Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099120.D
Acq On : 23 Mar 2019 20:08
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 23 22:37:25 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	3806	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	16571	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	12823	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	36588	0.40	ng		0.00
27) Chrysene-d12	21.38	240	42994	0.40	ng		-0.01
34) Perylene-d12	23.89	264	45890	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	5402	0.48	ng		0.00
5) Phenol-d6	6.99	99	8084	0.50	ng		0.00
8) Nitrobenzene-d5	8.99	82	6065	0.84	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14096	0.47	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	3032	0.80	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	23200	0.45	ng		-0.02
25) Fluoranthene-d10	19.24	212	197385	0.40	ng		0.00
29) Terphenyl-d14	19.83	244	42919	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2500	0.423	ng		97
3) n-Nitrosodimethylamine	3.67	42	1359	0.446	ng	#	84
6) bis(2-Chloroethyl)ether	7.26	93	6169	0.465	ng	#	88
9) Naphthalene	10.68	128	86281	0.442	ng		99
10) Hexachlorobutadiene	10.96	225	4419	0.463	ng		98
12) 2-Methylnaphthalene	12.29	142	15787	0.472	ng		94
16) Acenaphthylene	14.20	152	29561	0.432	ng		97
17) Acenaphthene	14.54	154	17706	0.436	ng		100
18) Fluorene	15.51	166	26074	0.440	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	9831	0.485	ng	#	65
21) Hexachlorobenzene	16.52	284	9190	0.489	ng		93
22) Pentachlorophenol	16.85	266	3568	0.714	ng	#	75
23) Phenanthrene	17.25	178	47150	0.434	ng		99
24) Anthracene	17.35	178	43020	0.419	ng		99
26) Fluoranthene	19.27	202	60289	0.394	ng		99
28) Pyrene	19.63	202	61977	0.425	ng		98
30) Benzo(a)anthracene	21.37	228	63846	0.421	ng		97
31) Chrysene	21.43	228	64506	0.426	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	96031	0.489	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	71247	0.438	ng		99
35) Benzo(b)fluoranthene	23.12	252	63485	0.400	ng		98
36) Benzo(k)fluoranthene	23.17	252	64378	0.414	ng		97
37) Benzo(a)pyrene	23.78	252	59262	0.404	ng	#	95
38) Dibenzo(a,h)anthracene	26.58	278	58272	0.408	ng		94
39) Benzo(g,h,i)perylene	27.37	276	58708	0.401	ng		97

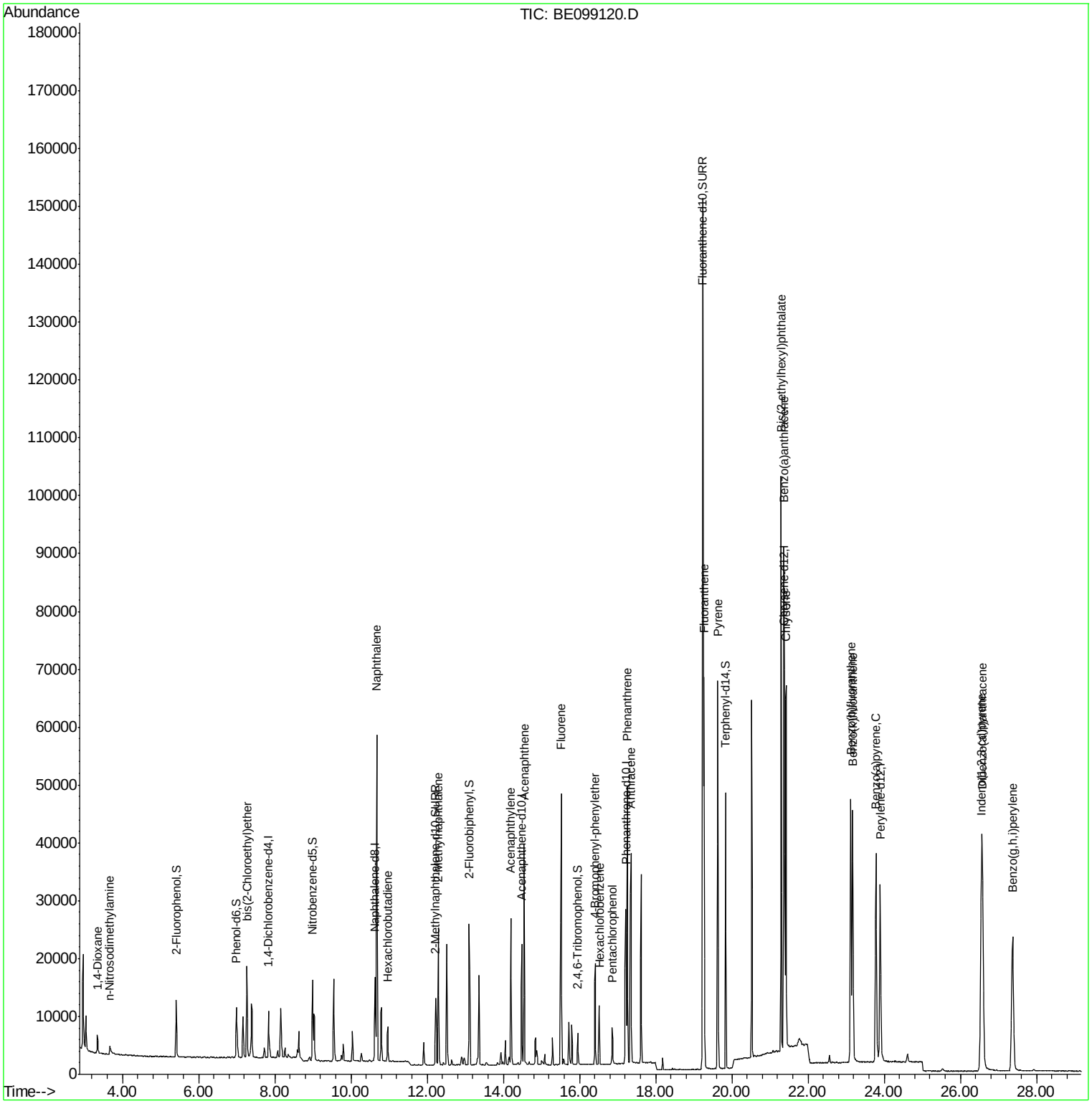
(#) = qualifier out of range (m) = manual integration (+) = signals summed

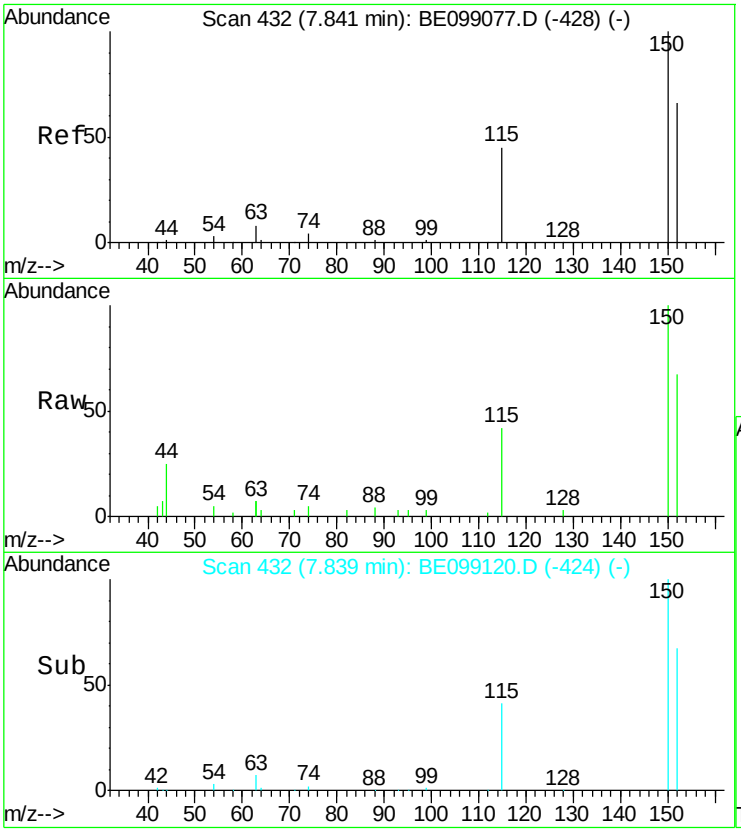
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099120.D
Acq On : 23 Mar 2019 20:08
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 23 22:37:25 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



