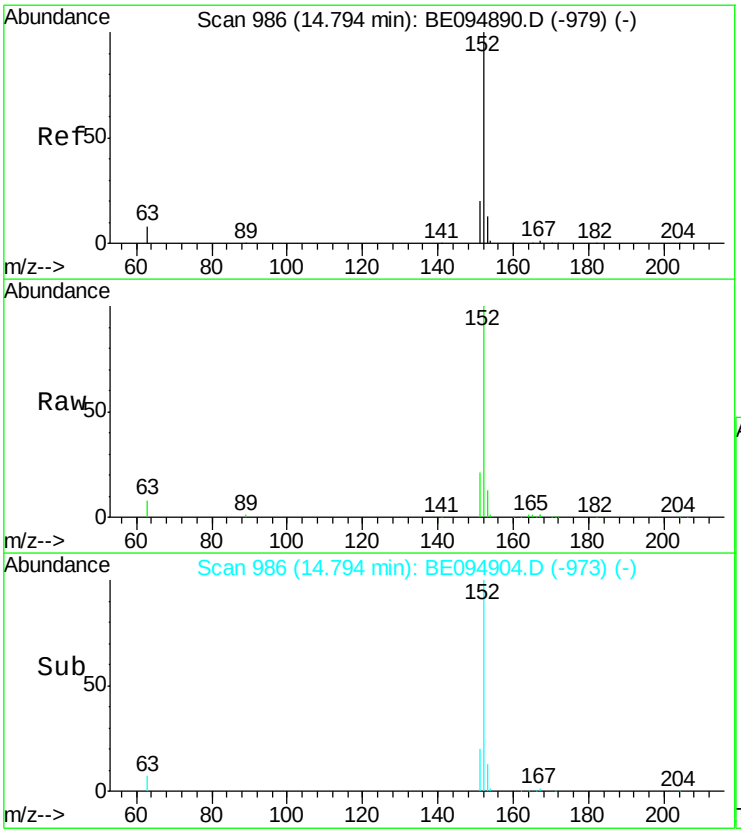
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14444

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	21.9	21.8	32.8

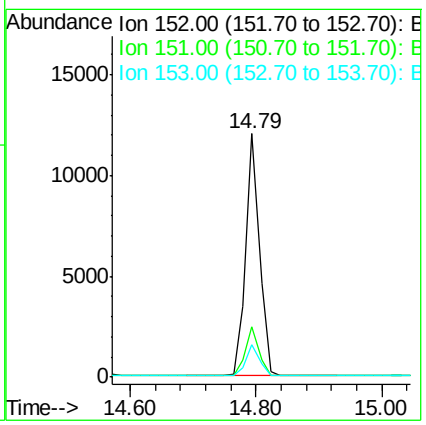


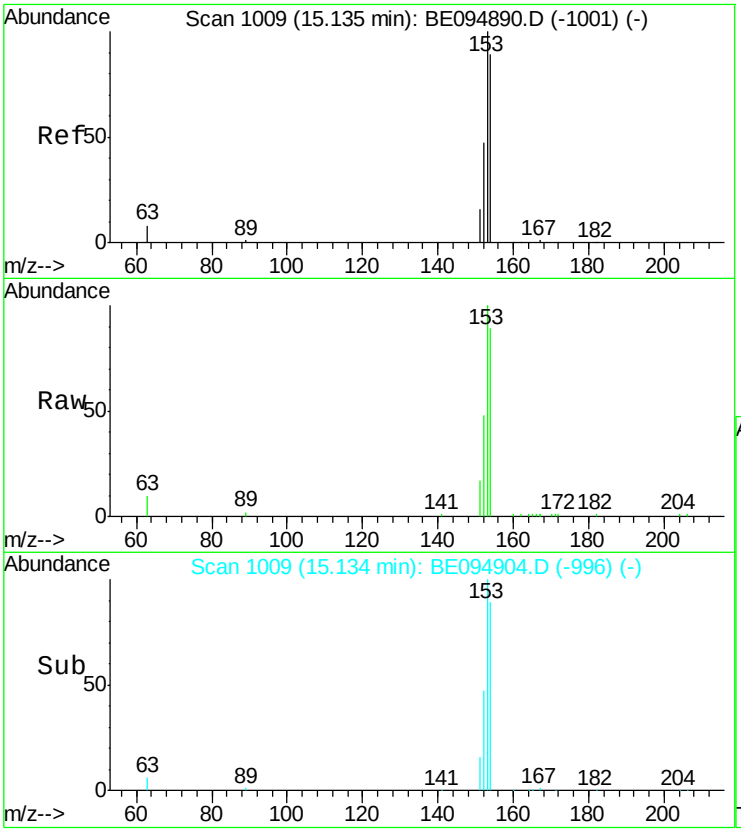


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:152 Resp: 18385

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7



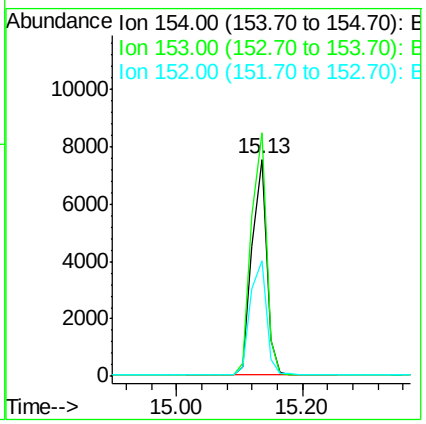


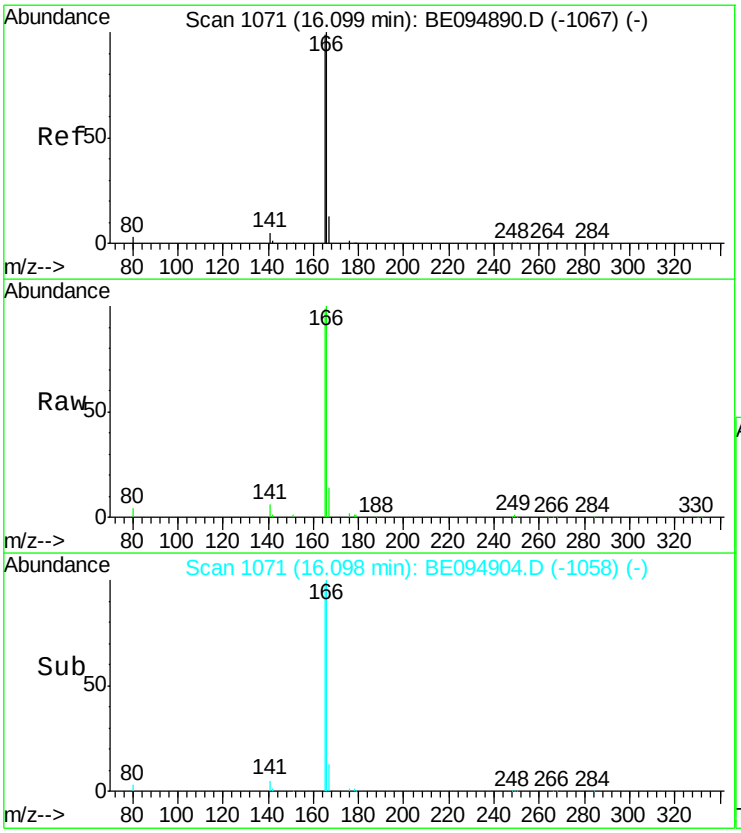
#17
Acenaphthene
Concen: 0.39 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12126

