Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099103.D
Acq On : 23 Mar 2019 9:30
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 23 22:34:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3498	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	15416	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	12104	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	34160	0.40	ng		0.00
27) Chrysene-d12	21.38	240	37145	0.40	ng		-0.01
34) Perylene-d12	23.90	264	37078	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4860	0.47	ng		0.00
5) Phenol-d6	6.99	99	7308	0.49	ng		0.00
8) Nitrobenzene-d5	8.99	82	4867	0.72	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	12700	0.46	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	2278	0.64	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	20938	0.43	ng		-0.02
25) Fluoranthene-d10	19.24	212	169846	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	36999	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2681	0.494	ng		90
3) n-Nitrosodimethylamine	3.67	42	1032	0.369	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	5757	0.472	ng	#	85
9) Naphthalene	10.68	128	80058	0.441	ng		99
10) Hexachlorobutadiene	10.96	225	4037	0.454	ng		97
12) 2-Methylnaphthalene	12.30	142	14420	0.463	ng		95
16) Acenaphthylene	14.20	152	26169	0.405	ng		97
17) Acenaphthene	14.54	154	16338	0.426	ng		99
18) Fluorene	15.51	166	23716	0.424	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	8642	0.457	ng	#	67
21) Hexachlorobenzene	16.52	284	8277	0.471	ng		94
22) Pentachlorophenol	16.87	266	2515	0.601	ng	#	77
23) Phenanthrene	17.25	178	43506	0.429	ng		99
24) Anthracene	17.35	178	38845	0.405	ng		100
26) Fluoranthene	19.27	202	52989	0.371	ng		99
28) Pyrene	19.63	202	53644	0.426	ng		98
30) Benzo(a)anthracene	21.37	228	52897	0.404	ng		98
31) Chrysene	21.43	228	56013	0.428	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	59845	0.352	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	58694	0.418	ng		99
35) Benzo(b)fluoranthene	23.12	252	53295	0.416	ng		97
36) Benzo(k)fluoranthene	23.17	252	51618	0.411	ng		96
37) Benzo(a)pyrene	23.78	252	48042	0.405	ng	#	95
38) Dibenzo(a,h)anthracene	26.58	278	47940	0.416	ng		95
39) Benzo(g,h,i)perylene	27.37	276	49485	0.418	ng		97

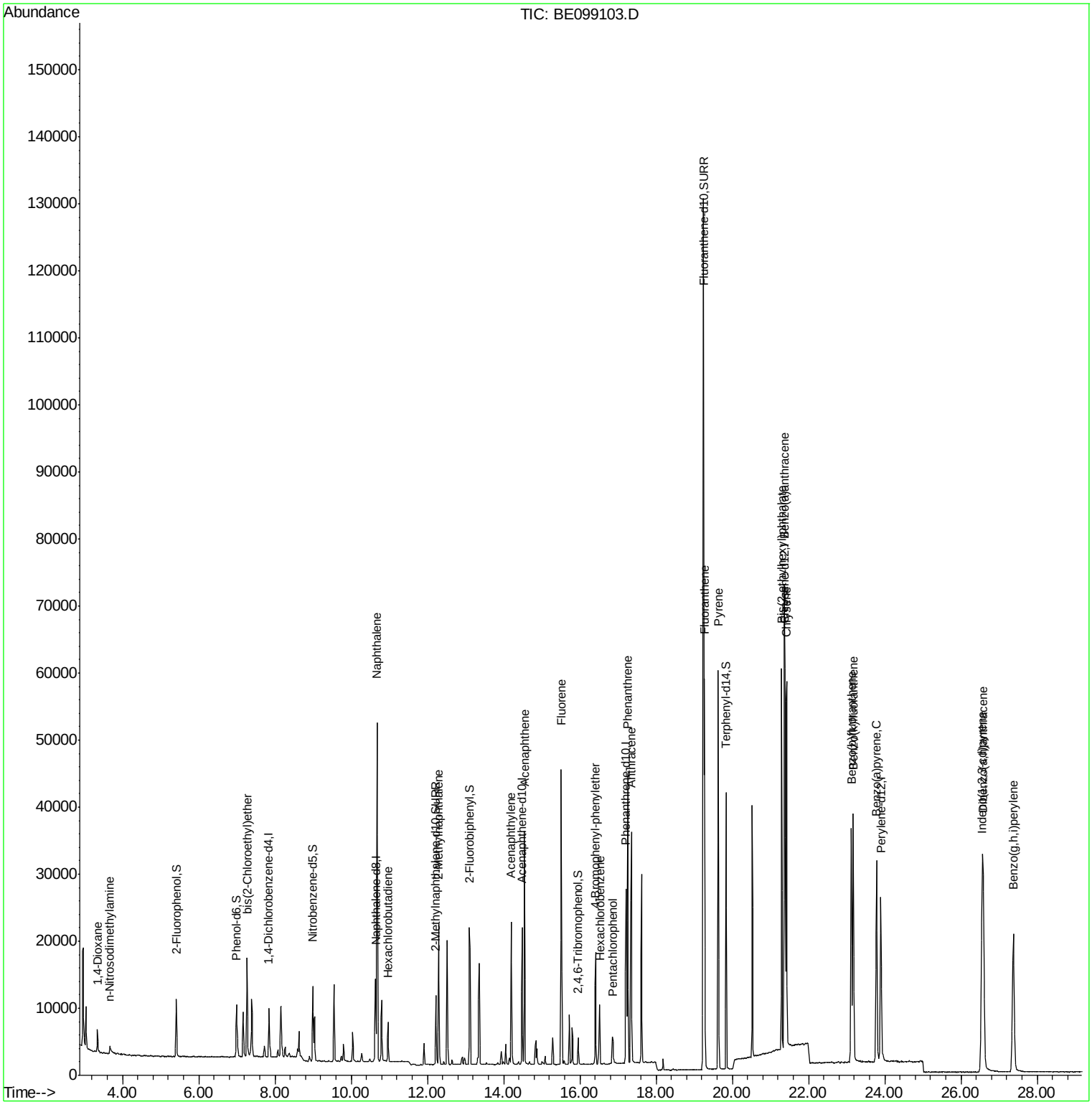
(#) = qualifier out of range (m) = manual integration (+) = signals summed

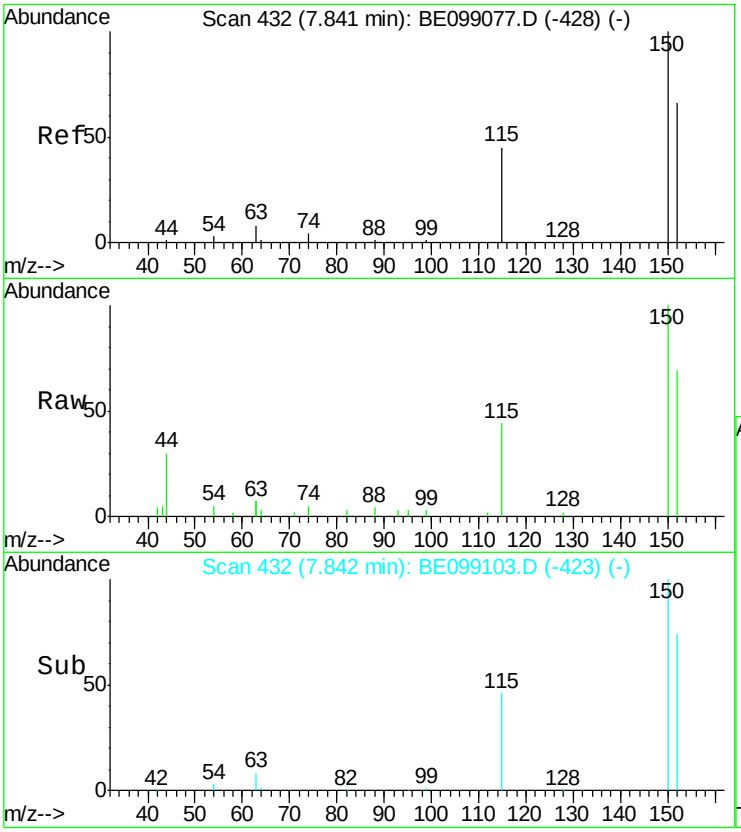
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099103.D
Acq On : 23 Mar 2019 9:30
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 23 22:34:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



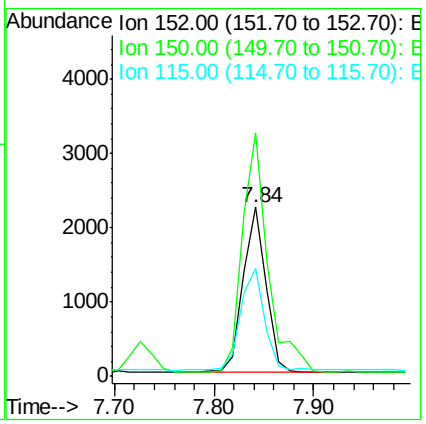


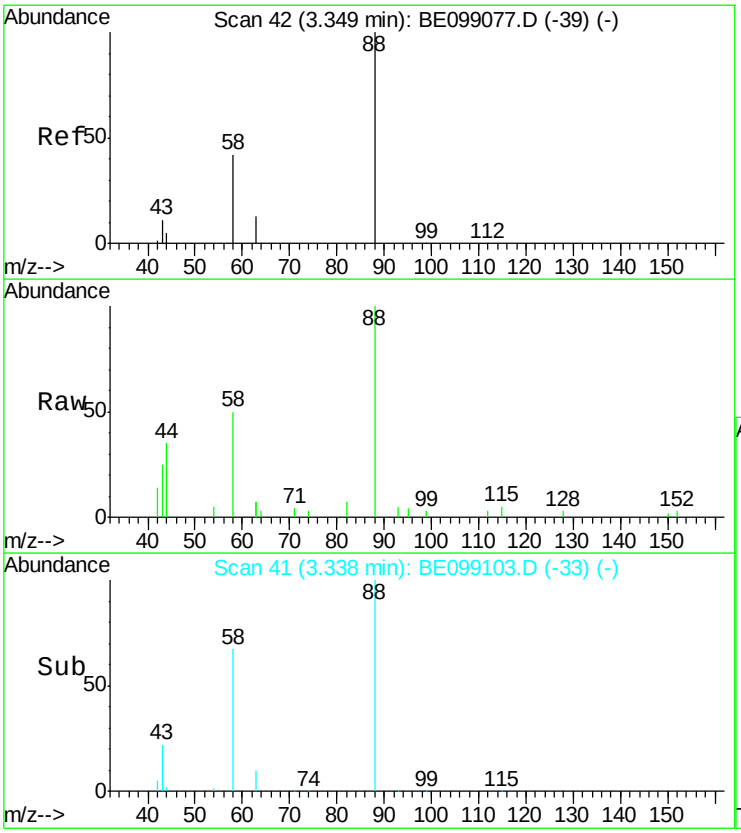
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3498

Ion	Ratio	Lower	Upper
152	100		
150	144.1	122.5	183.7
115	63.6	57.4	86.2

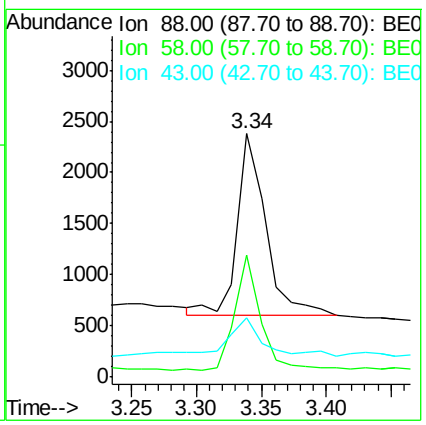


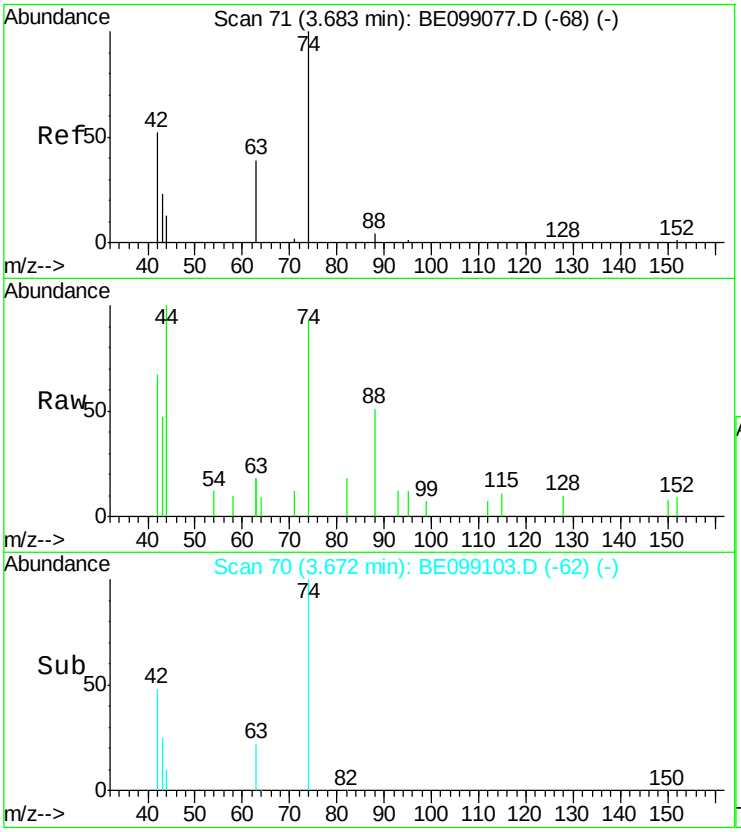


#2
1,4-Dioxane
Concen: 0.494 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion: 88 Resp: 2681