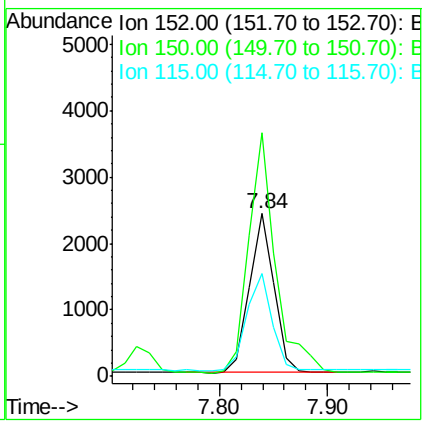


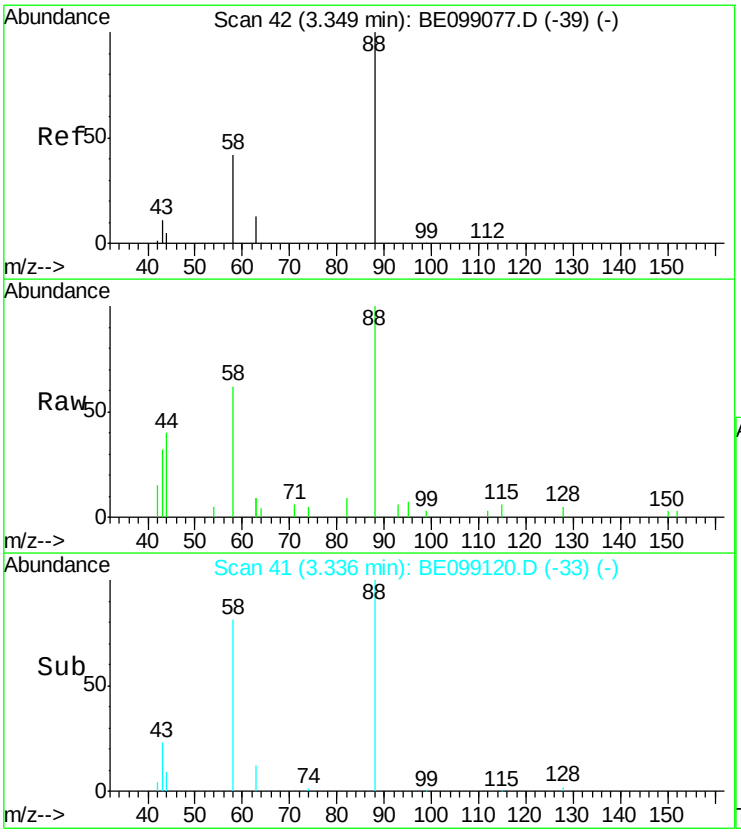
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3806

Ion	Ratio	Lower	Upper
152	100		
150	149.5	122.5	183.7
115	63.4	57.4	86.2

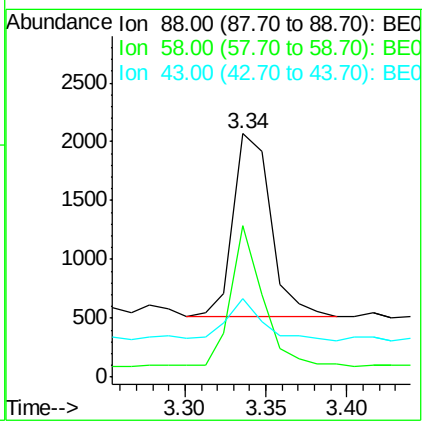


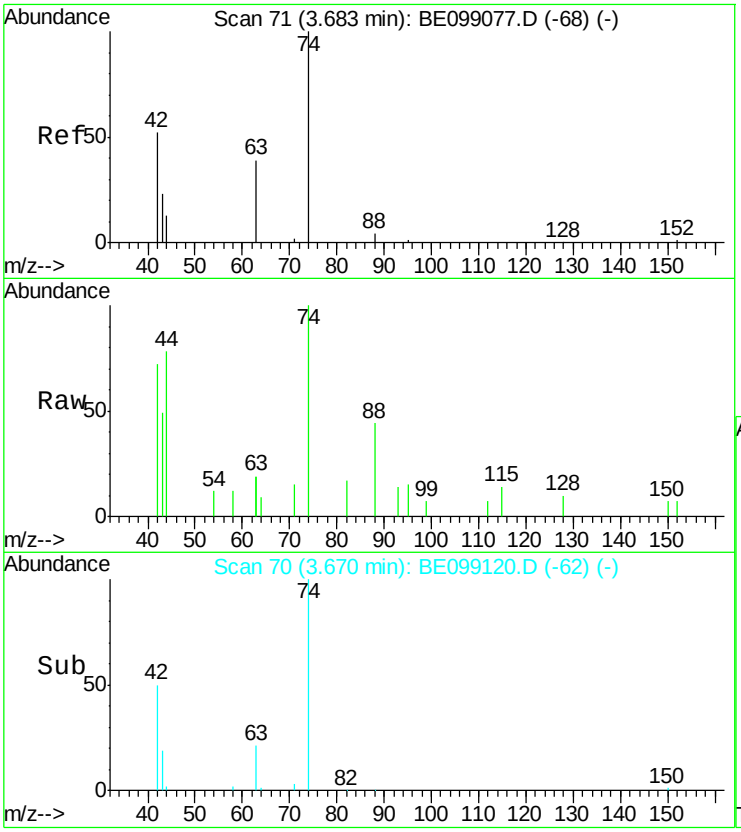


#2
1,4-Dioxane
Concen: 0.423 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion: 88 Resp: 2500

Ion	Ratio	Lower	Upper
88	100		
58	65.2	52.0	78.0
43	25.6	24.0	36.0



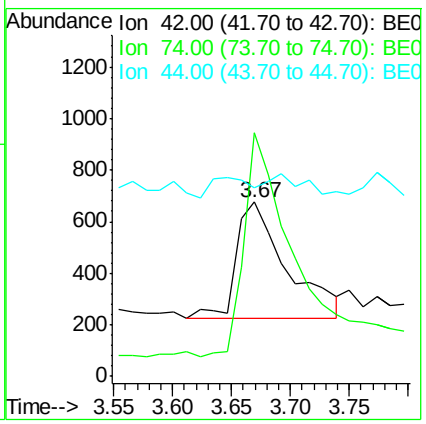


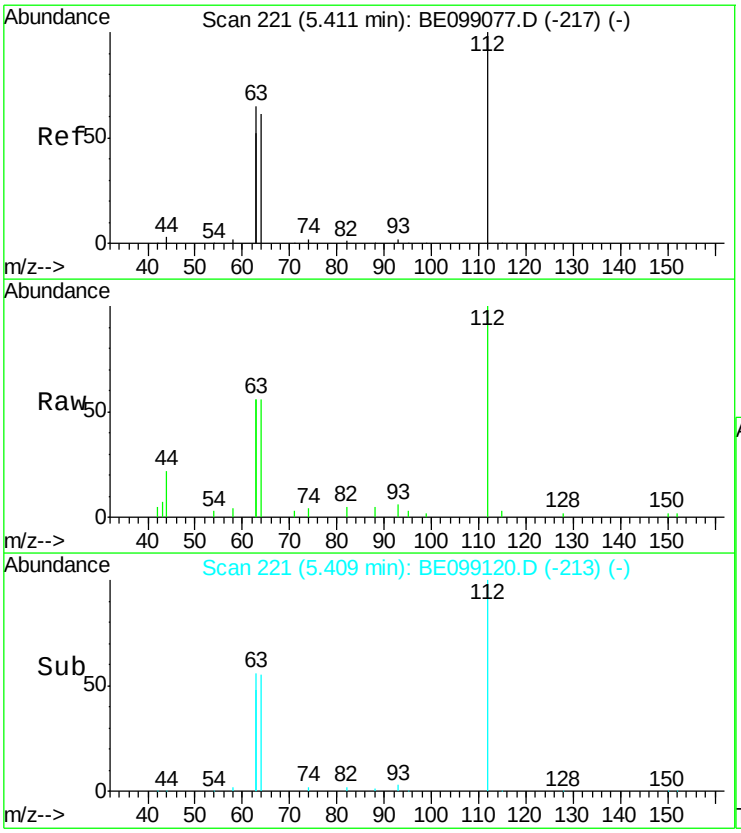
#3
n-Nitrosodimethylamine
Concen: 0.446 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1359