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.2	133.8
152	57.3	42.0	63.0

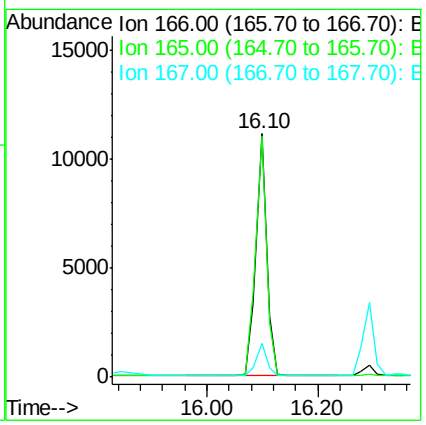


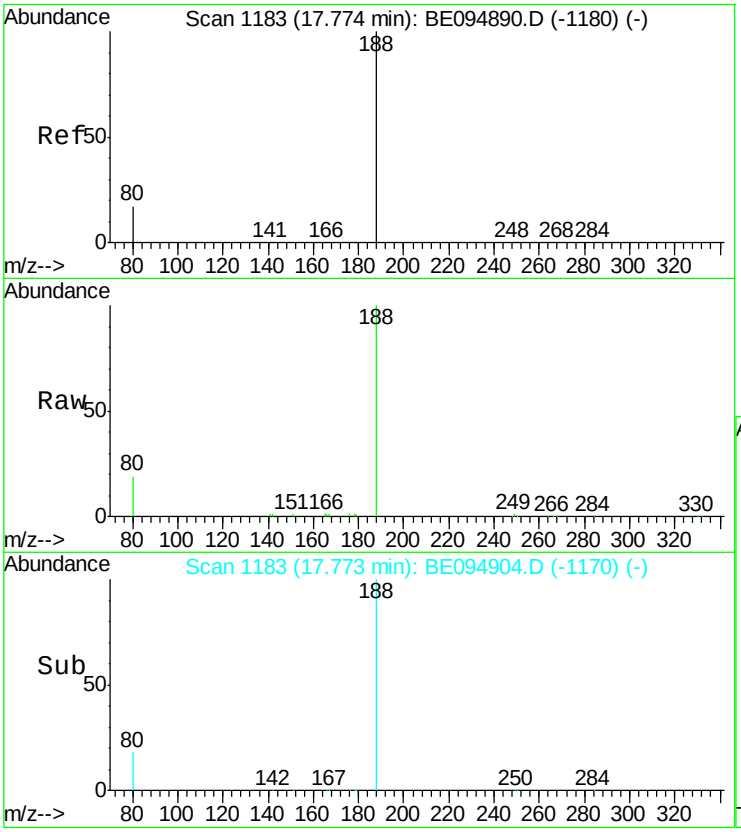


#18
Fluorene
Concen: 0.40 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:166 Resp: 15619

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.6
167	13.3	42.4	63.6#



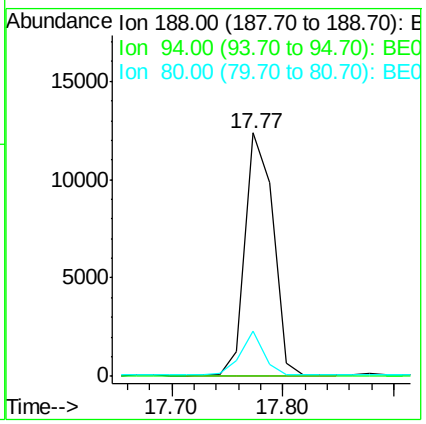


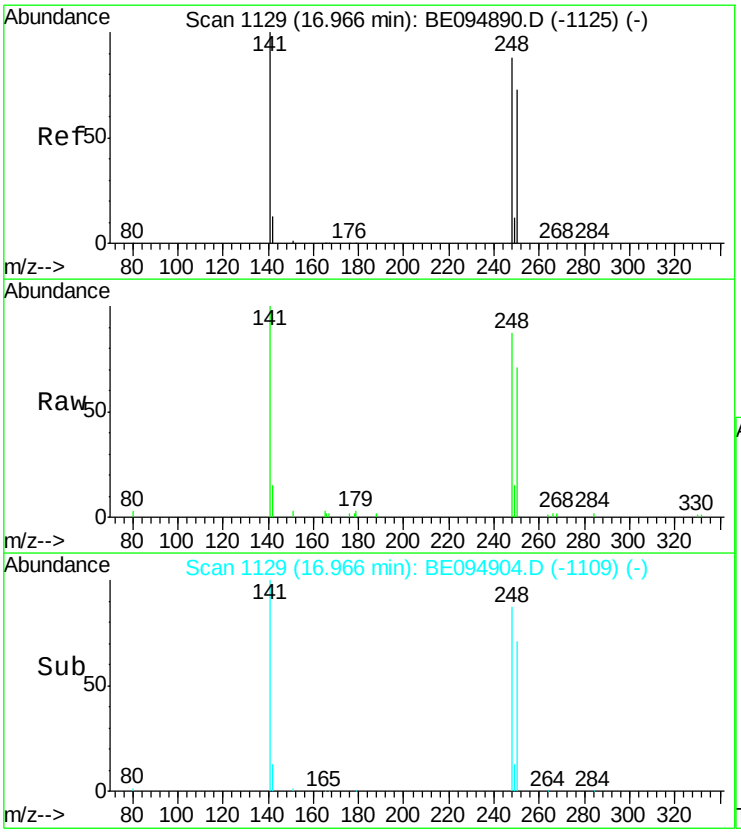
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 21501