Ion	Ratio	Lower	Upper
88	100		
58	57.0	52.0	78.0
43	24.7	24.0	36.0



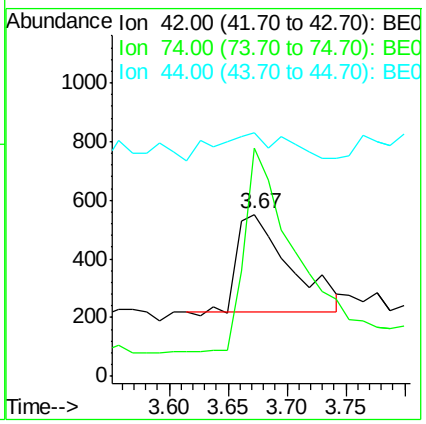


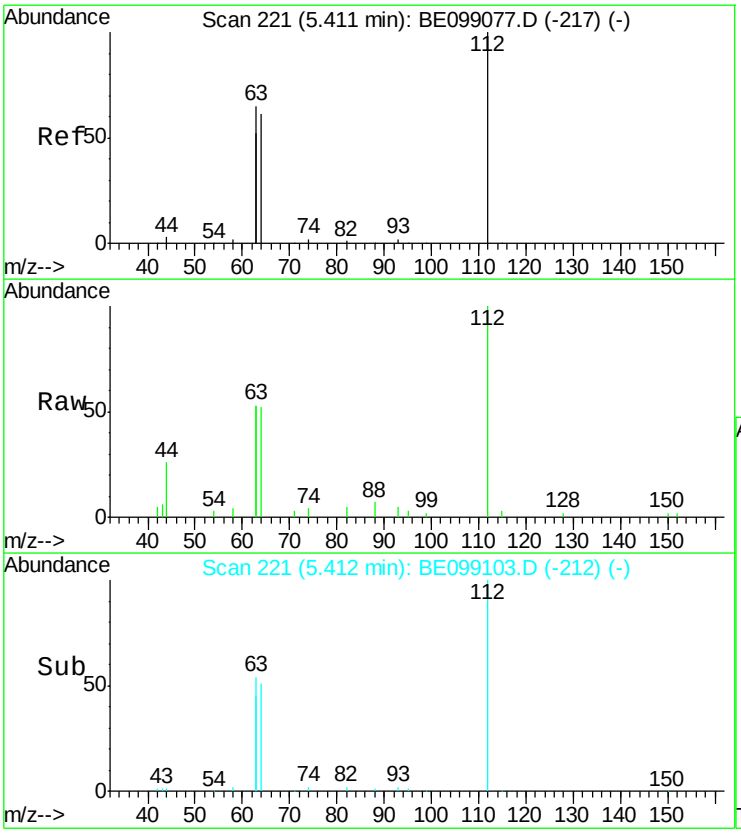
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1032

Ion	Ratio	Lower	Upper
42	100		
74	199.6	160.0	240.0
44	39.6	0.0	0.0#

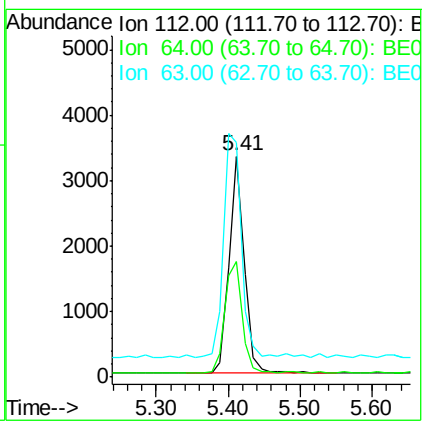


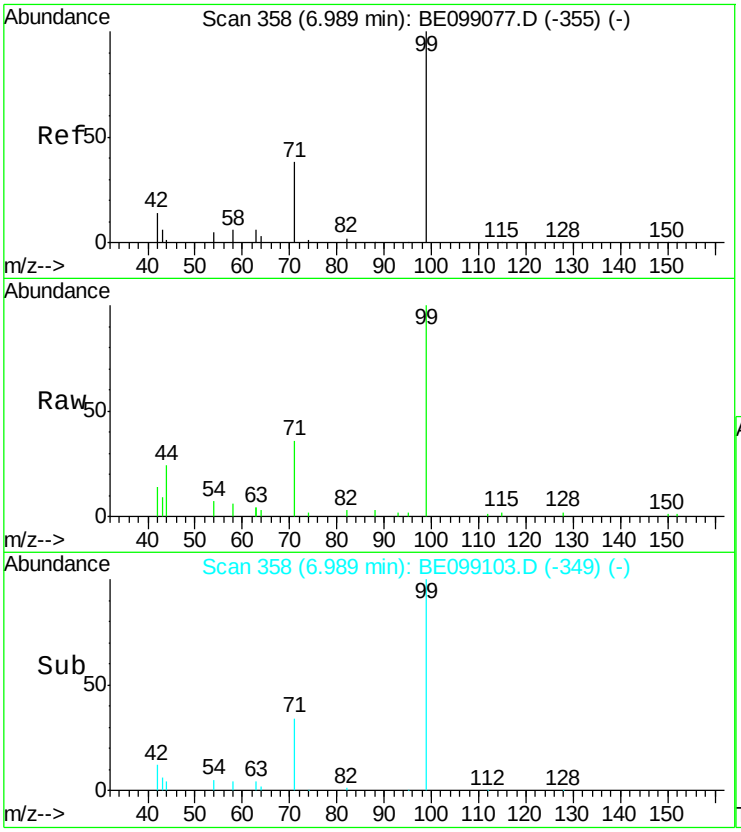


#4
2-Fluorophenol
Concen: 0.467 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:112 Resp: 4860

Ion	Ratio	Lower	Upper
112	100		
64	57.5	57.9	86.9#
63	120.4	158.3	237.5#



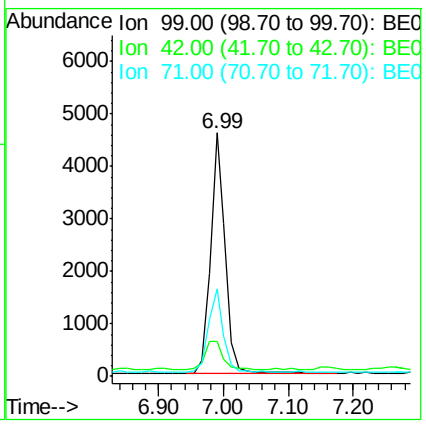


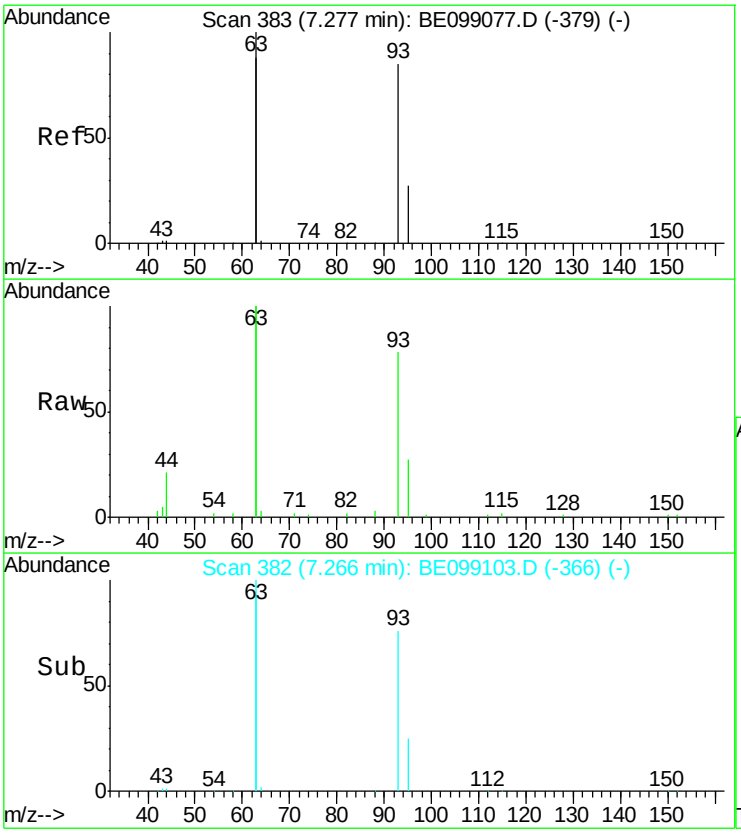
#5
Phenol-d6
Concen: 0.487 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7308

Ion	Ratio	Lower	Upper
99	100		
42	14.4	24.2	36.2#
71	35.4	35.7	53.5#

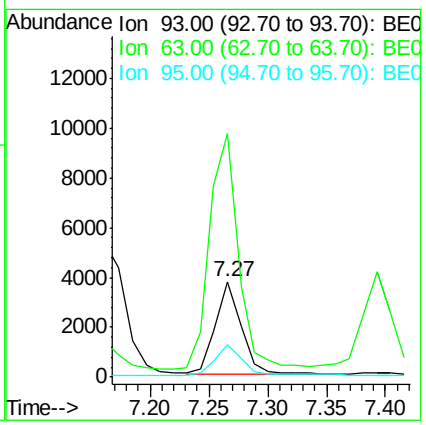


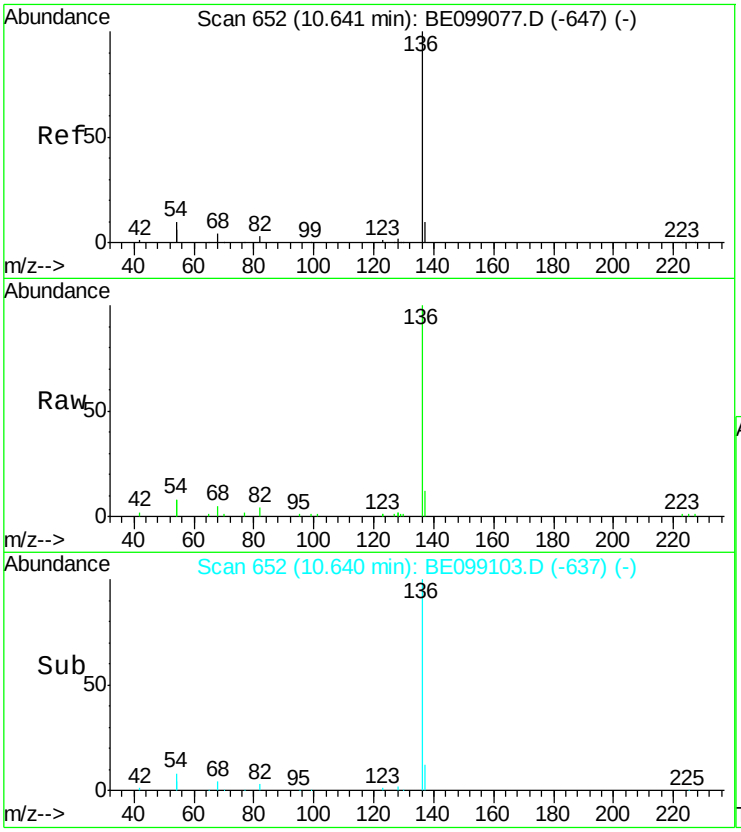


#6
bis(2-Chloroethyl)ether
Concen: 0.472 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion: 93 Resp: 5757

Ion	Ratio	Lower	Upper
93	100		
63	278.3	247.5	371.3
95	34.1	21.8	32.8#



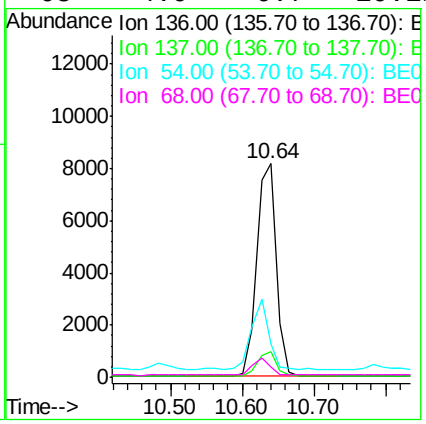


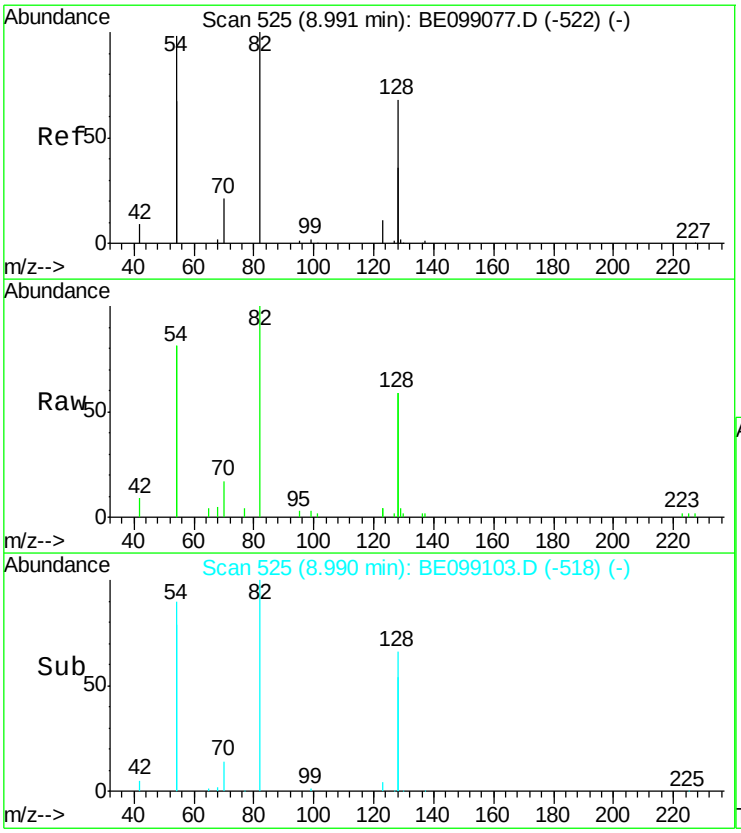
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15416

Ion	Ratio	Lower	Upper
136	100		
137	12.1	11.4	17.0
54	15.8	39.3	58.9#
68	4.9	6.7	10.1#