Ion	Ratio	Lower	Upper
42	100		
74	175.5	160.0	240.0
44	0.0	0.0	0.0

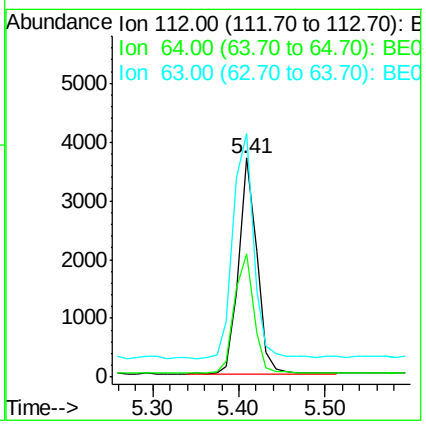


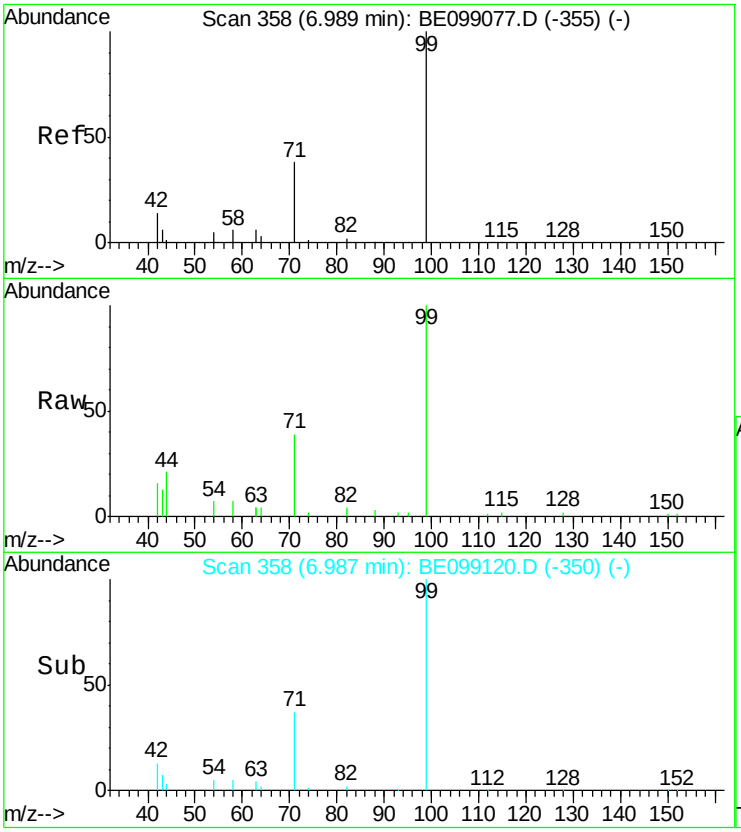


#4
2-Fluorophenol
Concen: 0.477 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:112 Resp: 5402

Ion	Ratio	Lower	Upper
112	100		
64	58.1	57.9	86.9
63	117.0	158.3	237.5#



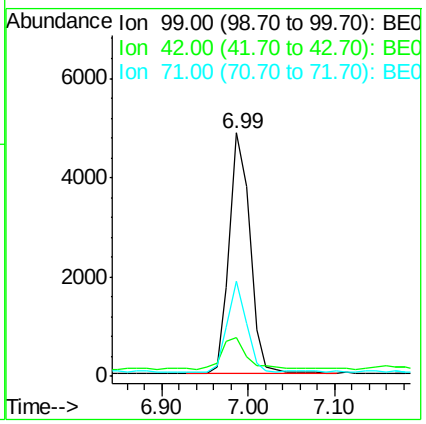


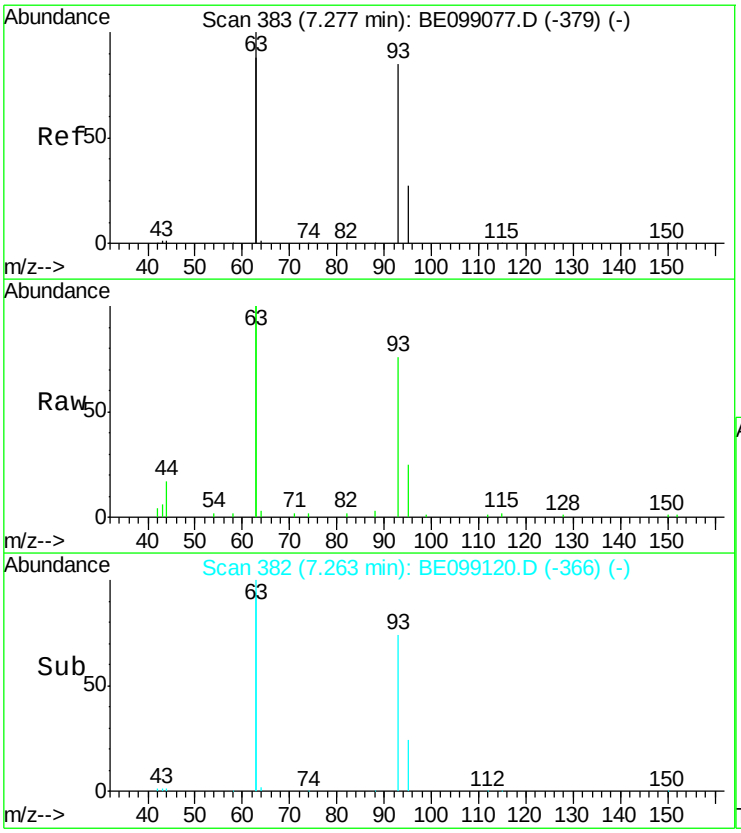
#5
Phenol-d6
Concen: 0.495 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8084

Ion	Ratio	Lower	Upper
99	100		
42	15.1	24.2	36.2#
71	34.8	35.7	53.5#

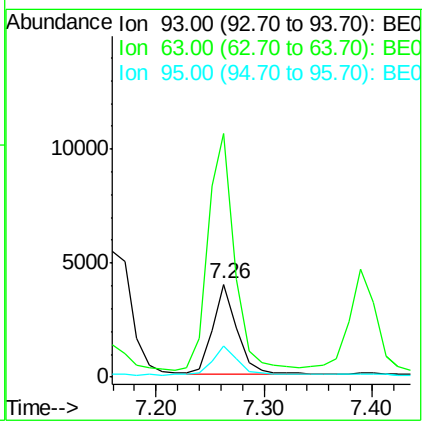


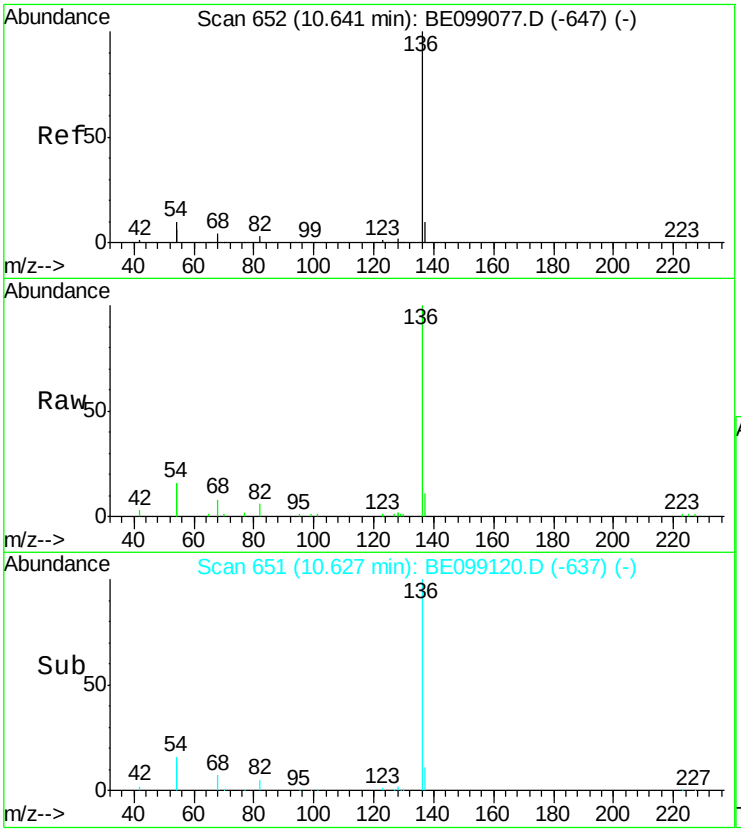


#6
bis(2-Chloroethyl)ether
Concen: 0.465 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion: 93 Resp: 6169