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	18.8	3.6	5.4#

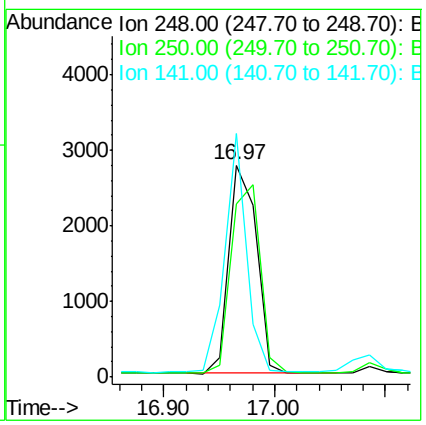


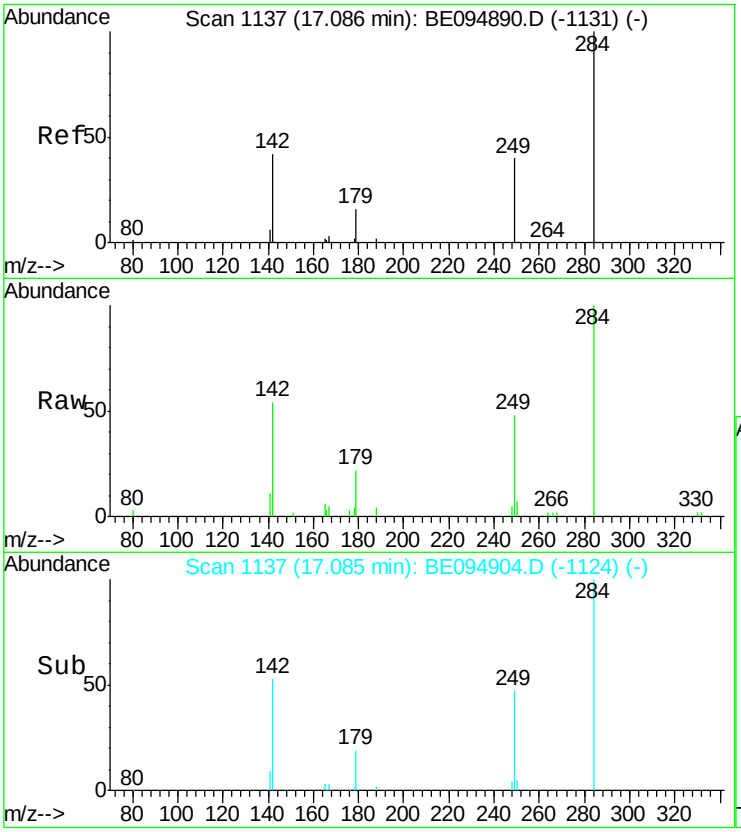


#20
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:248 Resp: 4758

Ion	Ratio	Lower	Upper
248	100		
250	81.9	62.7	94.1
141	115.1	48.2	72.2#



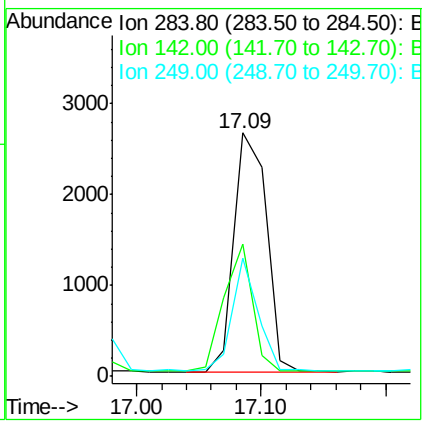


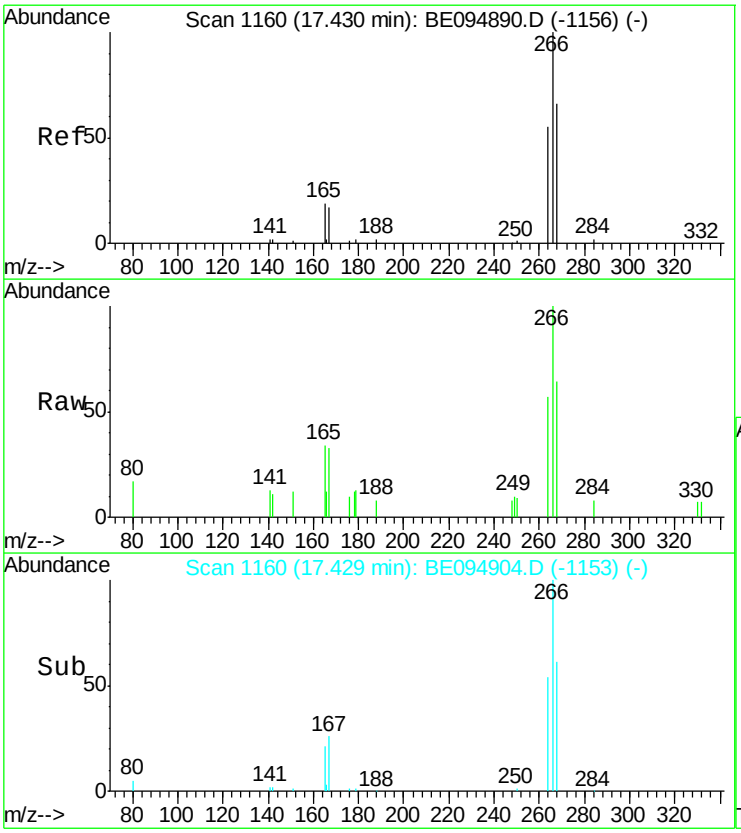
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4704

Ion	Ratio	Lower	Upper
284	100		
142	46.6	22.1	33.1#
249	37.2	34.8	52.2

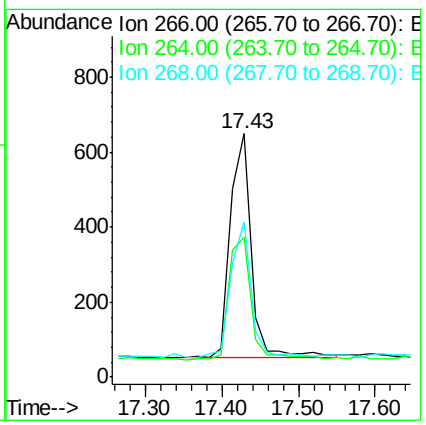


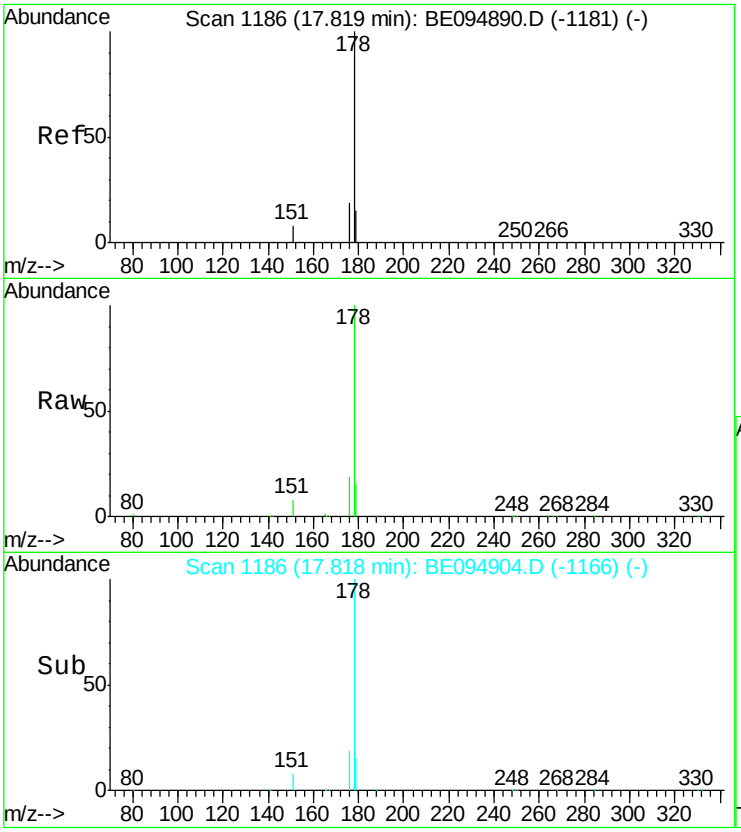


#22
Pentachlorophenol
Concen: 0.43 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:266 Resp: 1140

Ion	Ratio	Lower	Upper
266	100		
264	57.5	72.5	108.7#
268	63.9	73.8	110.6#



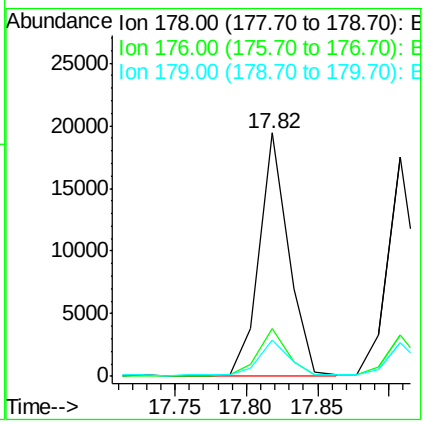


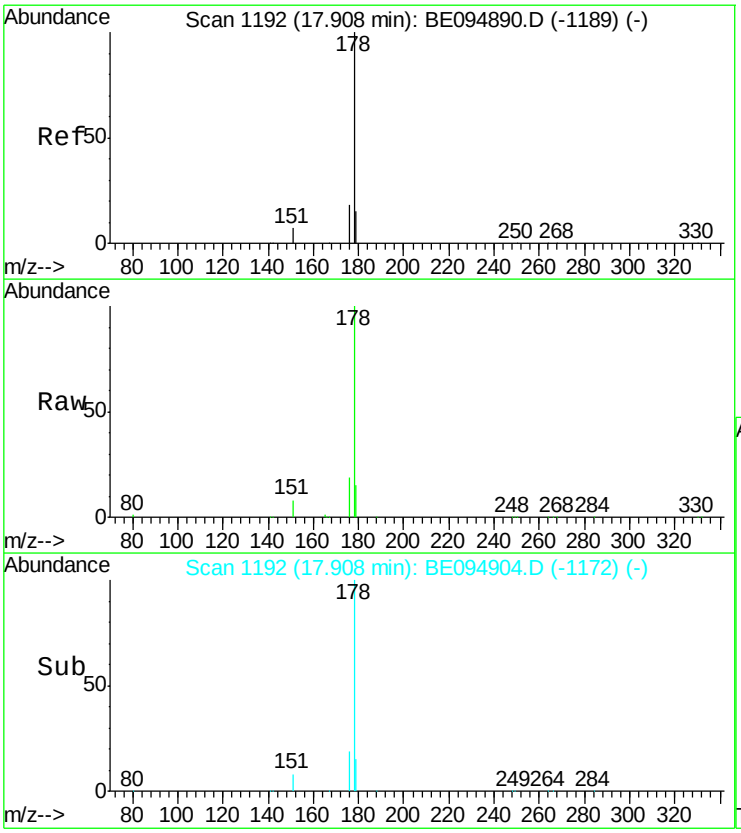
#23
Phenanthrene
Concen: 0.40 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 27330