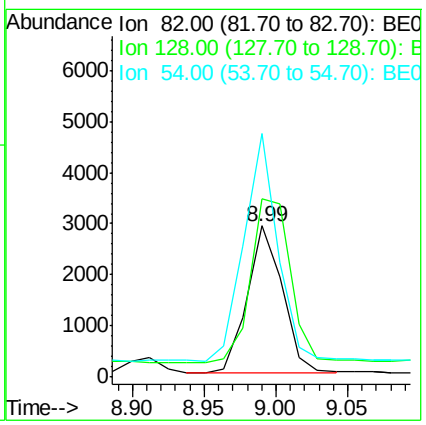


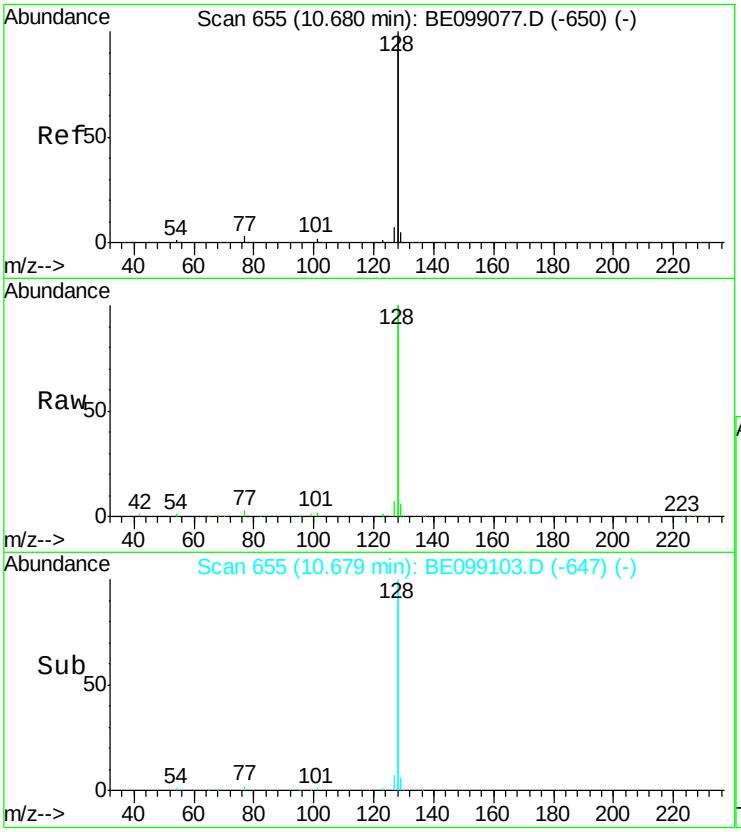


#8
Nitrobenzene-d5
Concen: 0.722 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion: 82 Resp: 4867

Ion	Ratio	Lower	Upper
82	100		
128	118.0	123.8	185.8#
54	161.2	203.4	305.2#



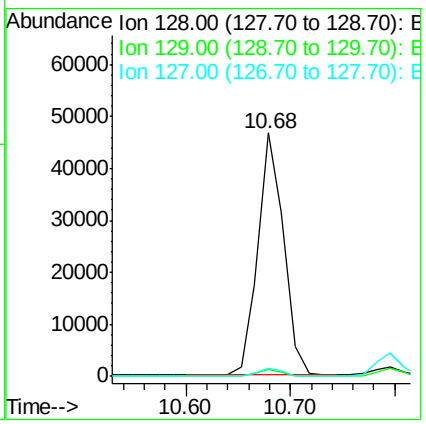


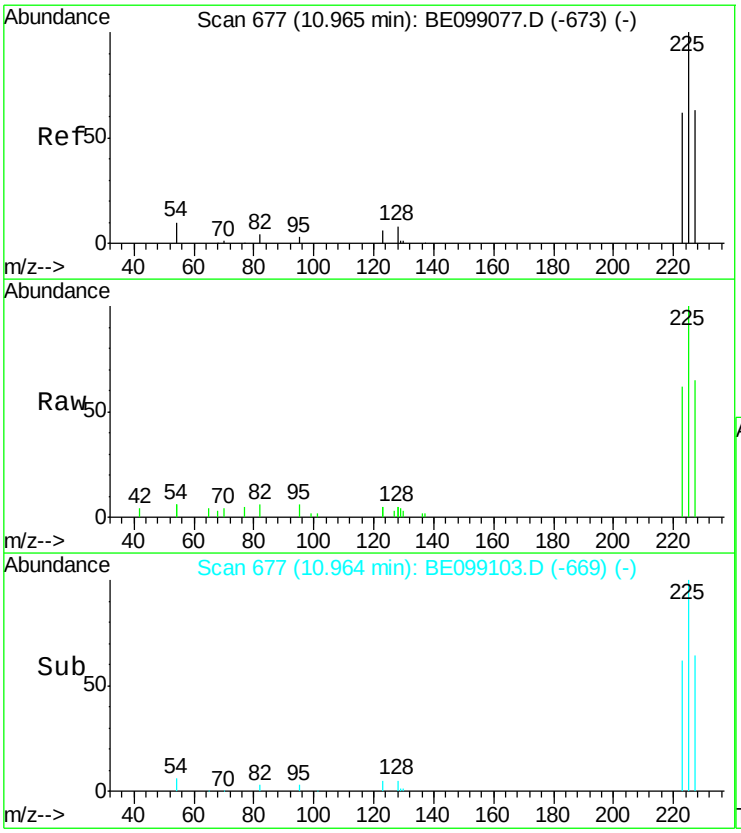
#9
Naphthalene
Concen: 0.441 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 80058

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.5	3.1	4.7

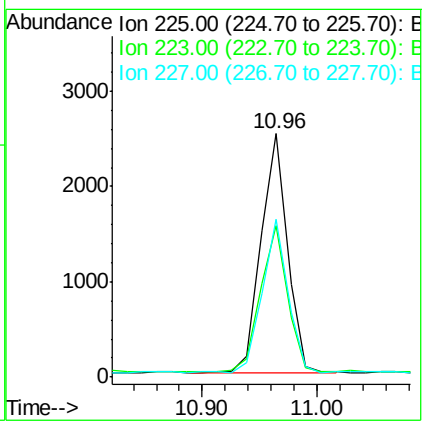


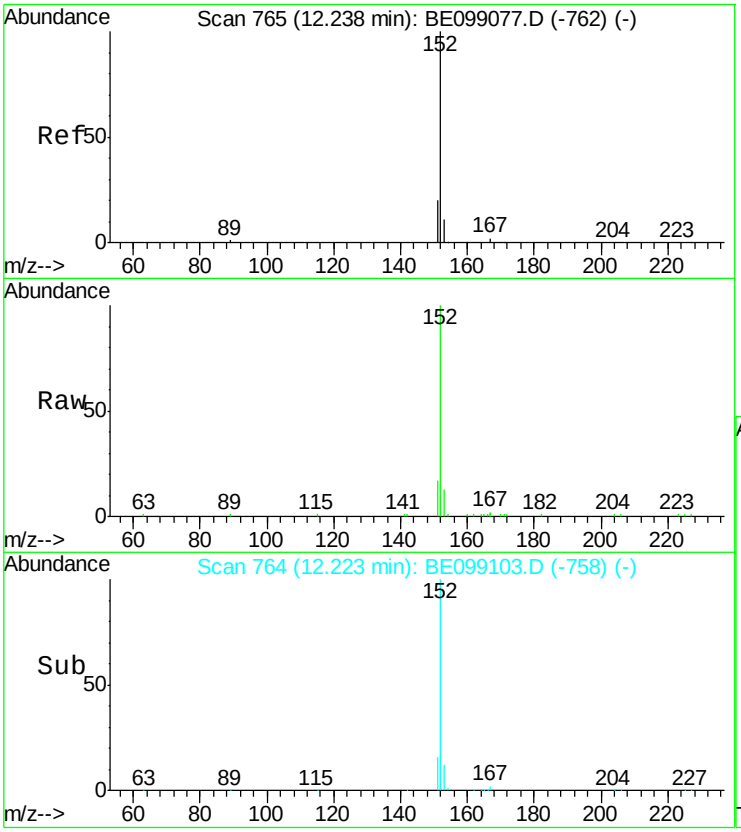


#10
Hexachlorobutadiene
Concen: 0.454 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:225 Resp: 4037

Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	62.2	51.6	77.4



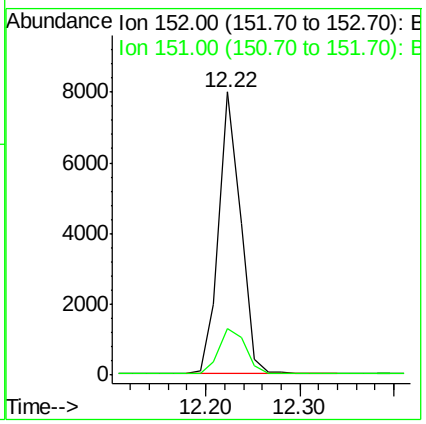


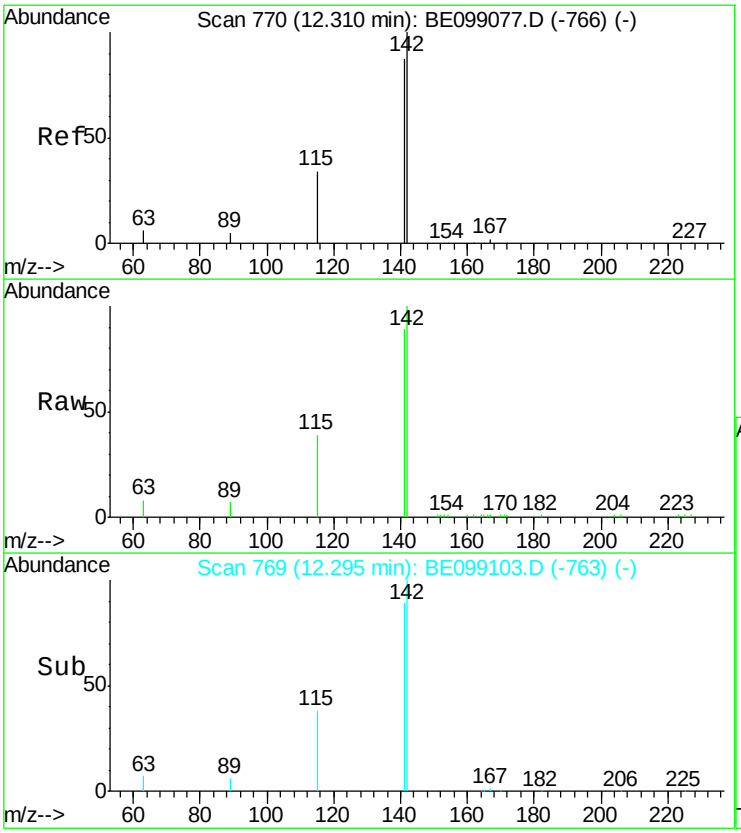
#11
2-Methylnaphthalene-d10
Concen: 0.457 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12700

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7

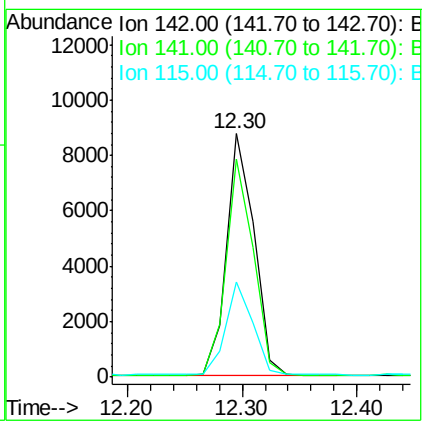


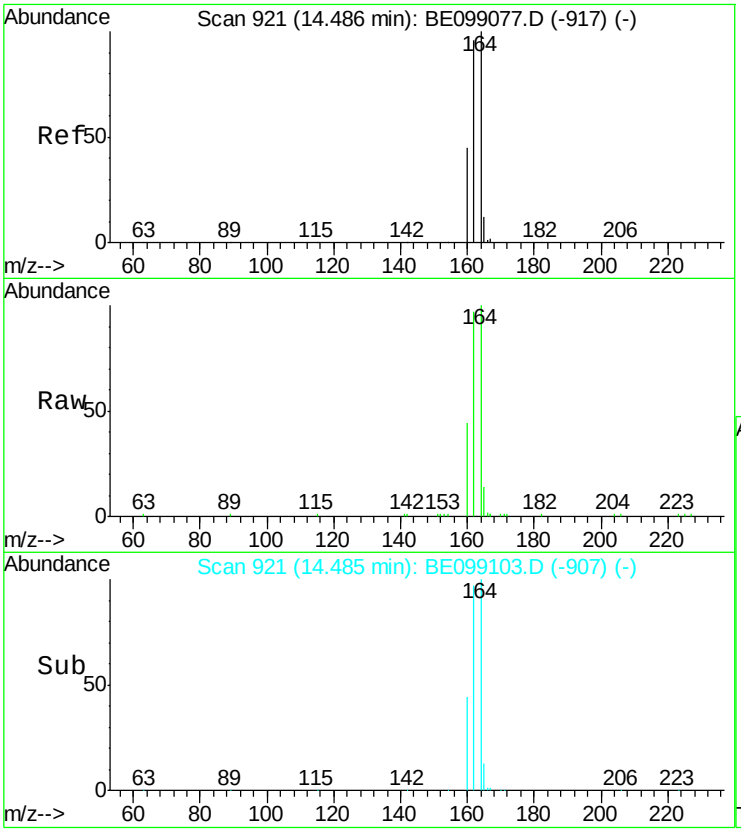


#12
2-Methylnaphthalene
Concen: 0.463 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:142 Resp: 14420