Ion	Ratio	Lower	Upper
93	100		
63	285.7	247.5	371.3
95	33.2	21.8	32.8#



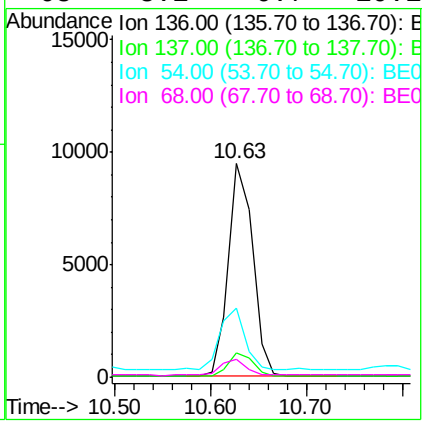


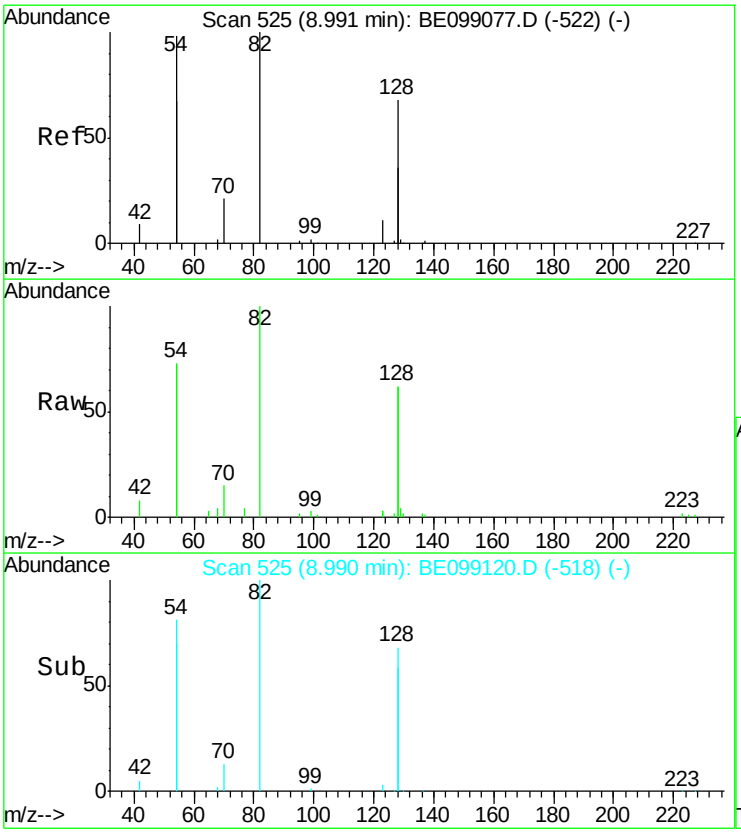
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16571

Ion	Ratio	Lower	Upper
136	100		
137	11.4	11.4	17.0
54	32.6	39.3	58.9#
68	8.1	6.7	10.1

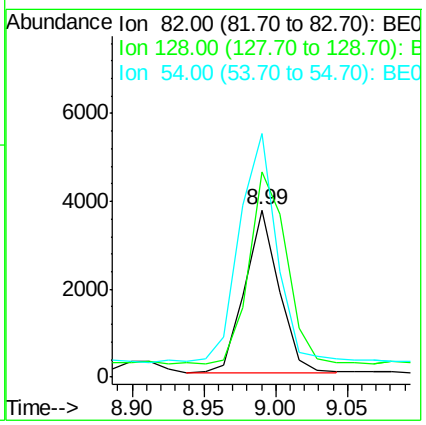


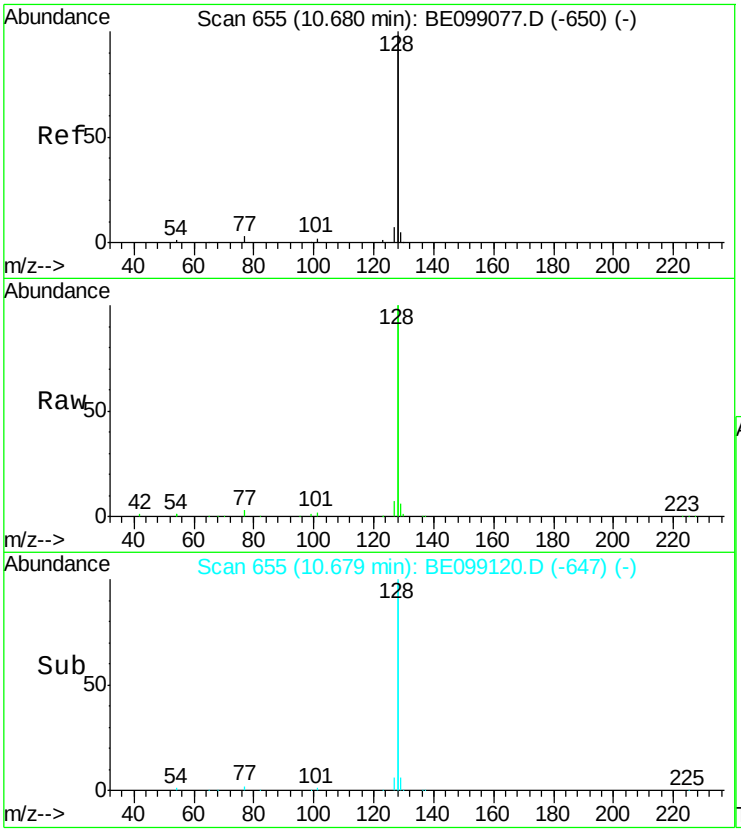


#8
Nitrobenzene-d5
Concen: 0.837 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion: 82 Resp: 6065

Ion	Ratio	Lower	Upper
82	100		
128	123.2	123.8	185.8#
54	145.9	203.4	305.2#



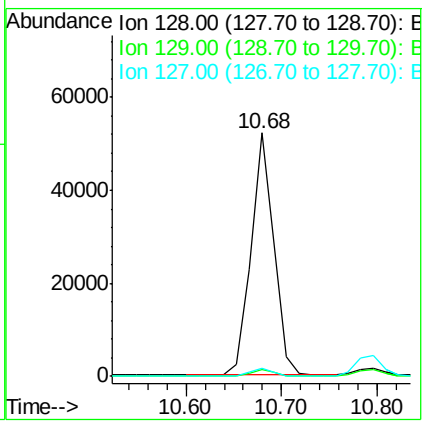


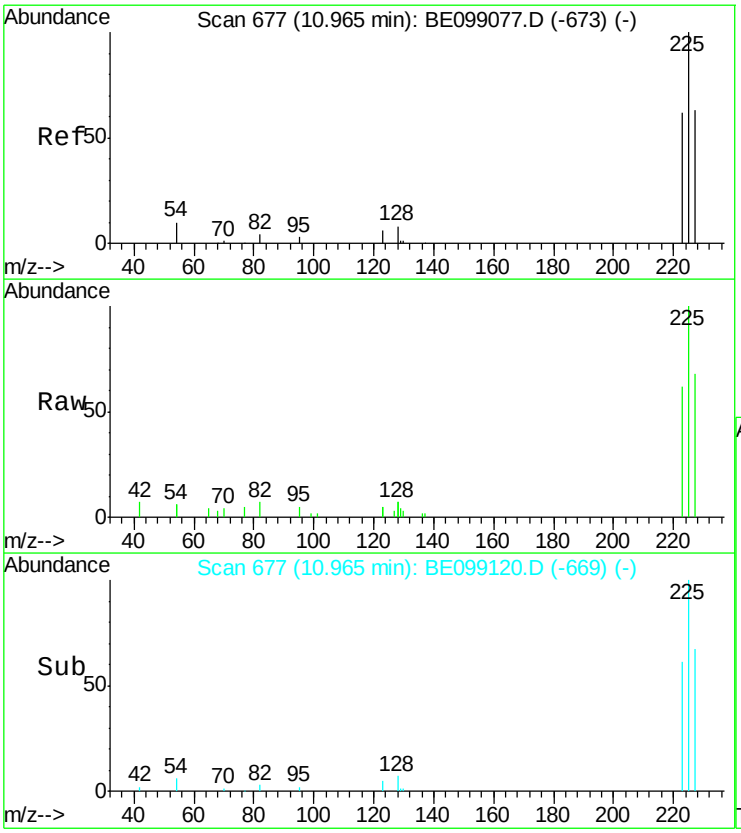
#9
Naphthalene
Concen: 0.442 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 86281