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	11.8	17.6

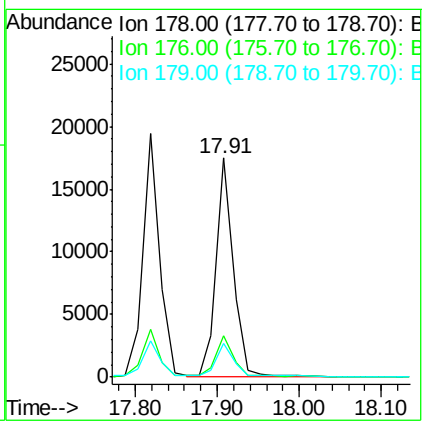


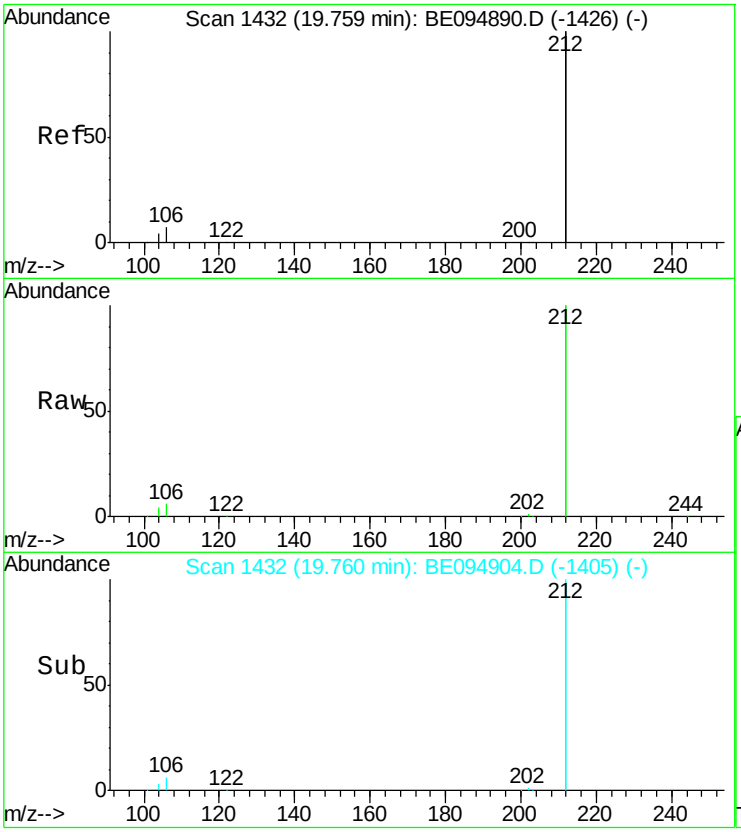


#24
Anthracene
Concen: 0.39 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:178 Resp: 28077

Ion	Ratio	Lower	Upper
178	100		
176	20.8	12.8	19.2#
179	17.4	13.0	19.6



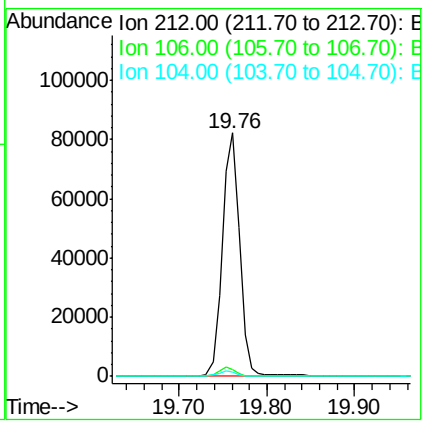


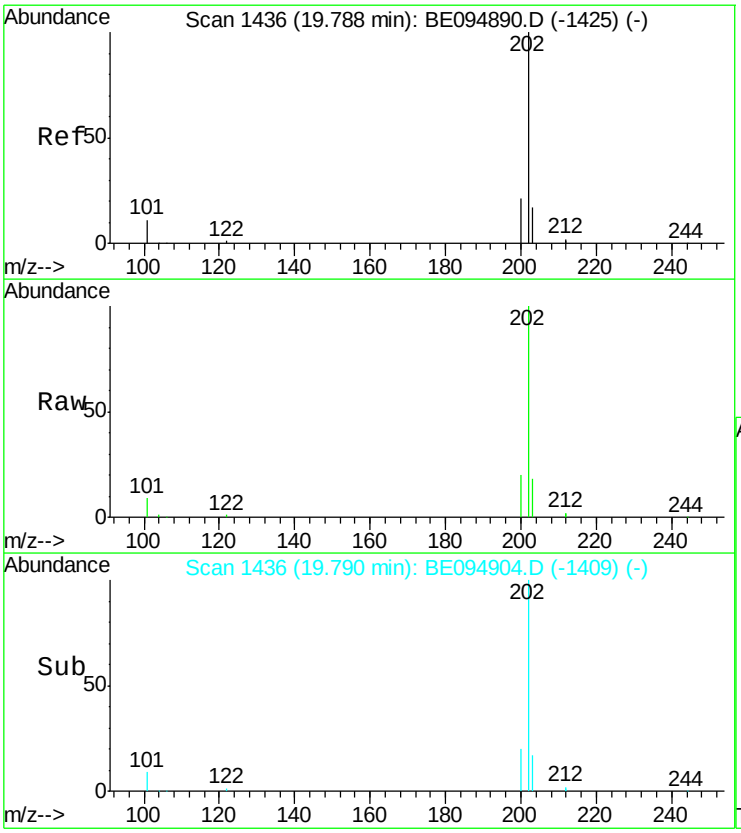
#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 112054

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

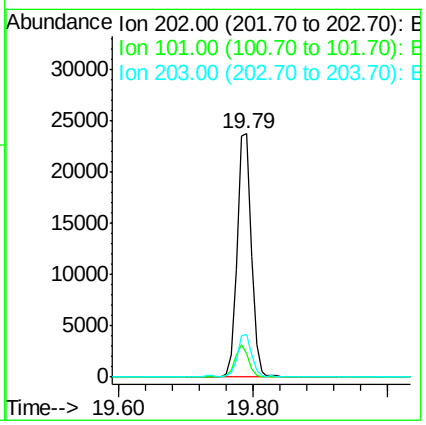


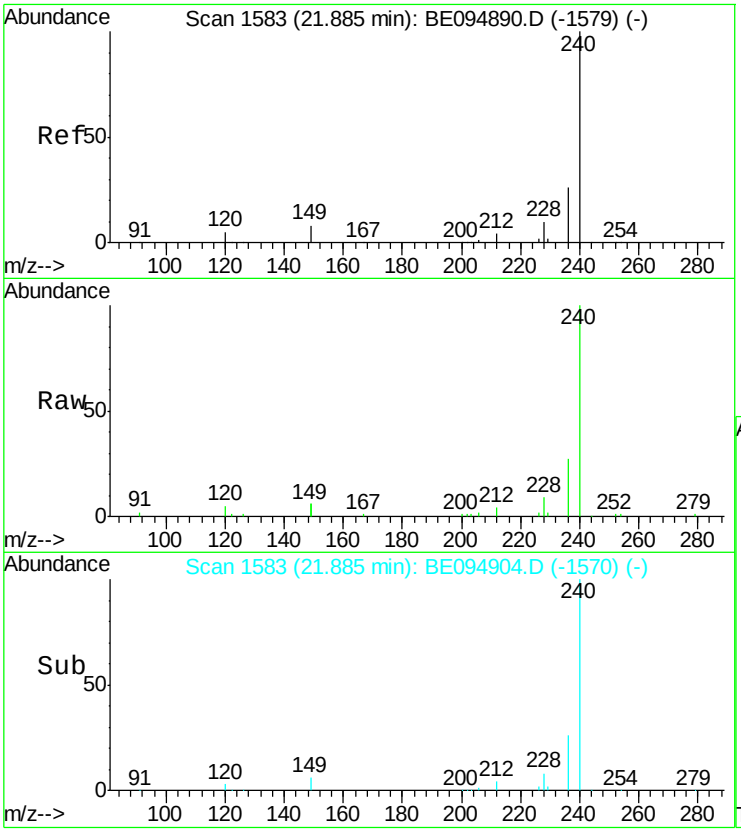


#26
Fluoranthene
Concen: 0.38 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:202 Resp: 33811