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8
115	38.9	37.4	56.2



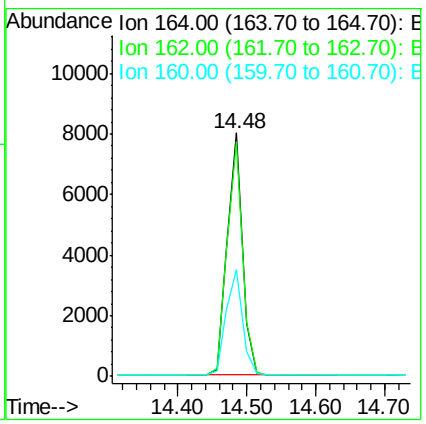


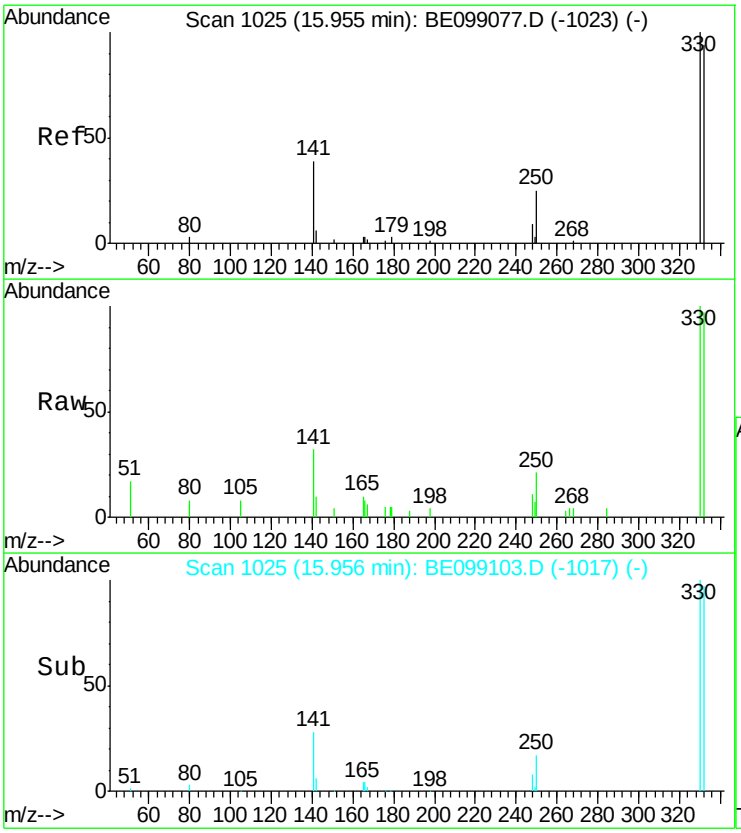
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 12104

Ion	Ratio	Lower	Upper
164	100		
162	96.6	80.2	120.2
160	44.0	37.8	56.8

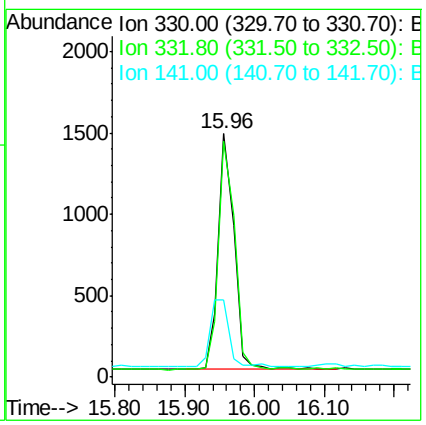


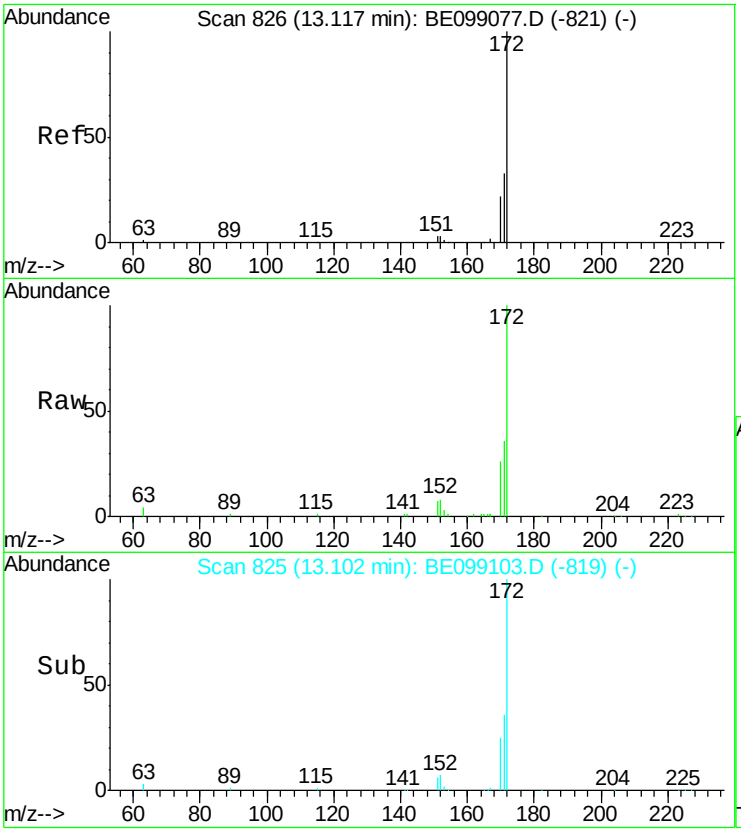


#14
2,4,6-Tribromophenol
Concen: 0.640 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:330 Resp: 2278

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.6	116.4
141	33.9	31.0	46.4



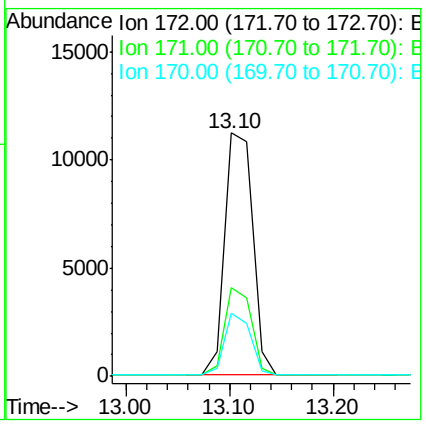


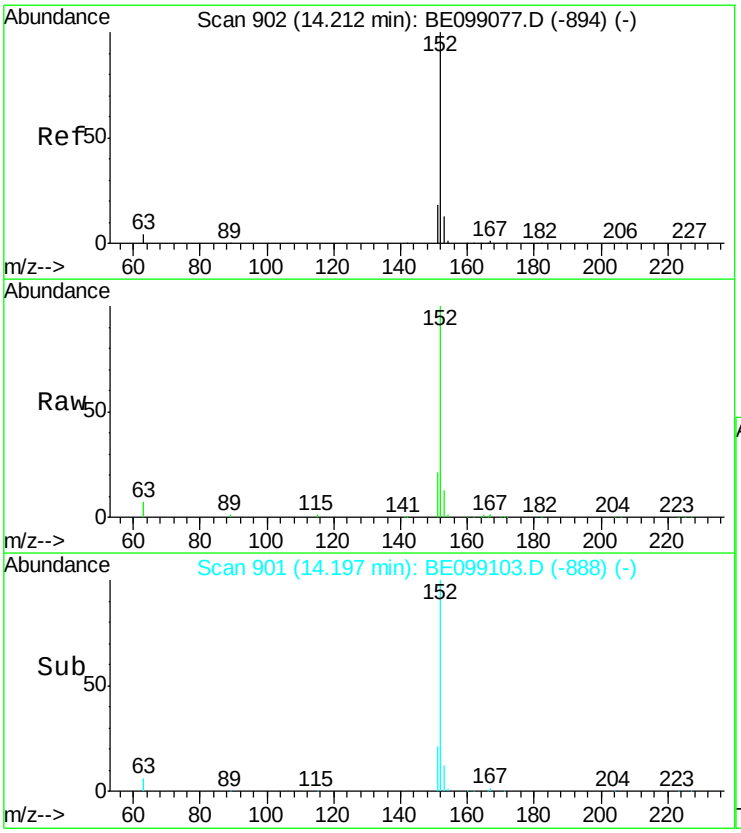
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 20938

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.0	42.0
170	25.7	17.7	26.5

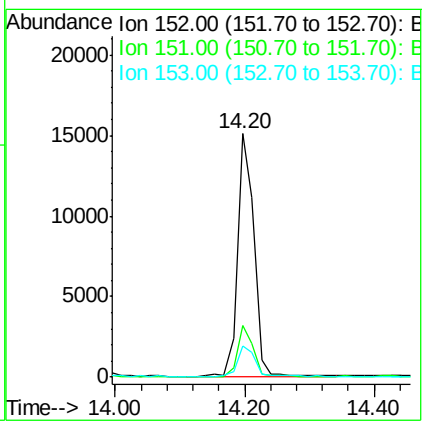


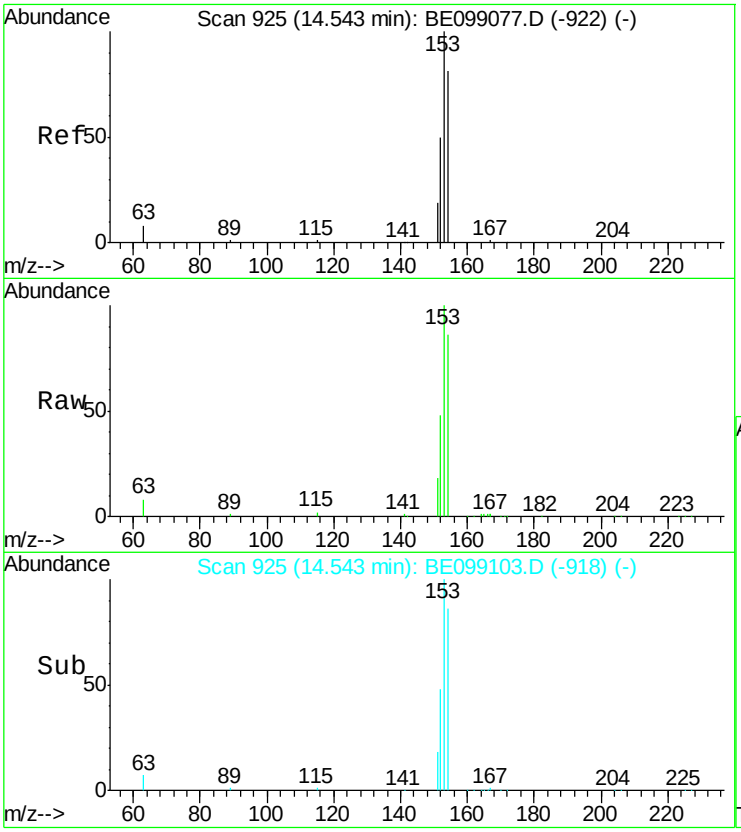


#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:152 Resp: 26169

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.0	25.6
153	13.1	11.2	16.8



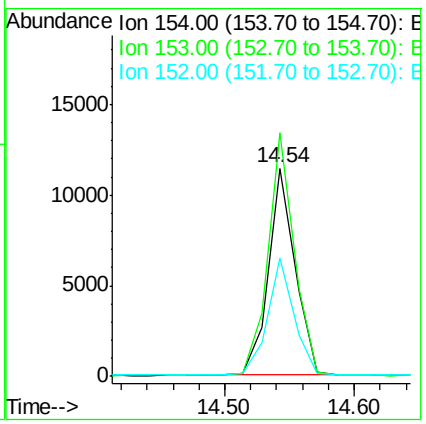


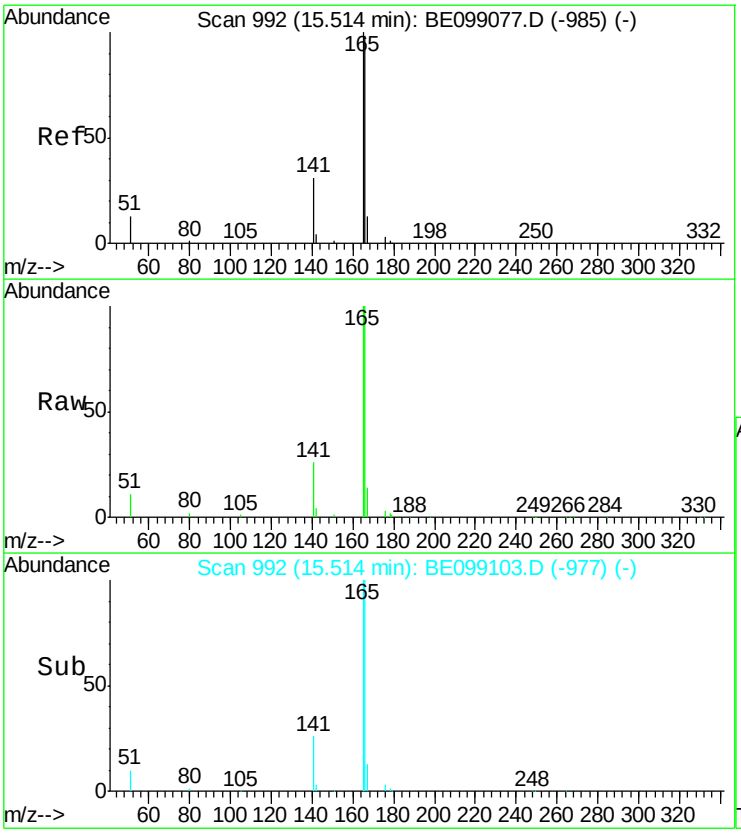
#17
Acenaphthene
Concen: 0.426 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 16338