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.3	3.1	4.7

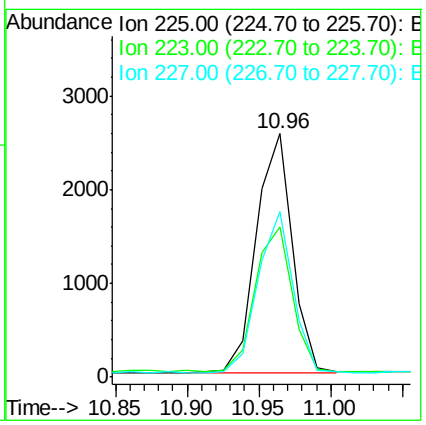


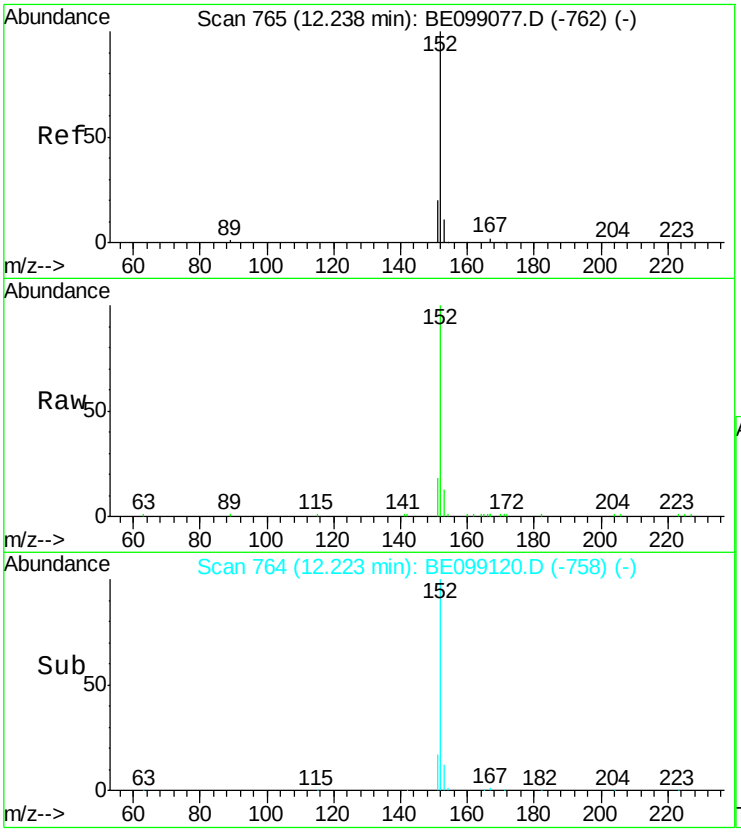


#10
Hexachlorobutadiene
Concen: 0.463 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:225 Resp: 4419

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	65.5	51.6	77.4



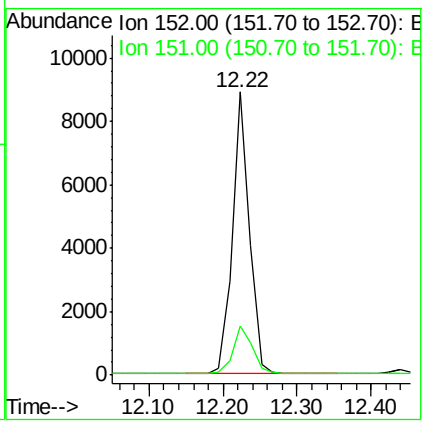


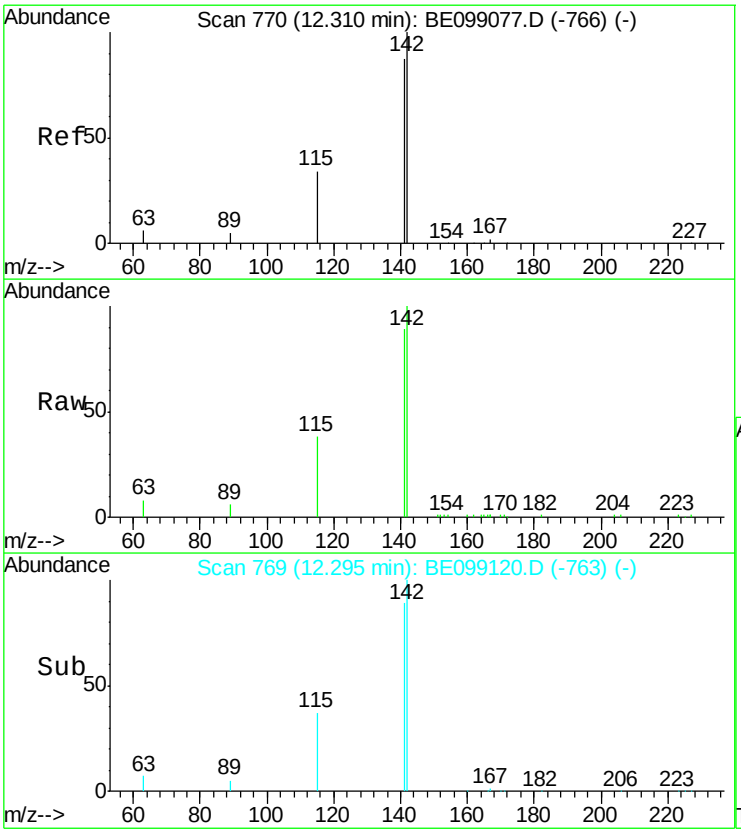
#11
2-Methylnaphthalene-d10
Concen: 0.472 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14096

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7

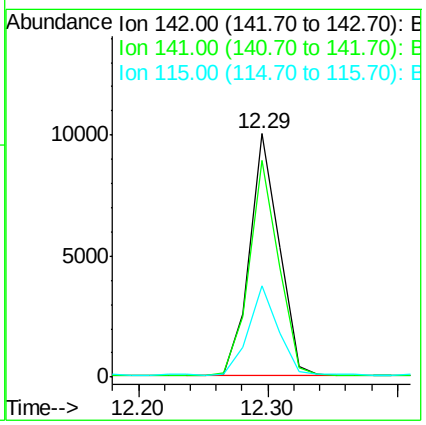


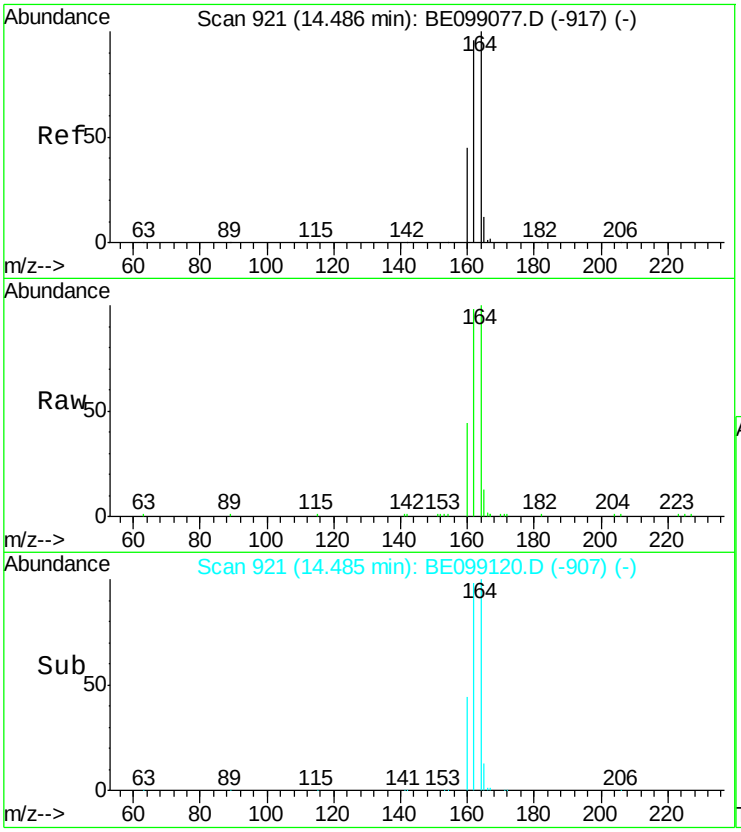


#12
2-Methylnaphthalene
Concen: 0.472 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:142 Resp: 15787