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	17.0	13.7	20.5



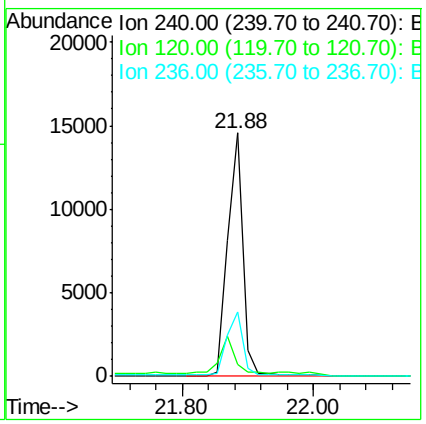


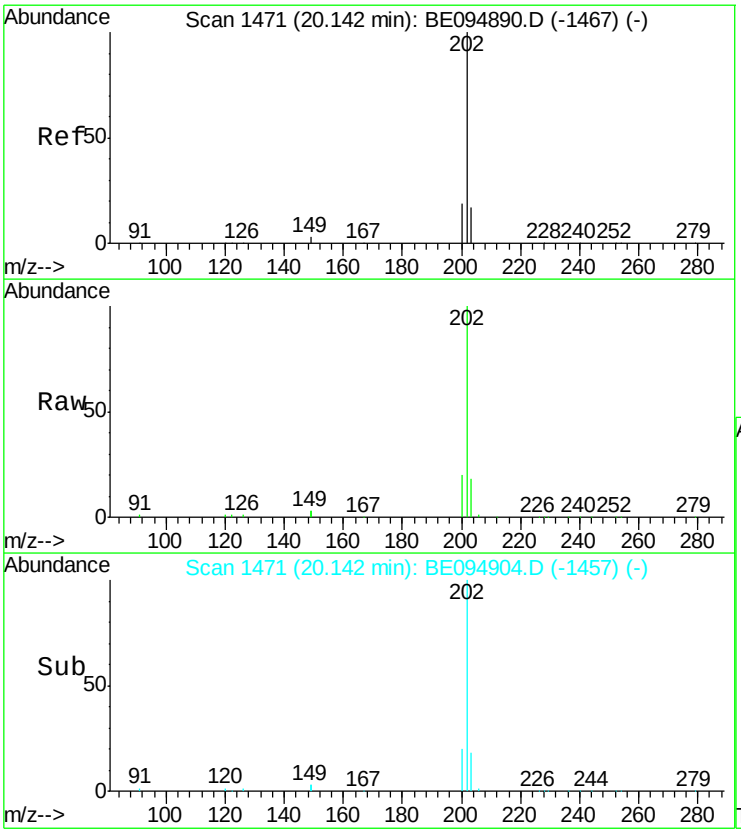
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 24695

Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.5	8.3#
236	26.5	20.7	31.1

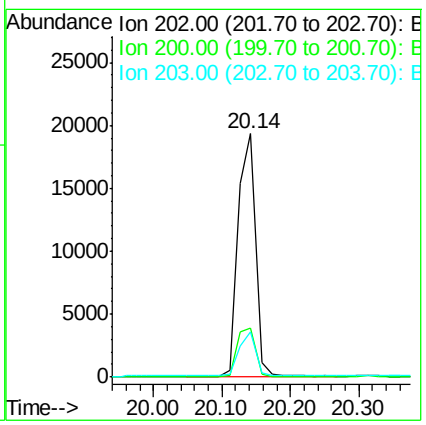


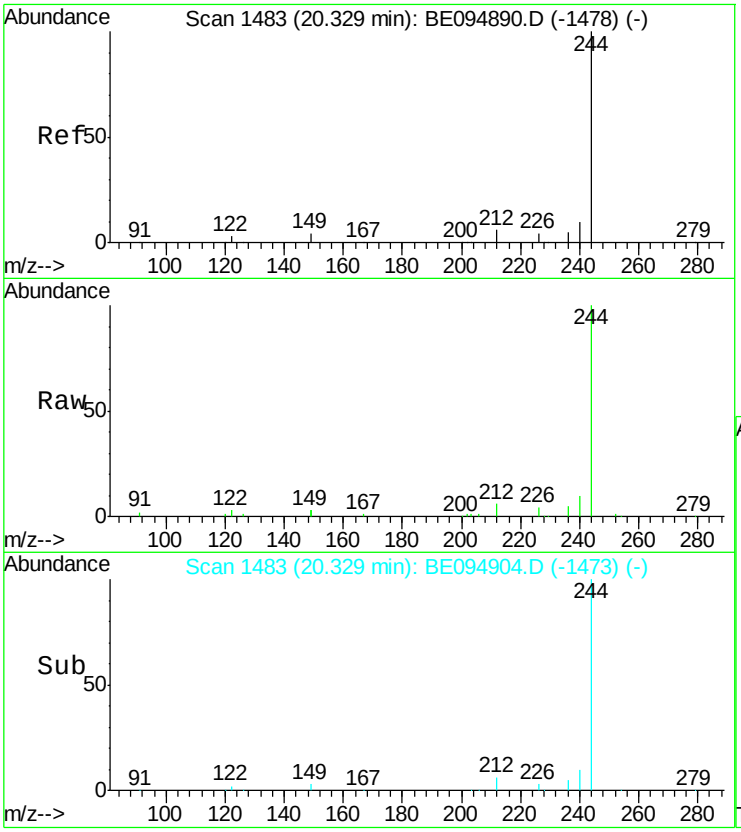


#28
Pyrene
Concen: 0.40 ng
RT: 20.14 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:202 Resp: 34093

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	13.8	20.8



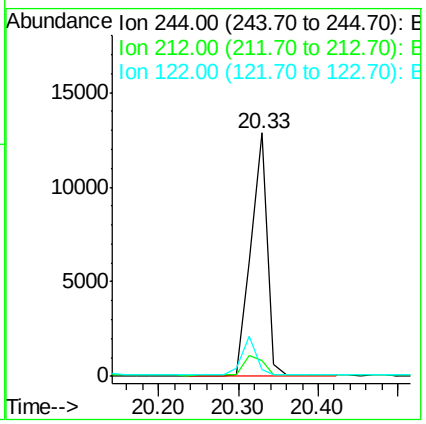


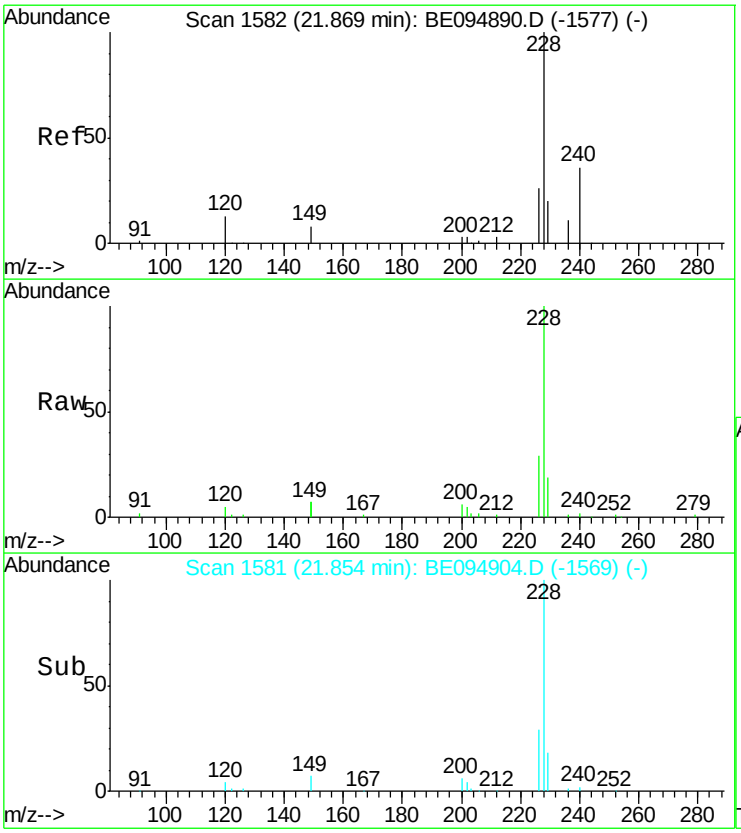
#29
Terphenyl-d14
Concen: 0.40 ng
RT: 20.33 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18314