Ion	Ratio	Lower	Upper
154	100		
153	115.9	94.2	141.4
152	56.0	45.0	67.4

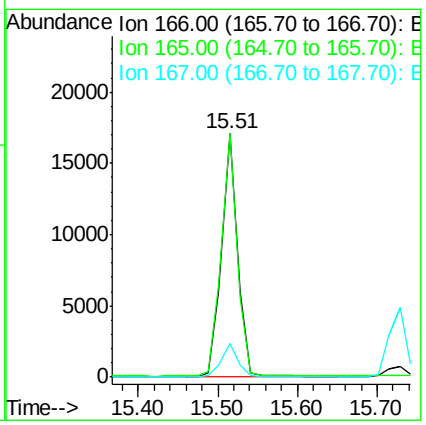


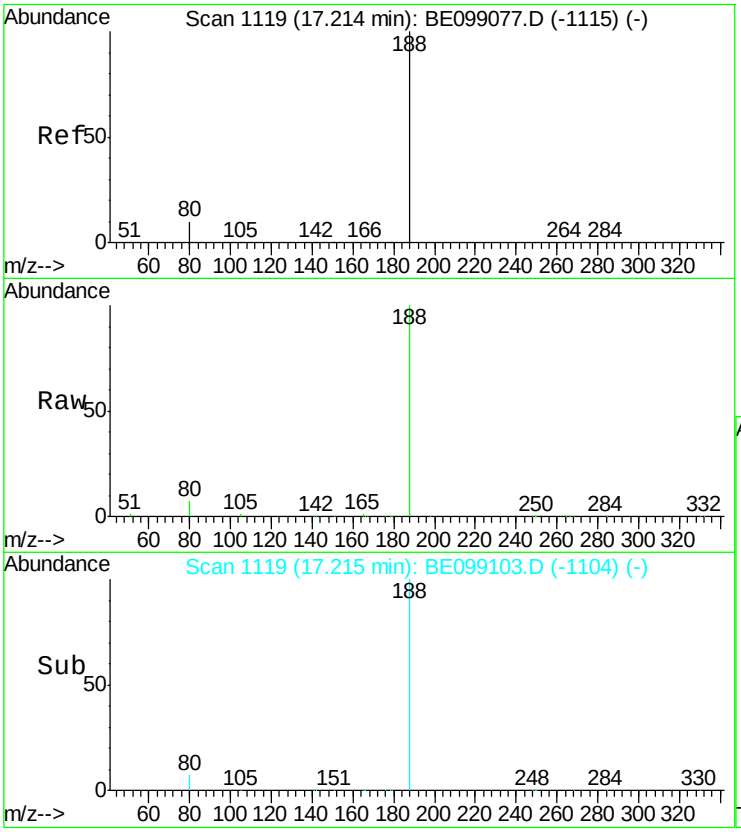


#18
Fluorene
Concen: 0.424 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:166 Resp: 23716

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	13.4	10.5	15.7



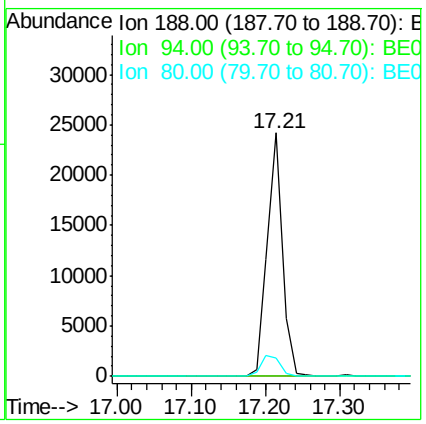


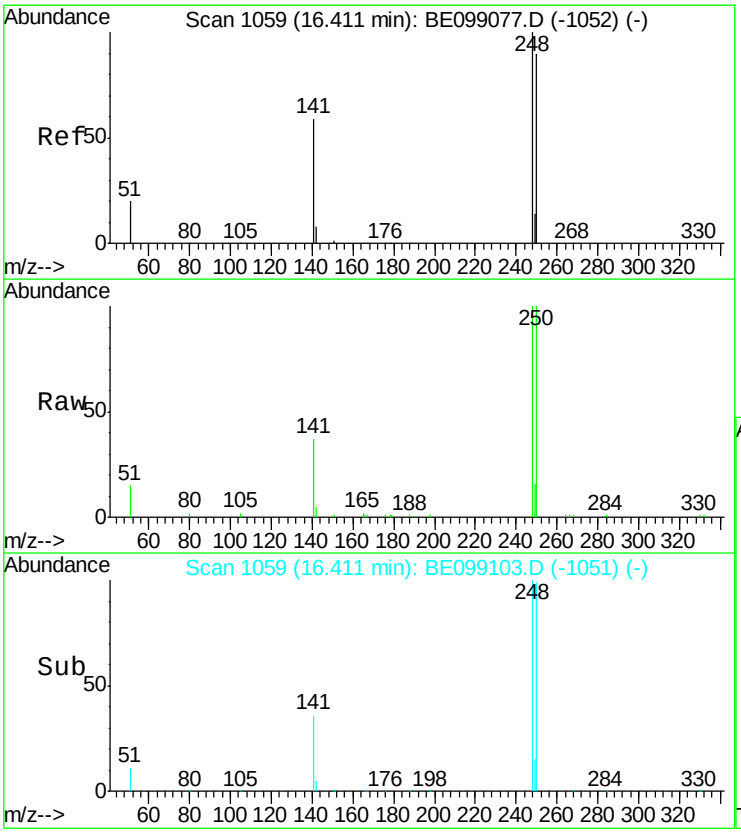
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 34160

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.3	9.5

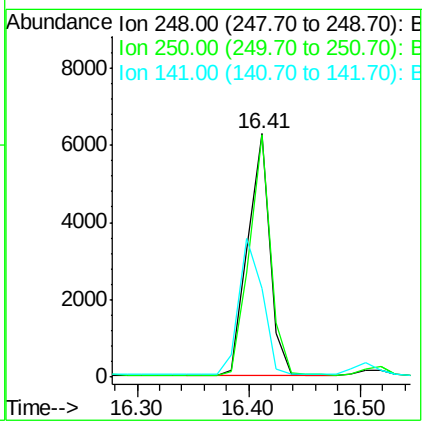


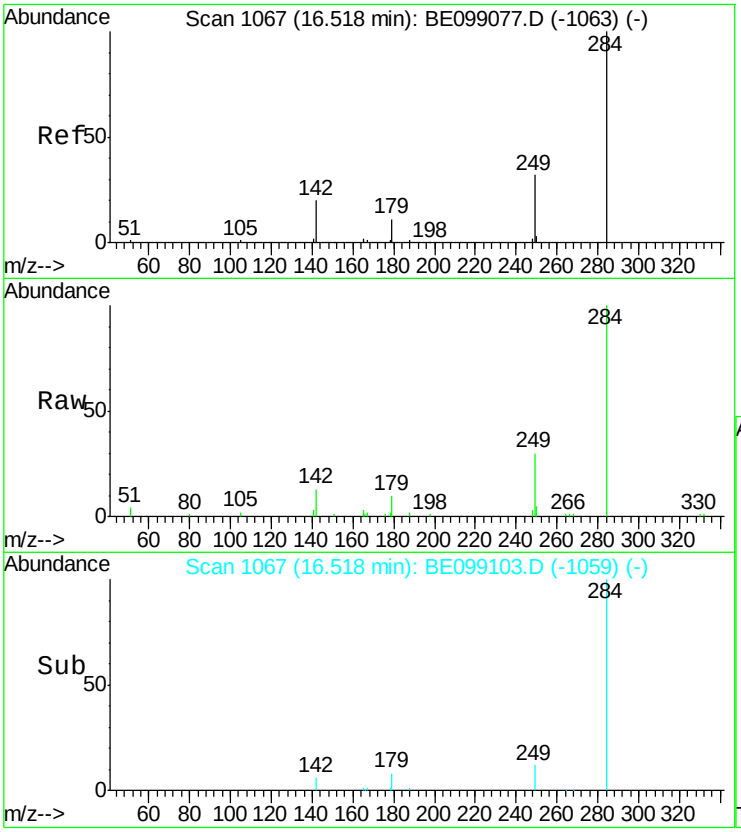


#20
4-Bromophenyl-phenylether
Concen: 0.457 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:248 Resp: 8642

Ion	Ratio	Lower	Upper
248	100		
250	99.5	70.6	105.8
141	36.6	68.6	102.8#



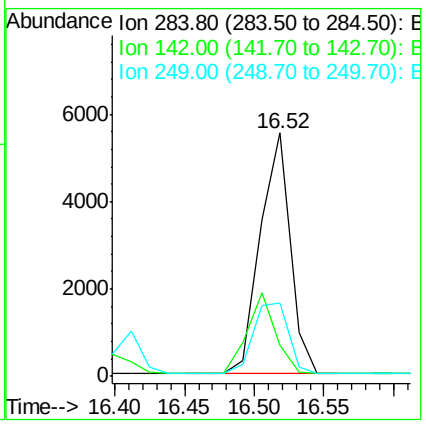


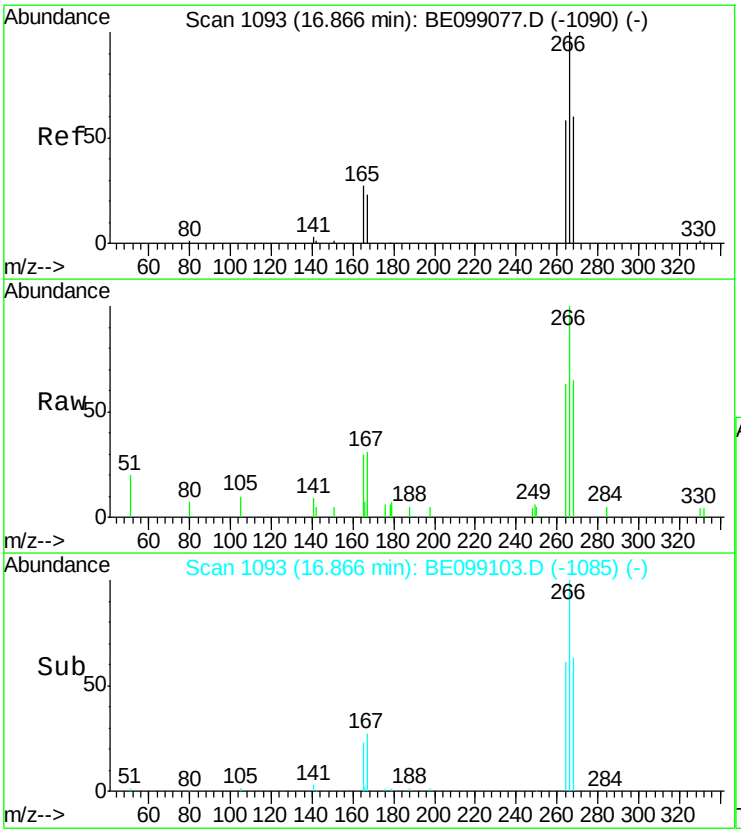
#21
Hexachlorobenzene
Concen: 0.471 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 8277

Ion	Ratio	Lower	Upper
284	100		
142	31.6	28.7	43.1
249	34.3	29.6	44.4

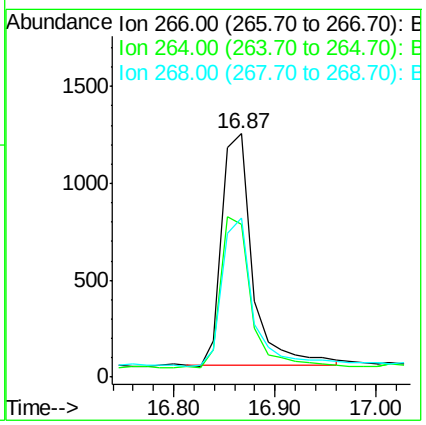


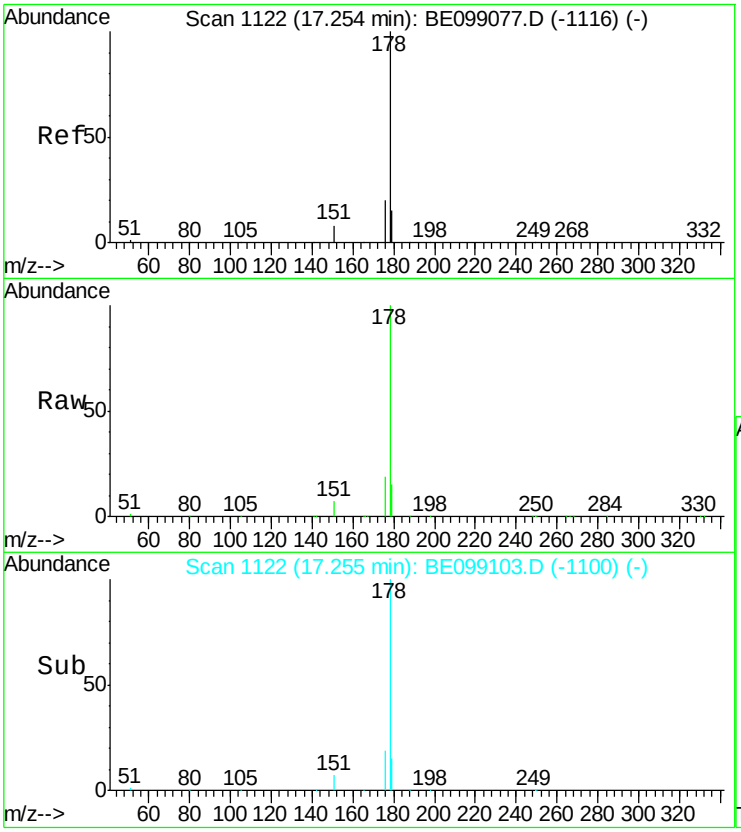


#22
Pentachlorophenol
Concen: 0.601 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:266 Resp: 2515