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8
115	37.5	37.4	56.2



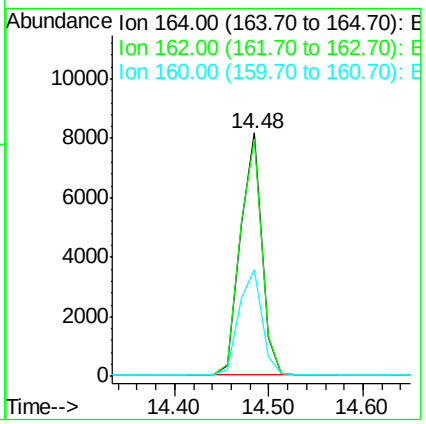


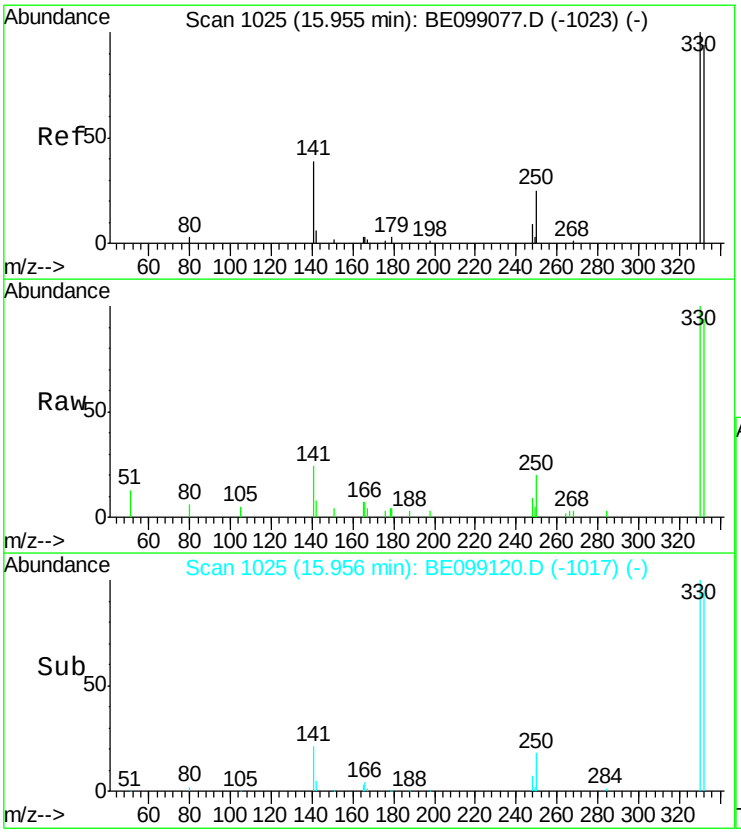
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 12823

Ion	Ratio	Lower	Upper
164	100		
162	97.6	80.2	120.2
160	44.0	37.8	56.8

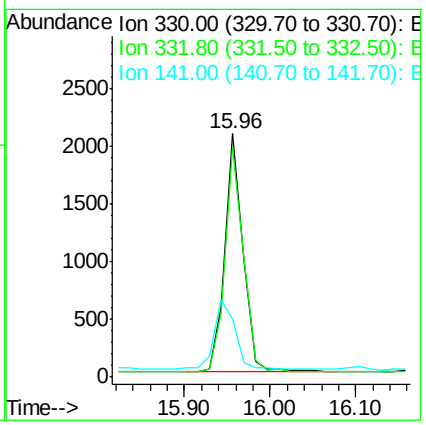


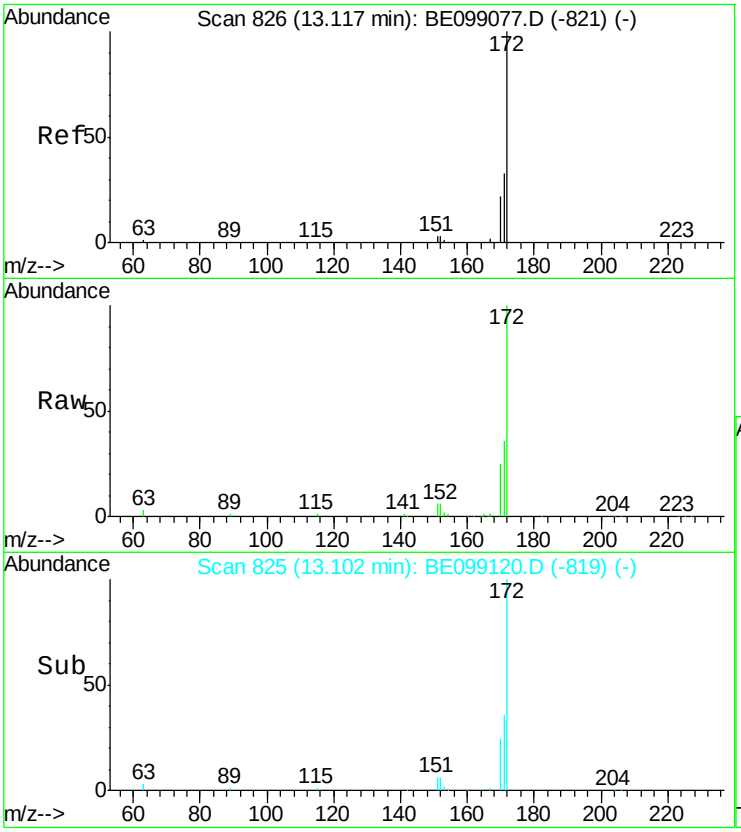


#14
2,4,6-Tribromophenol
Concen: 0.804 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:330 Resp: 3032

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	33.2	31.0	46.4



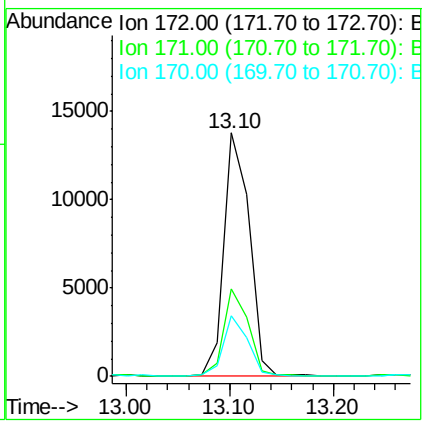


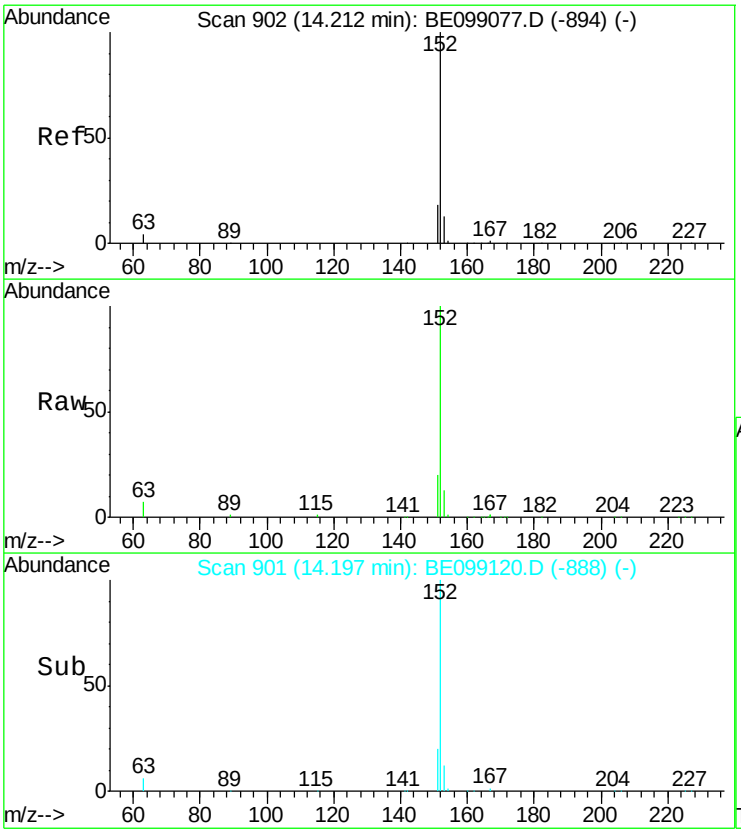
#15
2-Fluorobiphenyl
Concen: 0.455 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 23200