Ion	Ratio	Lower	Upper
244	100		
212	6.2	25.4	38.0#
122	2.8	8.1	12.1#

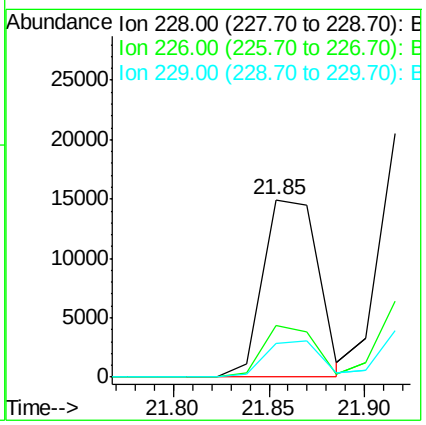


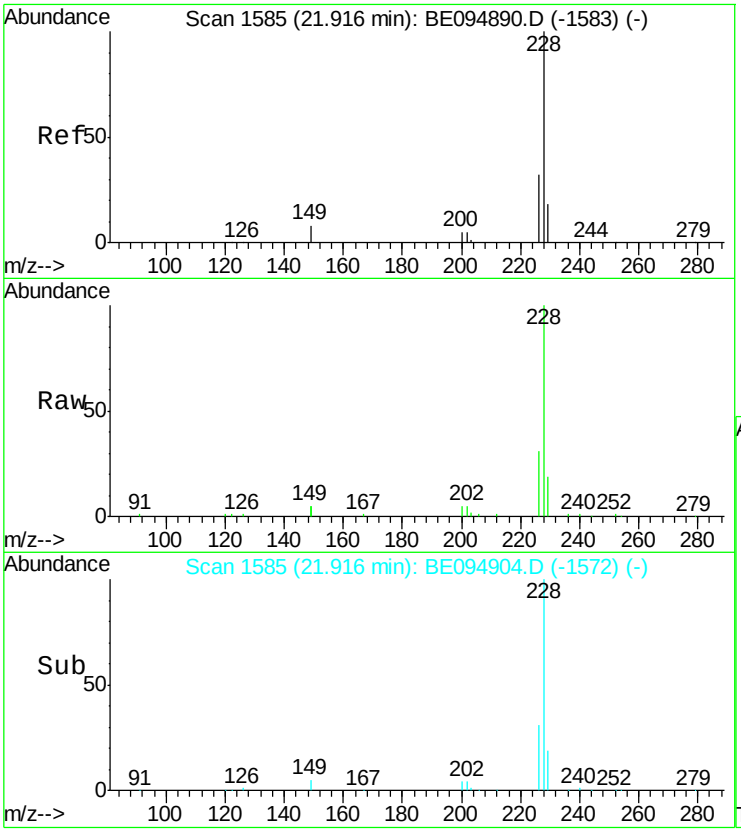


#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:228 Resp: 29433

Ion	Ratio	Lower	Upper
228	100		
226	29.3	40.0	60.0#
229	18.7	40.0	60.0#



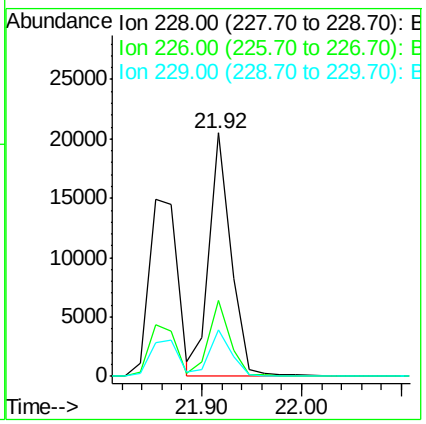


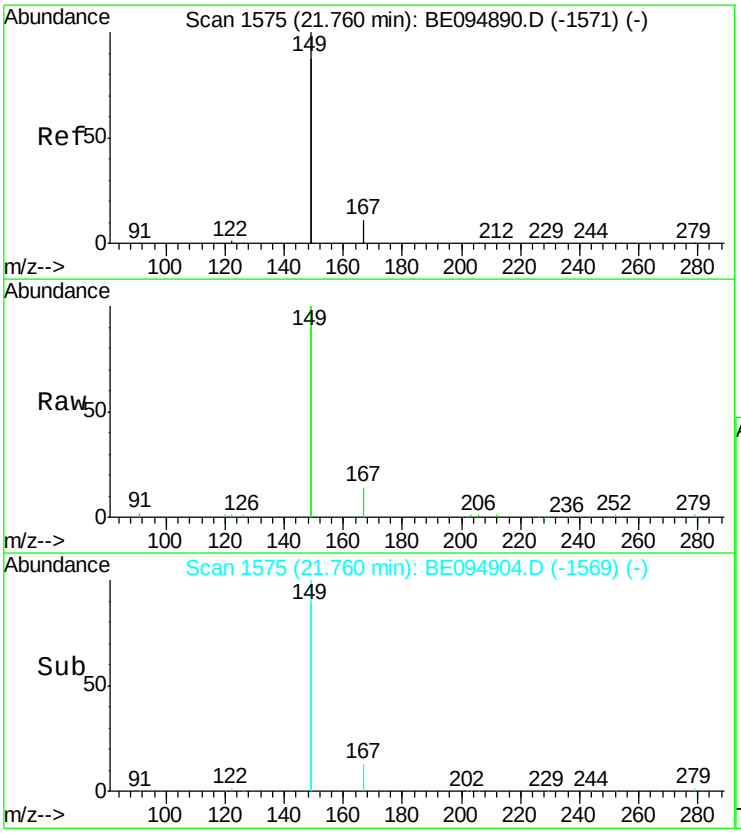
#31
Chrysene
Concen: 0.39 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 32966

Ion	Ratio	Lower	Upper
228	100		
226	31.1	40.0	60.0#
229	19.2	40.0	60.0#

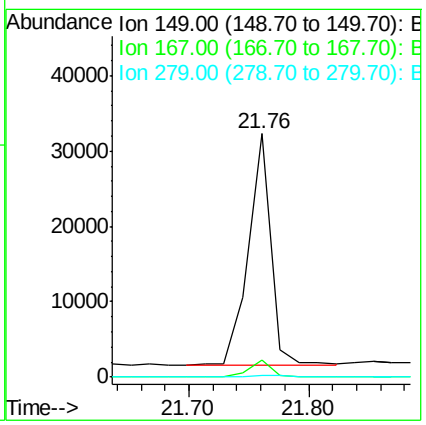


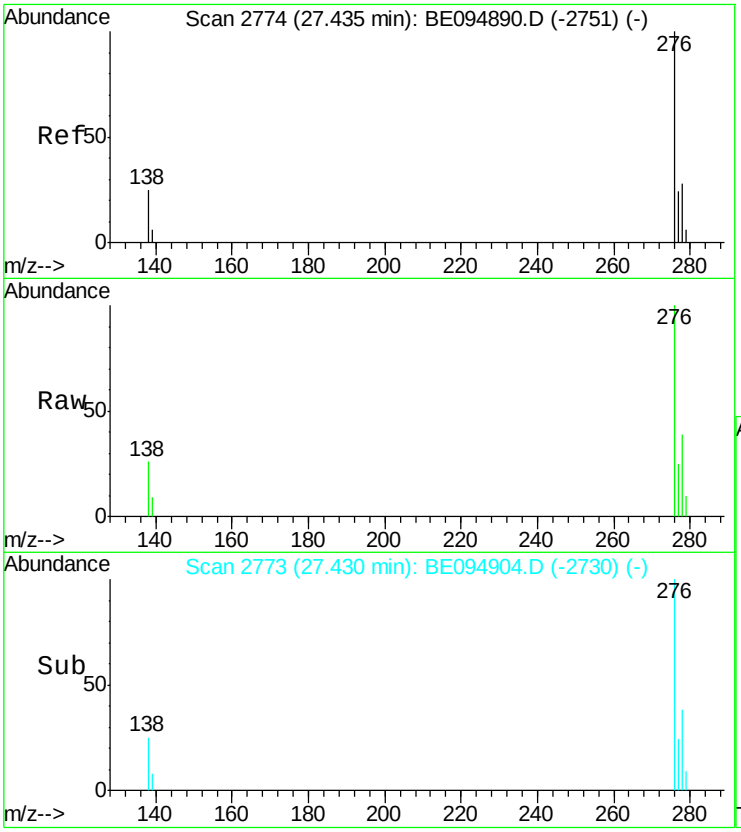


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.76 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:149 Resp: 39854