Ion	Ratio	Lower	Upper
266	100		
264	62.5	66.6	100.0#
268	65.4	69.8	104.8#



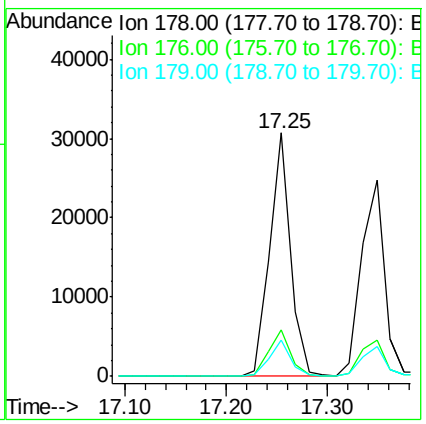


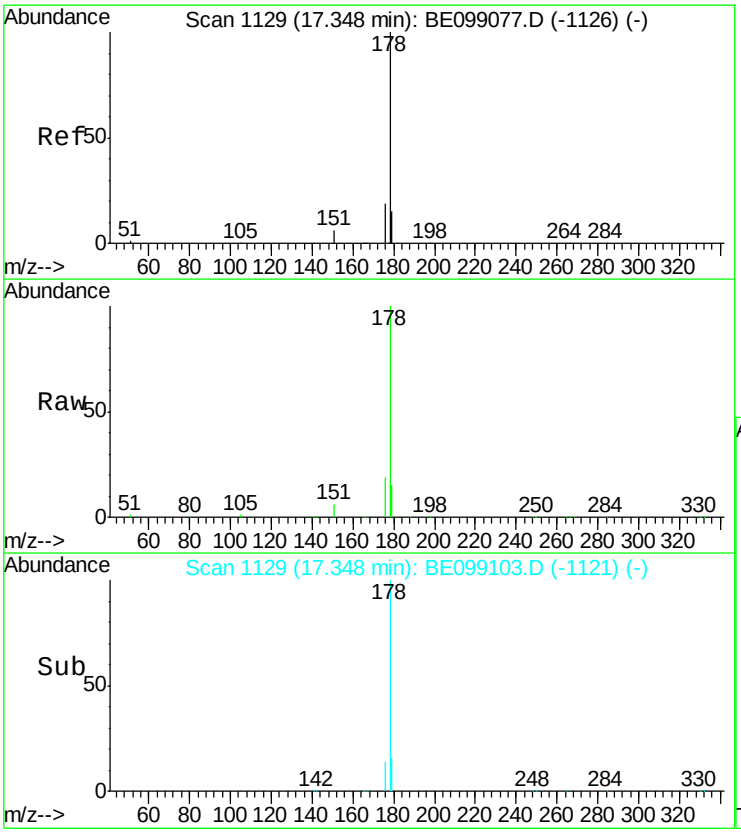
#23
Phenanthrene
Concen: 0.429 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 43506

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.2	12.1	18.1

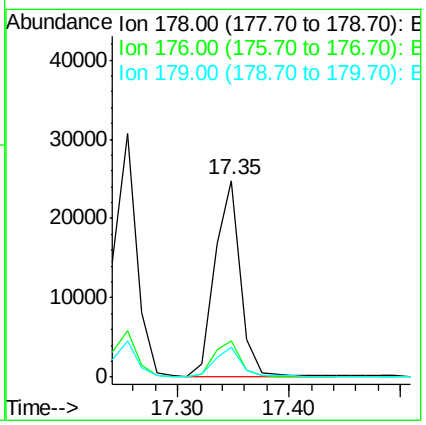


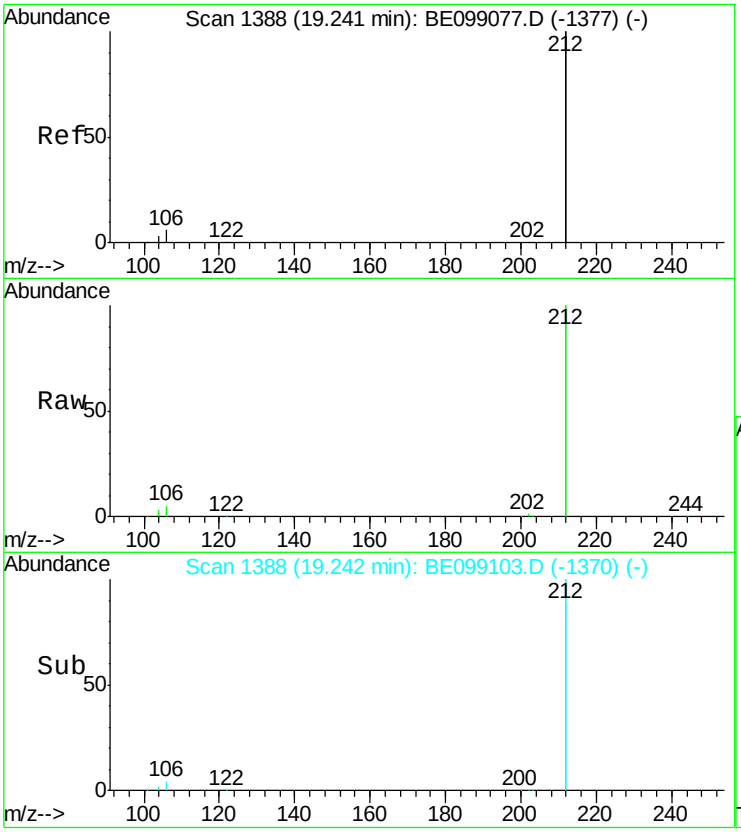


#24
Anthracene
Concen: 0.405 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:178 Resp: 38845

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.3	12.2	18.4



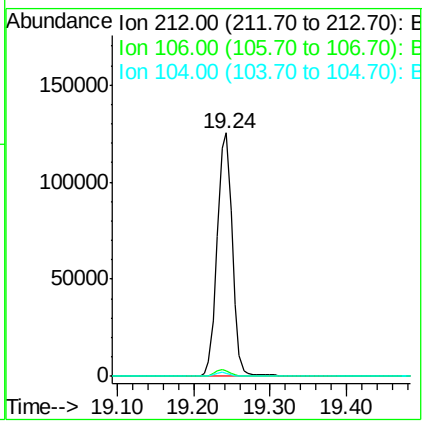


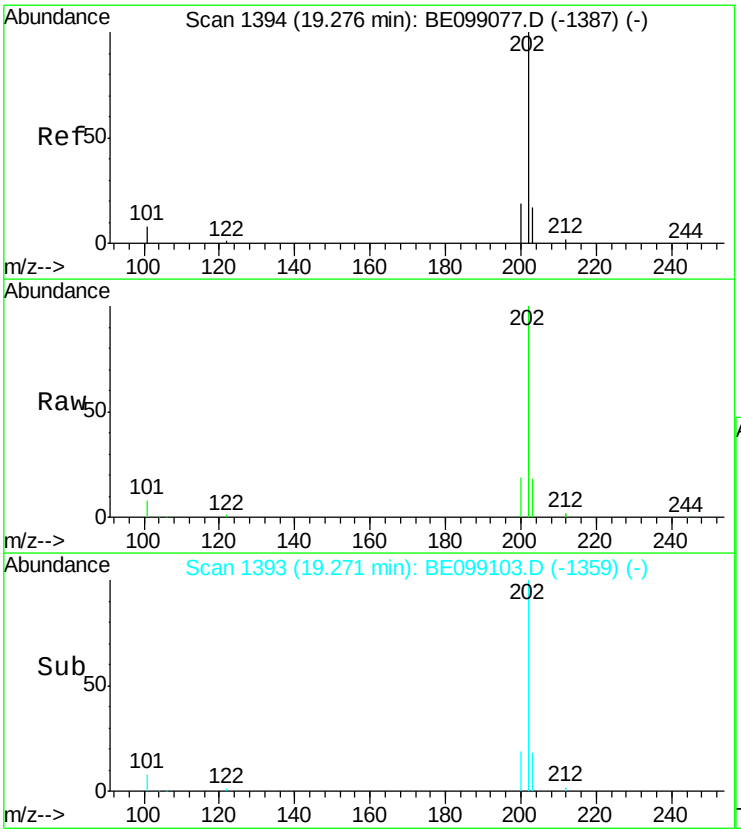
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 169846

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6

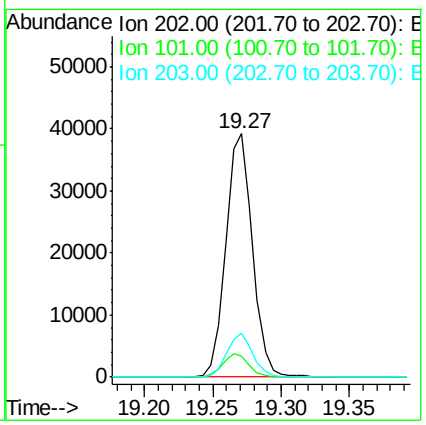


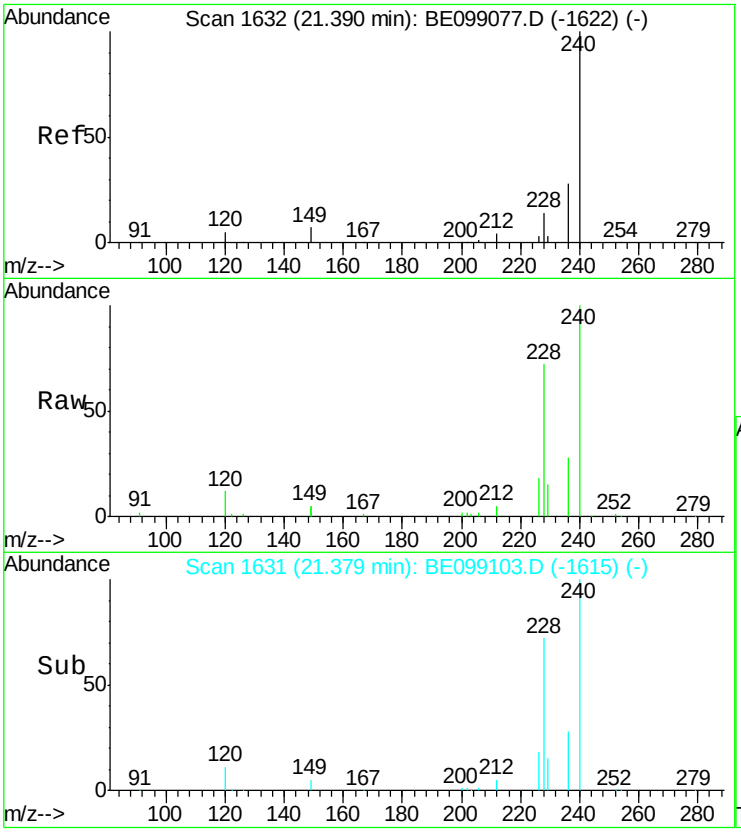


#26
Fluoranthene
Concen: 0.371 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:202 Resp: 52989

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.2	13.4	20.2



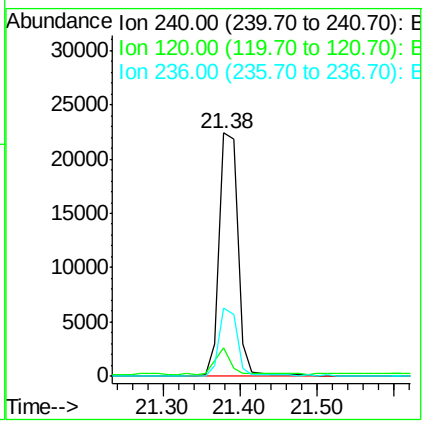


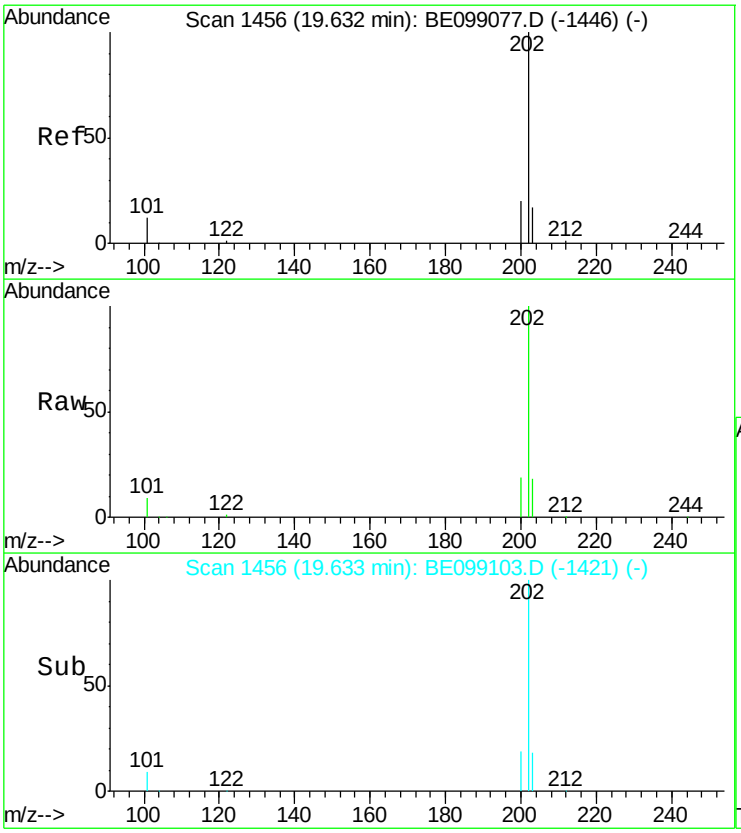
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 37145

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.0	7.4#
236	27.9	22.7	34.1

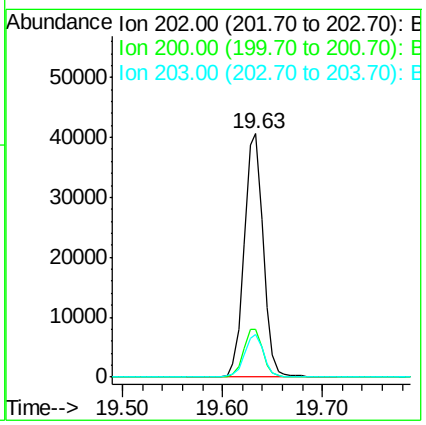


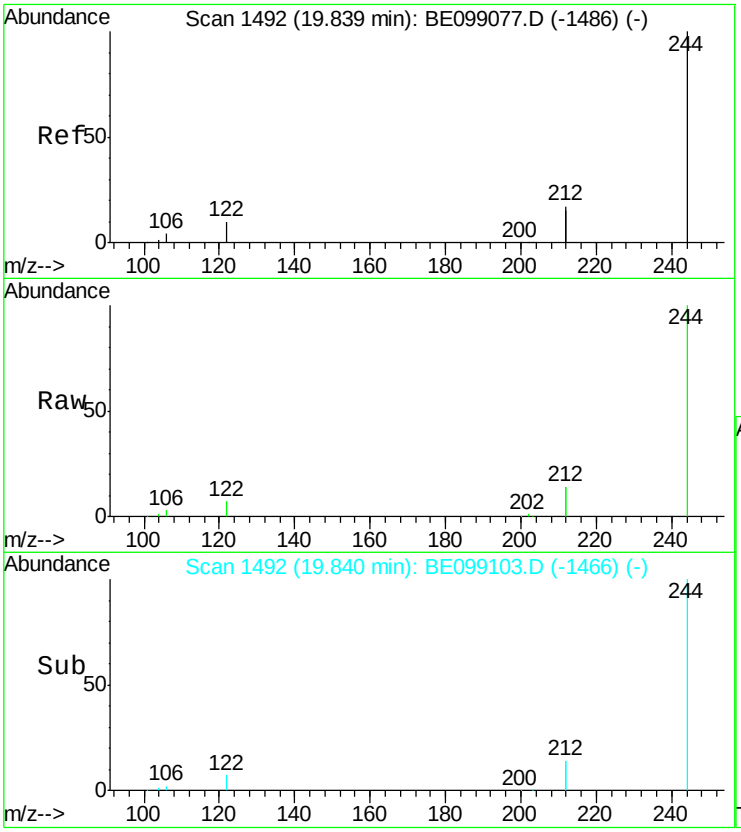


#28
Pyrene
Concen: 0.426 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:202 Resp: 53644