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	24.7	17.7	26.5

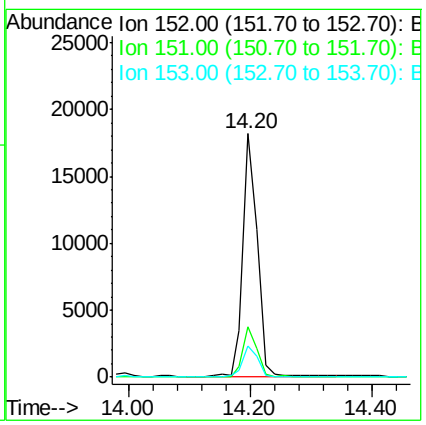


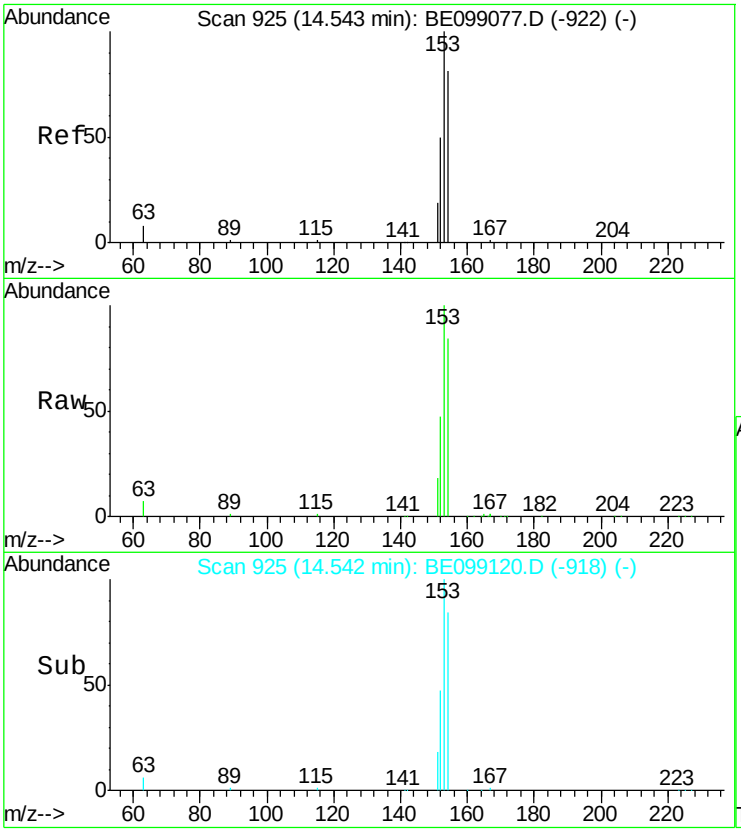


#16
Acenaphthylene
Concen: 0.432 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:152 Resp: 29561

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.0	25.6
153	12.7	11.2	16.8



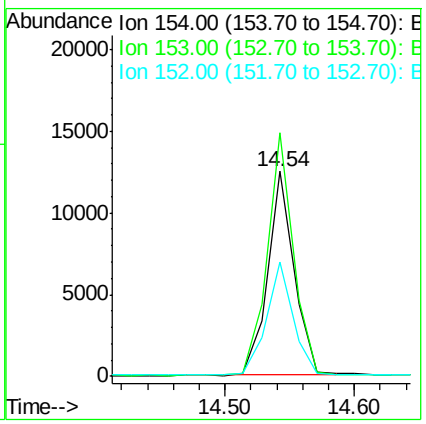


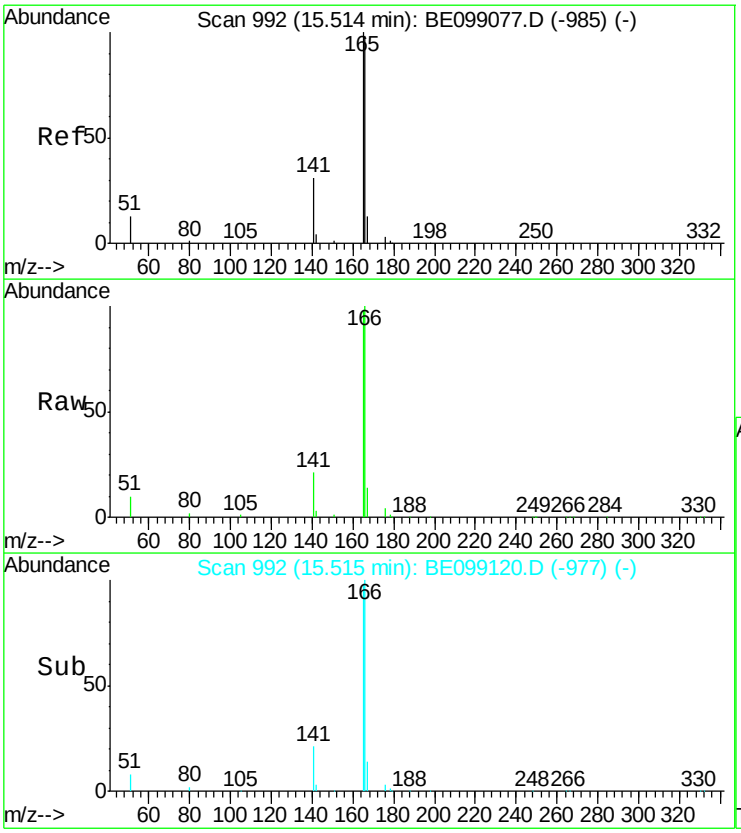
#17
Acenaphthene
Concen: 0.436 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 17706

Ion	Ratio	Lower	Upper
154	100		
153	117.5	94.2	141.4
152	56.7	45.0	67.4

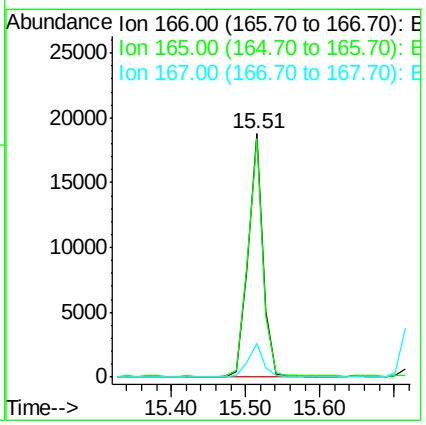


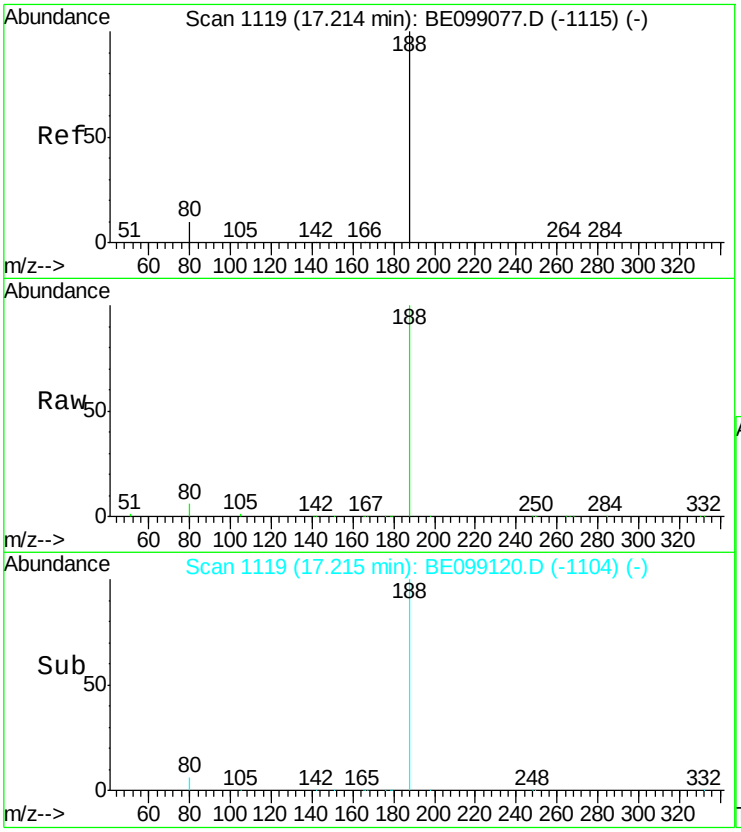


#18
Fluorene
Concen: 0.440 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:166 Resp: 26074