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.7	0.7	1.1



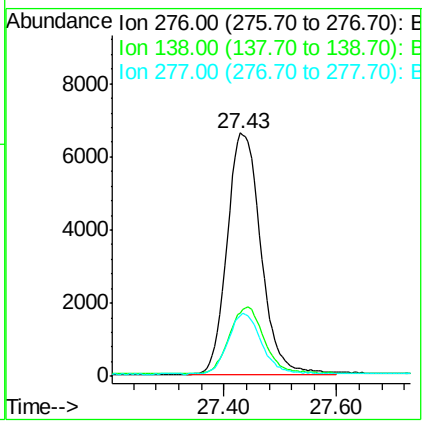


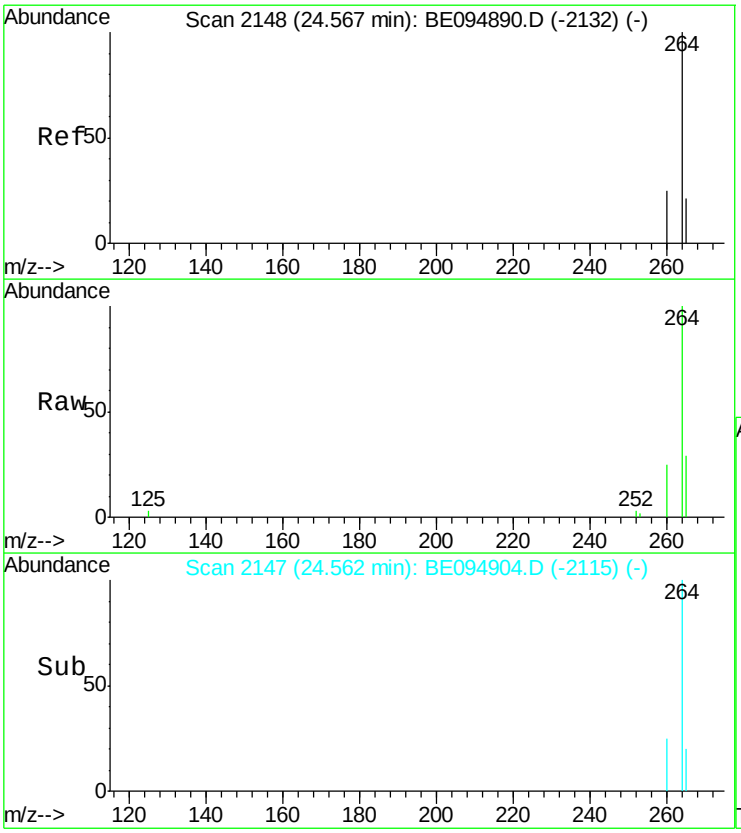
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 27.43 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26720

Ion	Ratio	Lower	Upper
276	100		
138	28.8	22.5	33.7
277	24.7	19.9	29.9

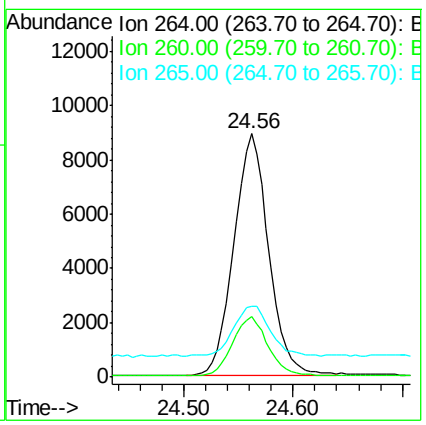


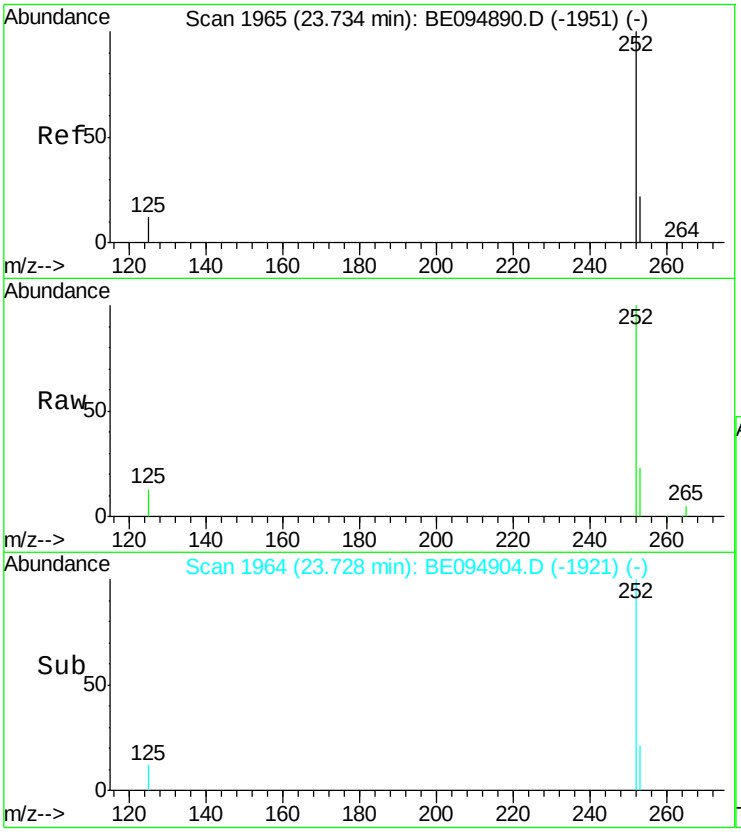


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.56 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:264 Resp: 19714

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	28.9	22.8	34.2



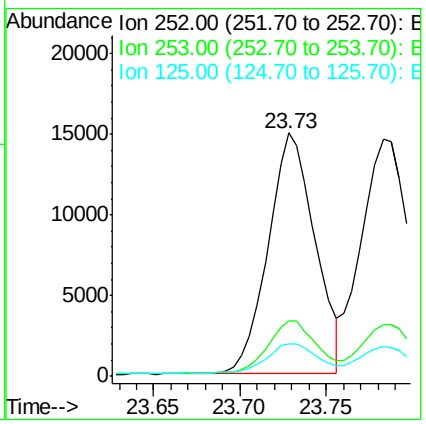


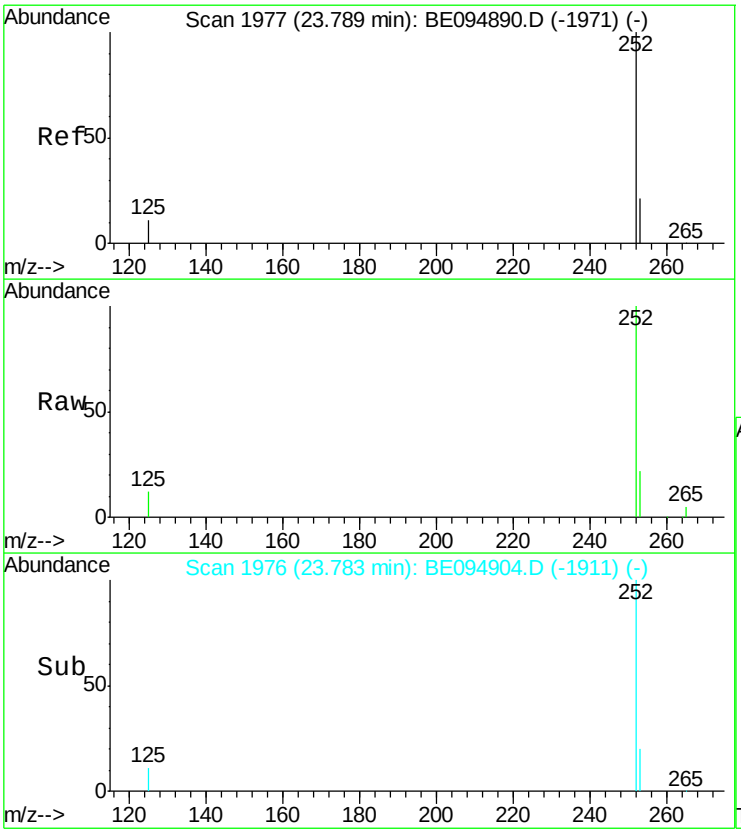
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 28256