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	17.5	14.2	21.2



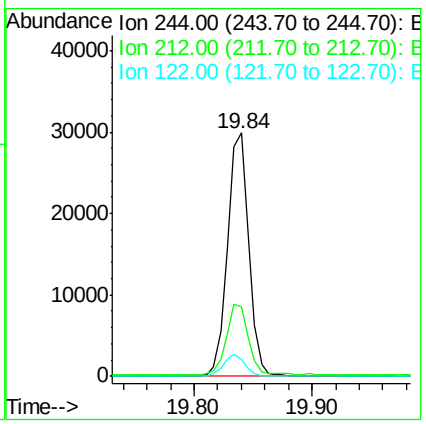


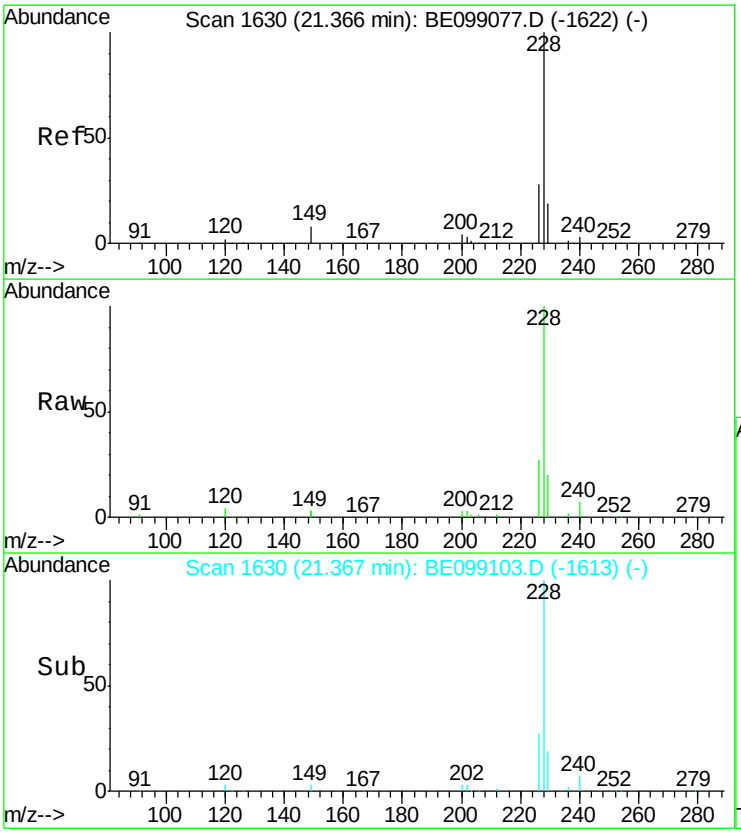
#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 36999

Ion	Ratio	Lower	Upper
244	100		
212	28.8	29.4	44.2#
122	6.9	7.1	10.7#

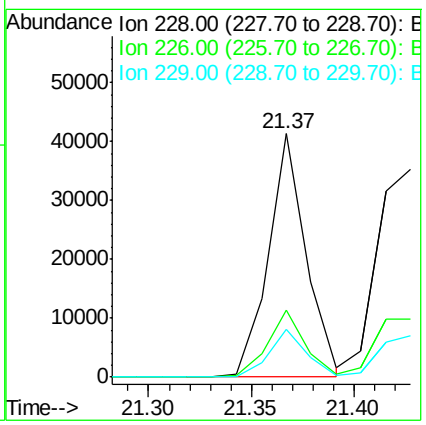


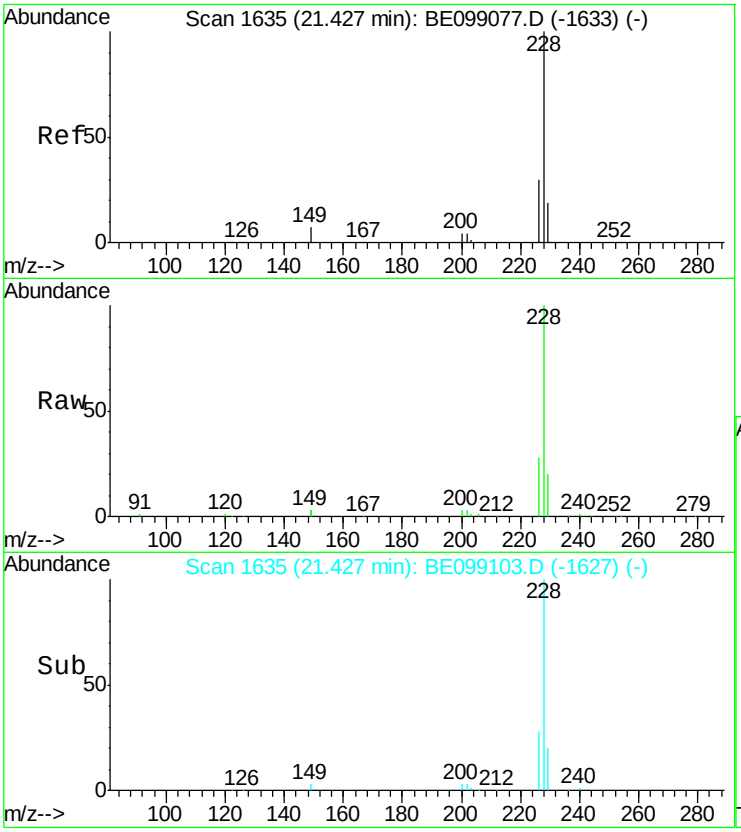


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:228 Resp: 52897

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	19.6	16.5	24.7



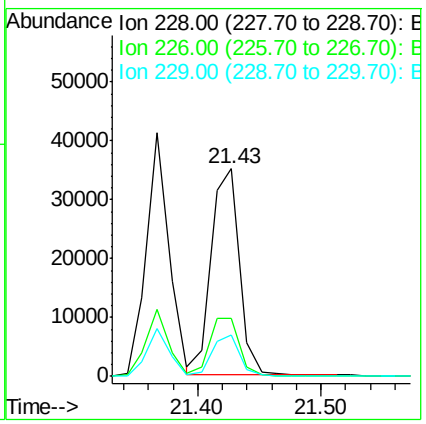


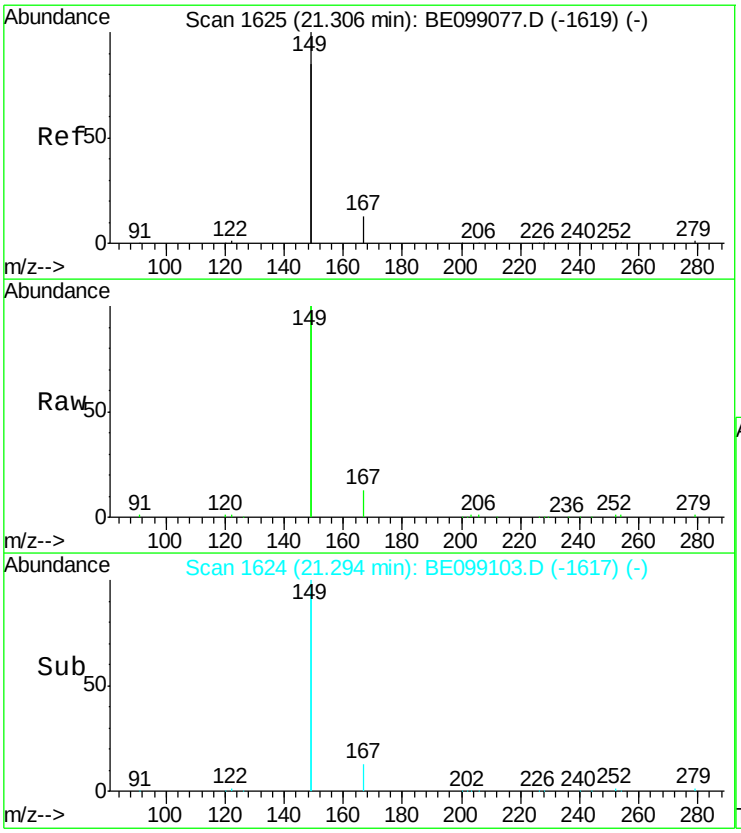
#31
Chrysene
Concen: 0.428 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 56013

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.7	35.5
229	19.9	16.1	24.1

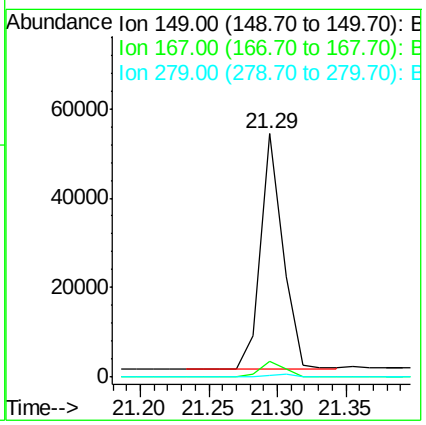


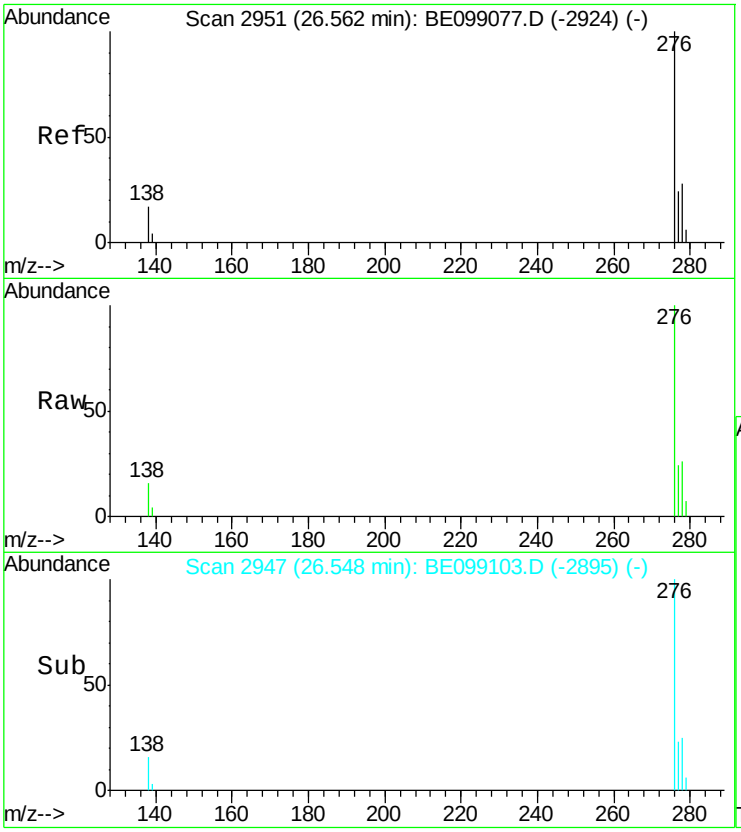


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.352 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:149 Resp: 59845

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	1.0	1.4



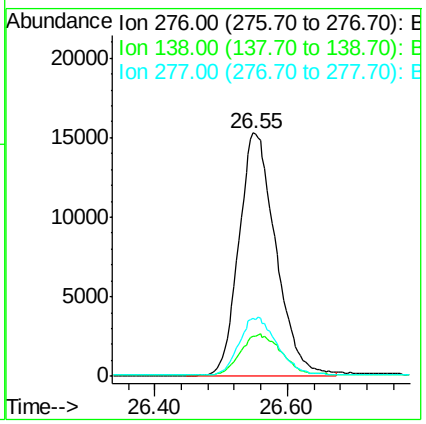


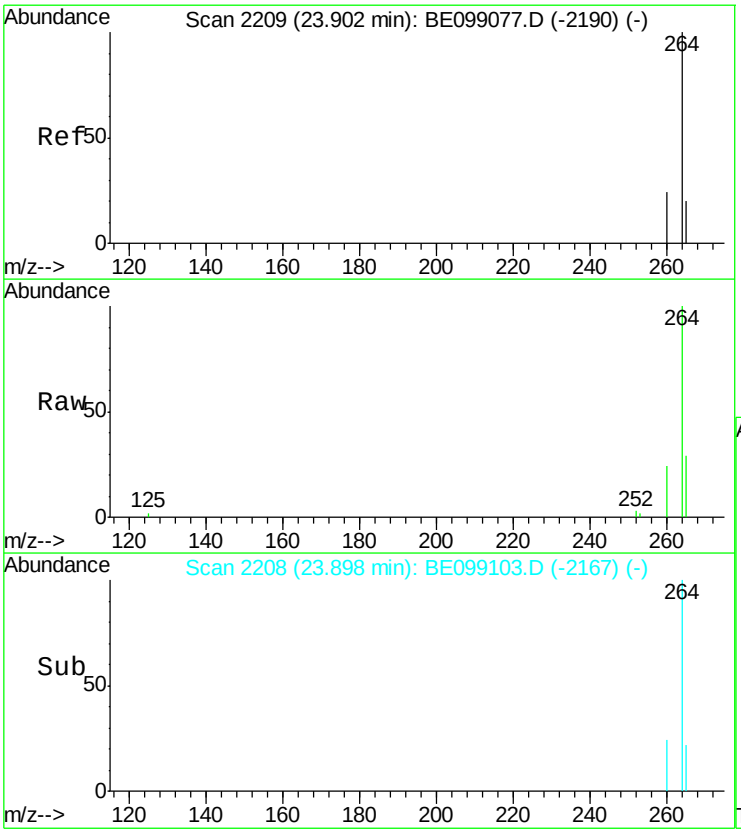
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 58694

Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.8	20.8
277	24.4	19.5	29.3

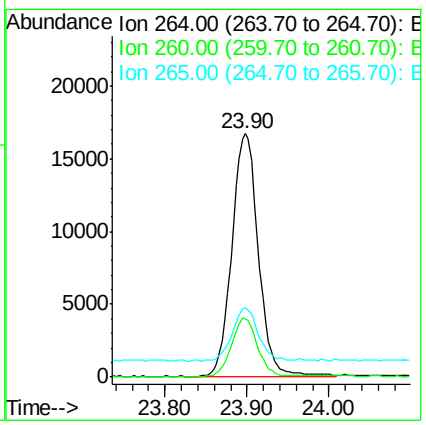


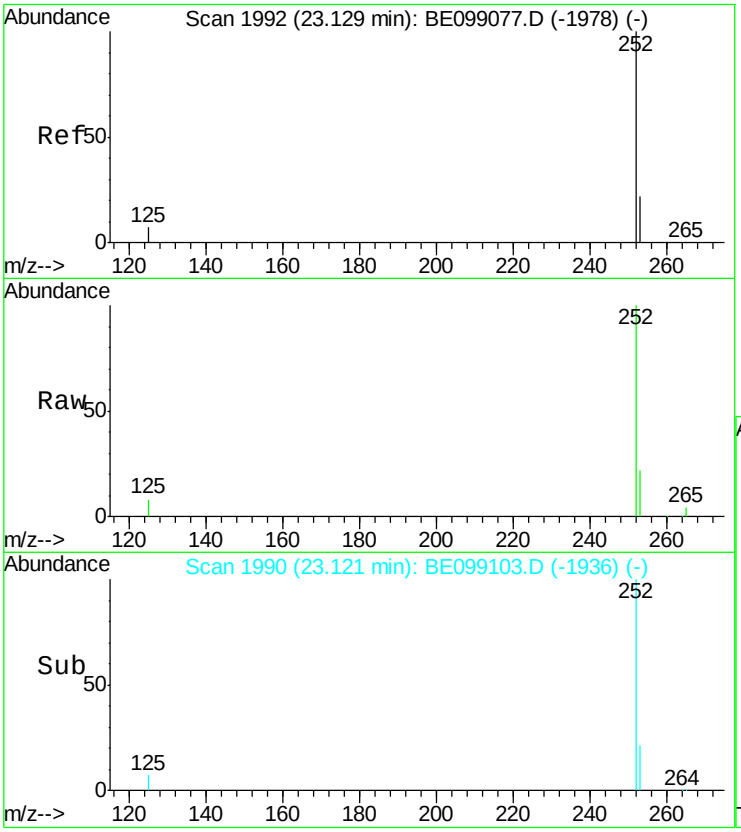


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:264 Resp: 37078

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.2	31.8
265	28.6	24.6	36.8



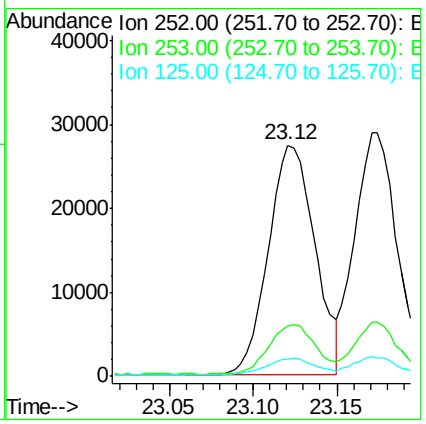


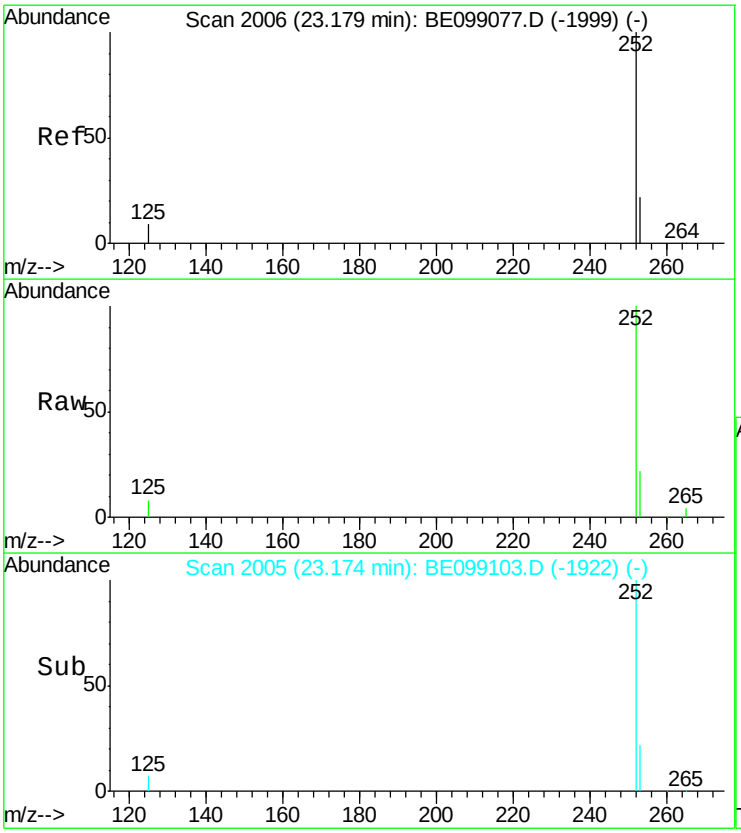
#35
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 53295

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	7.7	7.3	10.9

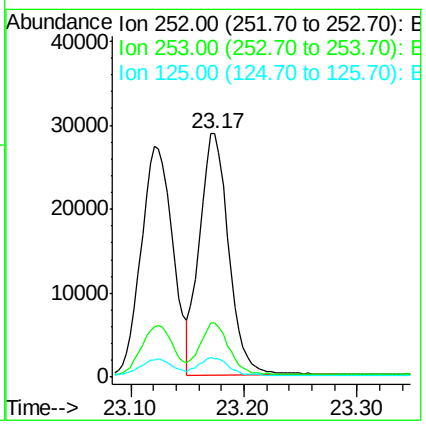


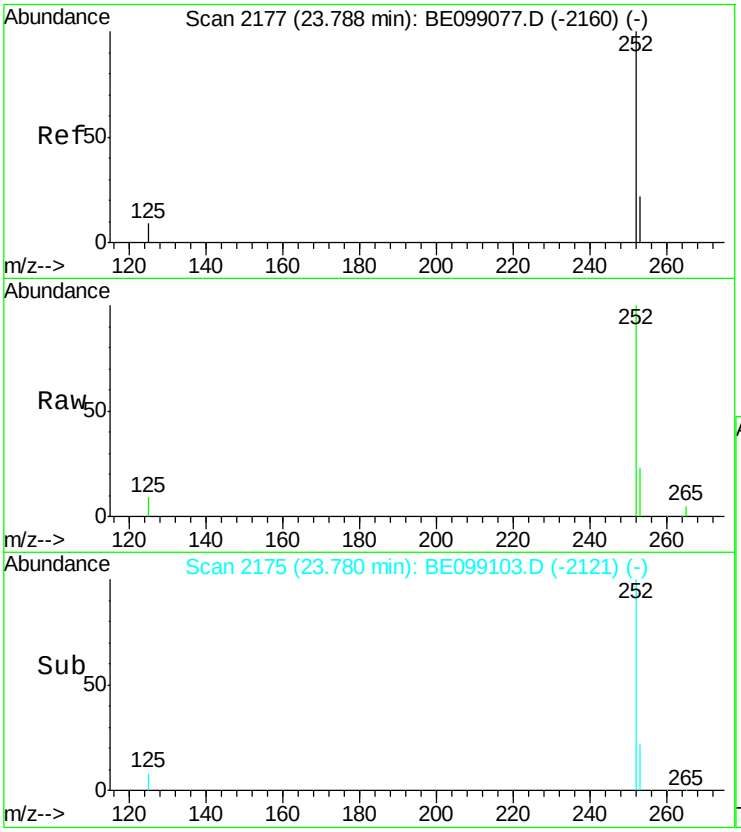


#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:252 Resp: 51618

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.3	28.9
125	7.7	7.5	11.3



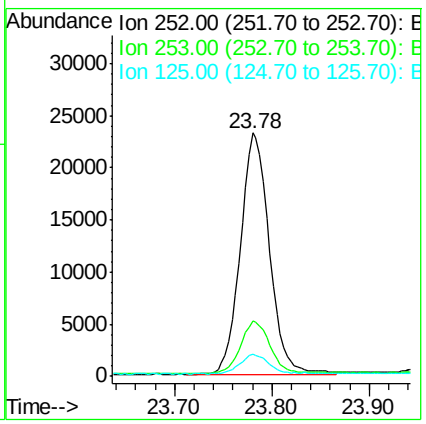


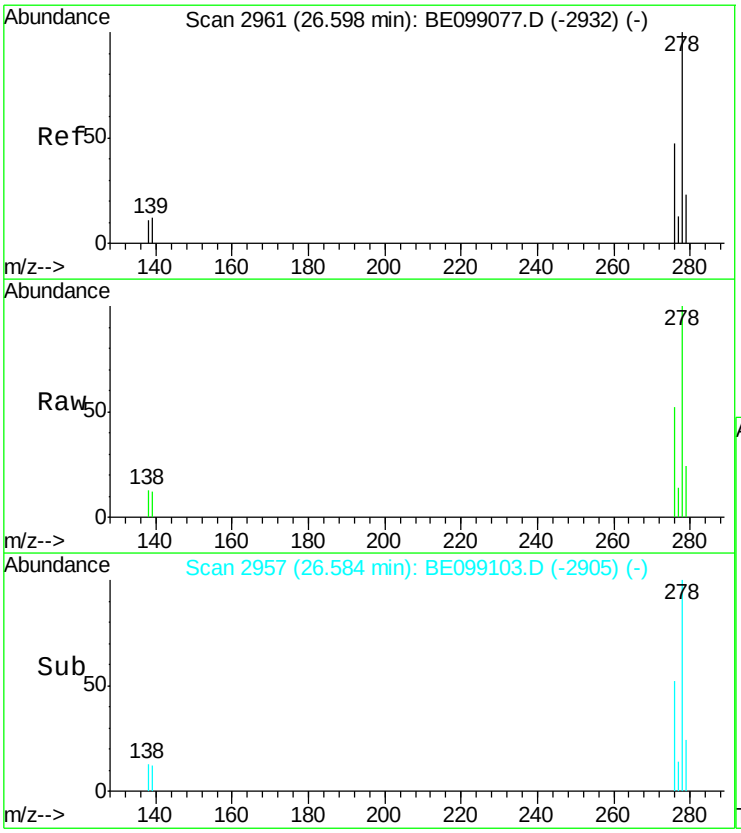
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 48042

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.9	29.9
125	8.9	9.0	13.4#

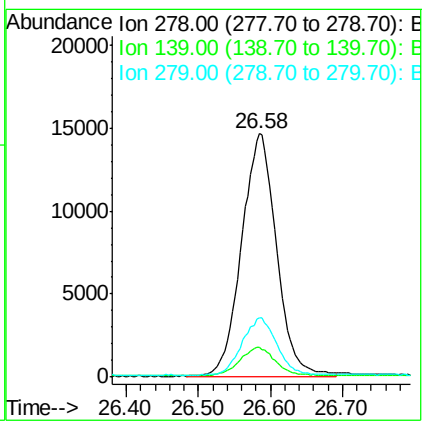


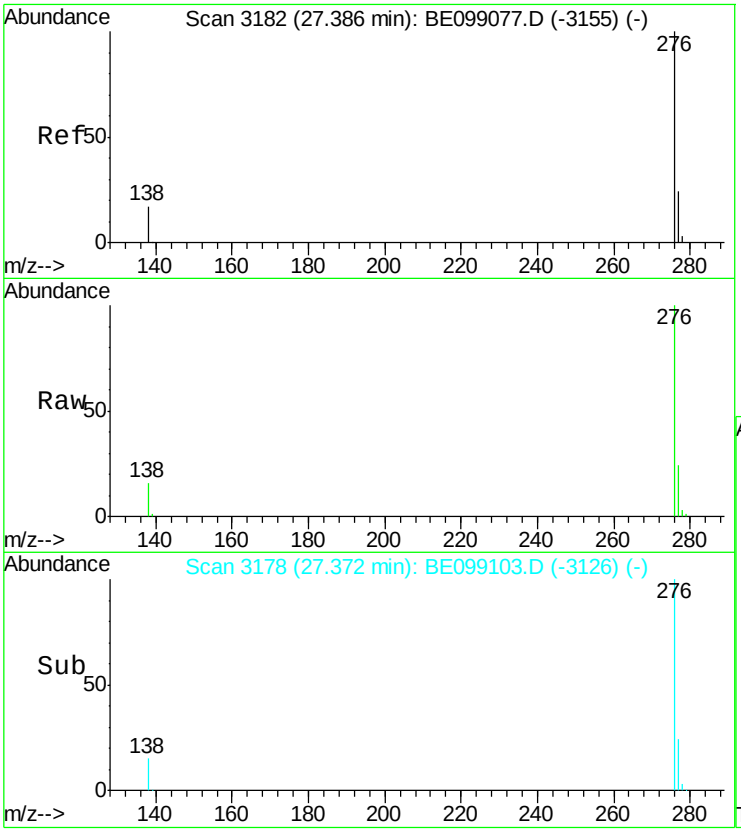


#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:278 Resp: 47940

Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.8	17.6
279	24.2	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 49485

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.4	30.6
138	16.0	13.6	20.4