Ion	Ratio	Lower	Upper
252	100		
253	22.6	48.0	72.0#
125	13.1	56.0	84.0#

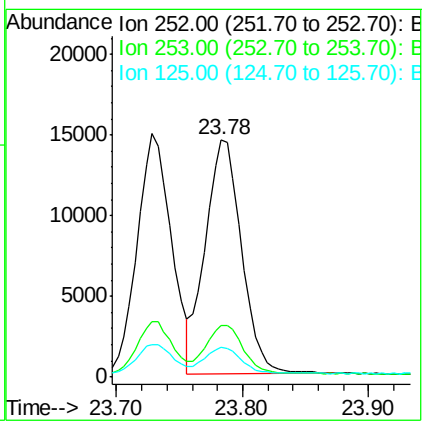


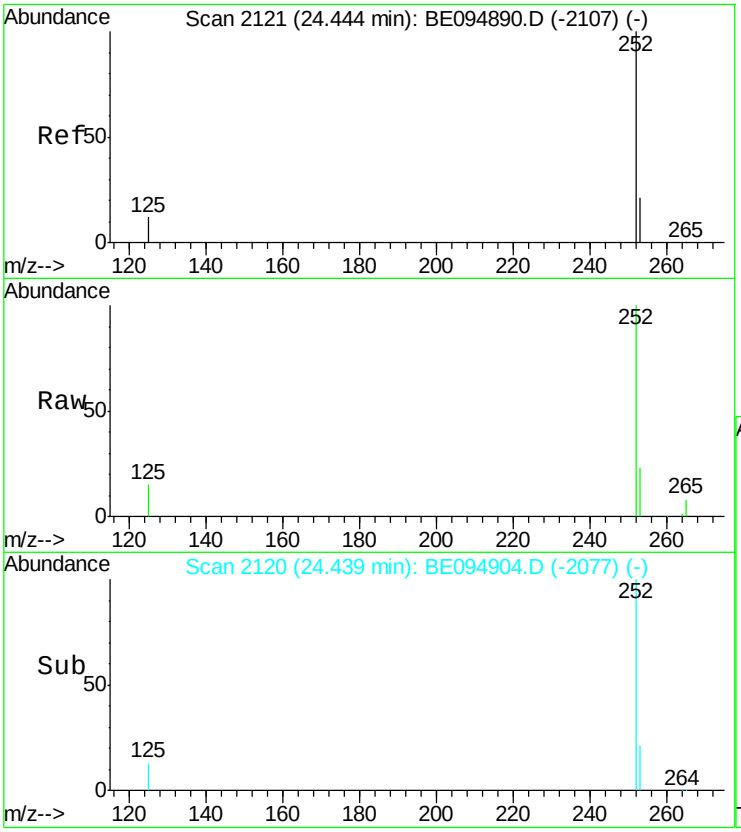


#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:252 Resp: 28945

Ion	Ratio	Lower	Upper
252	100		
253	21.7	48.0	72.0#
125	12.4	56.0	84.0#



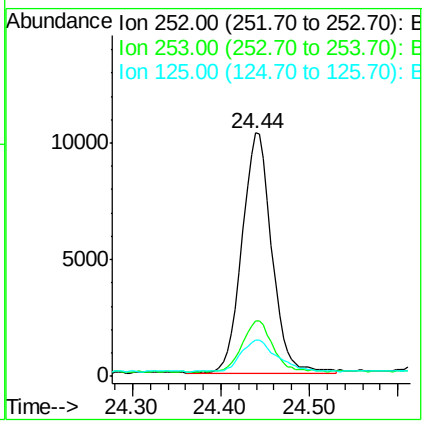


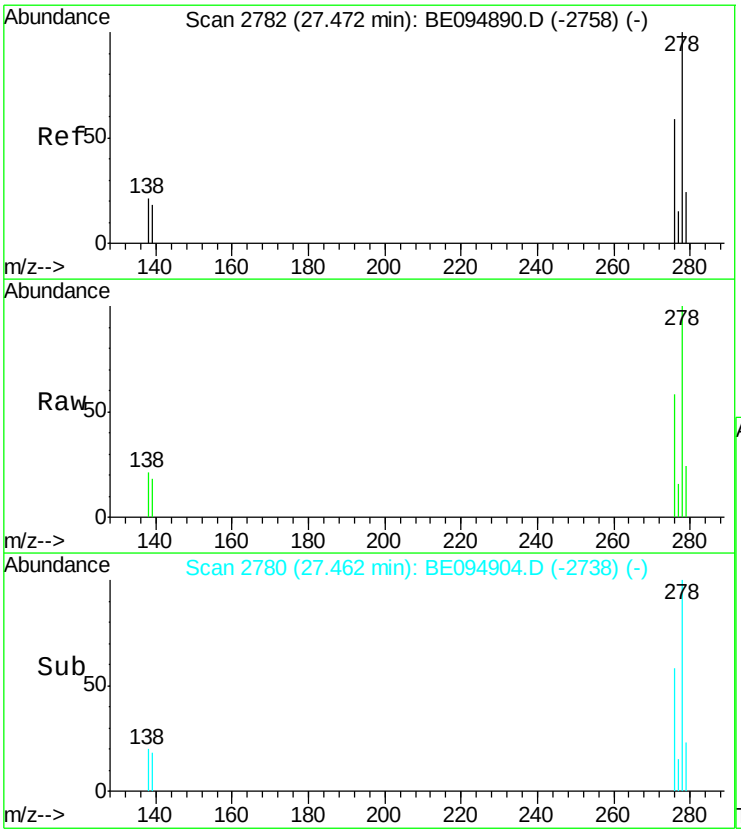
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 24124

Ion	Ratio	Lower	Upper
252	100		
253	22.8	52.0	78.0#
125	15.1	68.0	102.0#

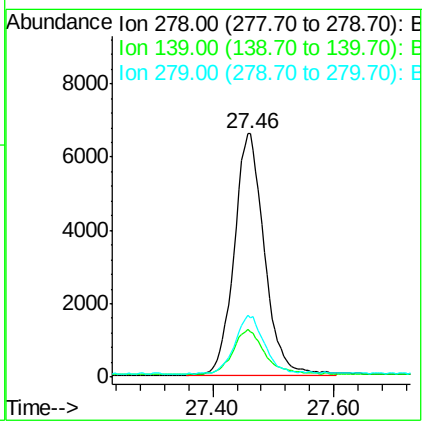


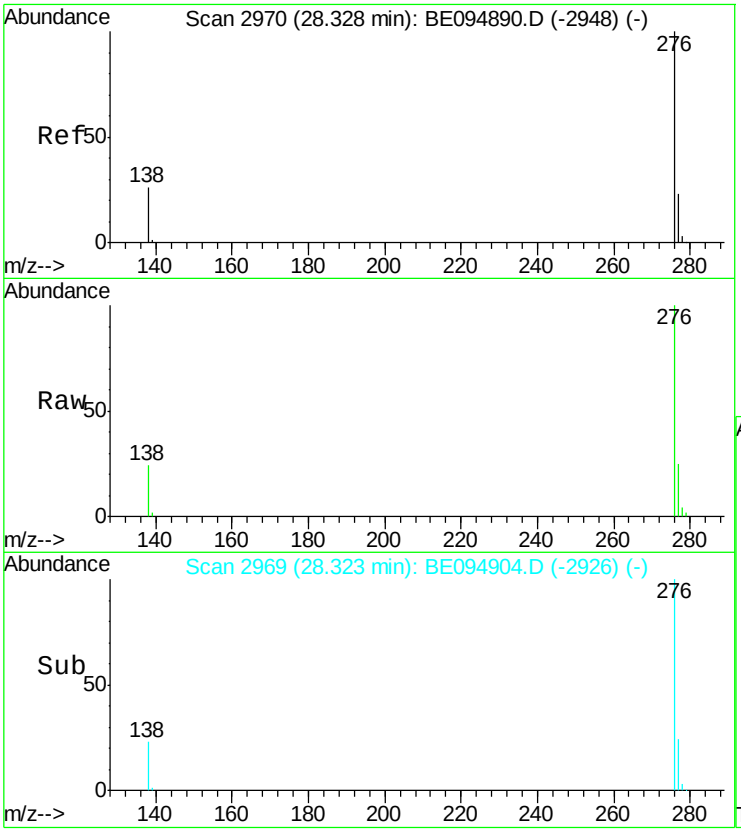


#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:278 Resp: 22671

Ion	Ratio	Lower	Upper
278	100		
139	18.5	56.0	84.0#
279	24.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 28.32 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22326

Ion	Ratio	Lower	Upper
276	100		
277	25.3	52.0	78.0#
138	23.9	44.0	66.0#