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	13.5	10.5	15.7



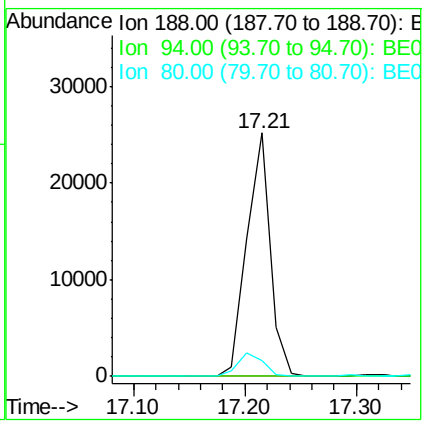


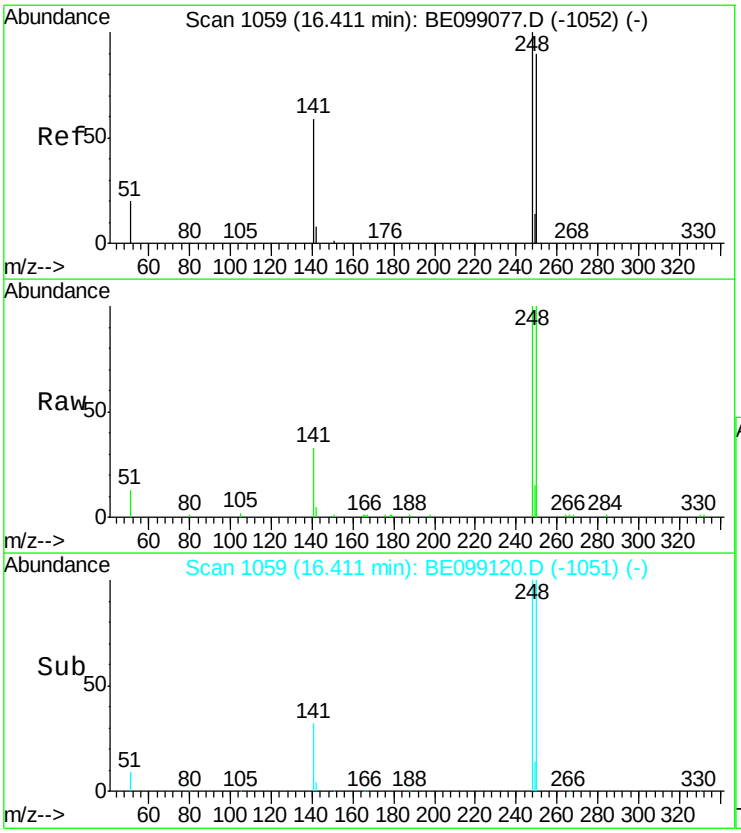
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 36588

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.3	9.5

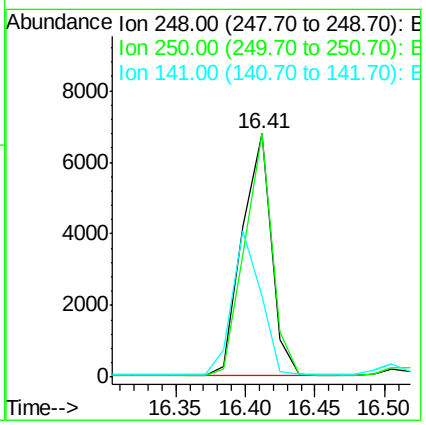


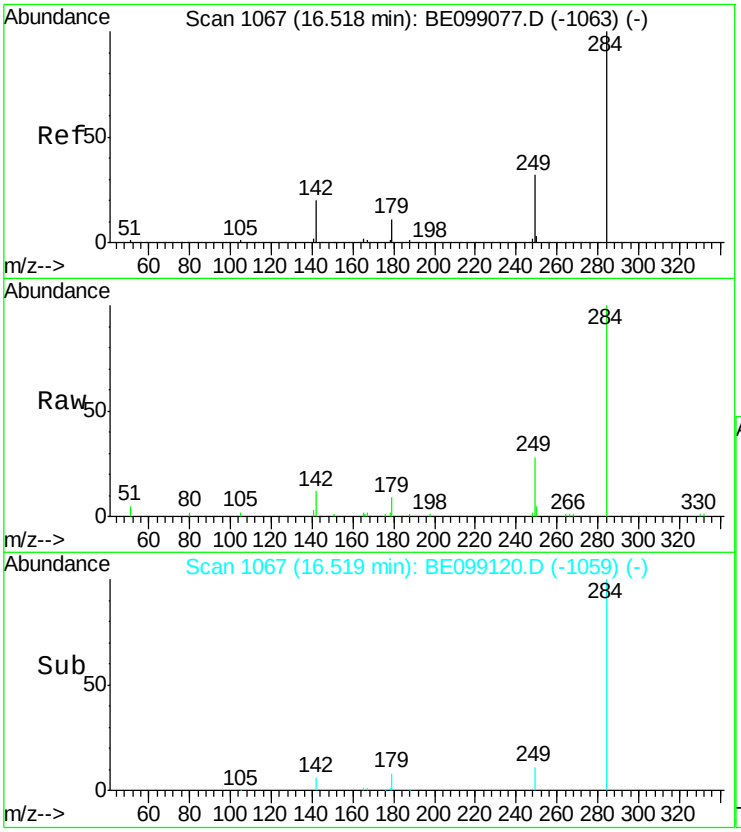


#20
4-Bromophenyl-phenylether
Concen: 0.485 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:248 Resp: 9831

Ion	Ratio	Lower	Upper
248	100		
250	100.0	70.6	105.8
141	33.3	68.6	102.8#



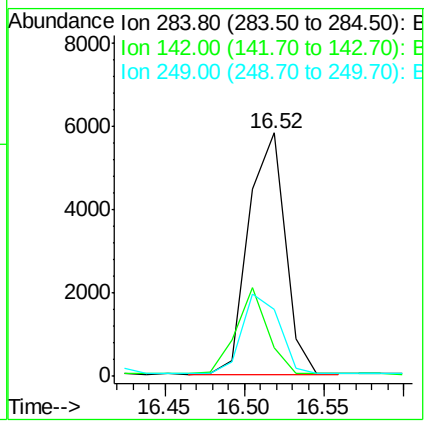


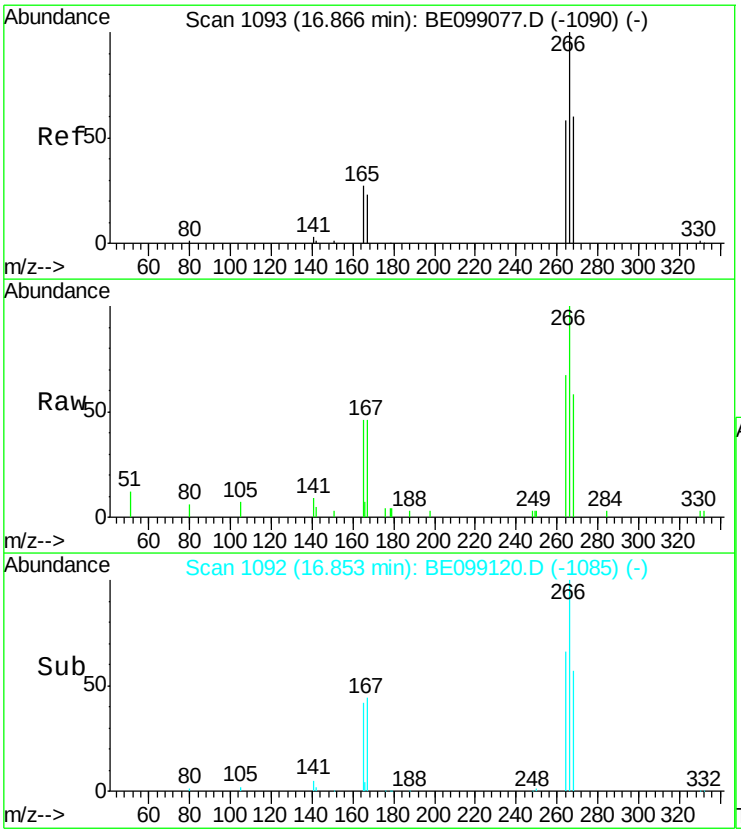
#21
Hexachlorobenzene
Concen: 0.489 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9190

Ion	Ratio	Lower	Upper
284	100		
142	31.0	28.7	43.1
249	34.0	29.6	44.4

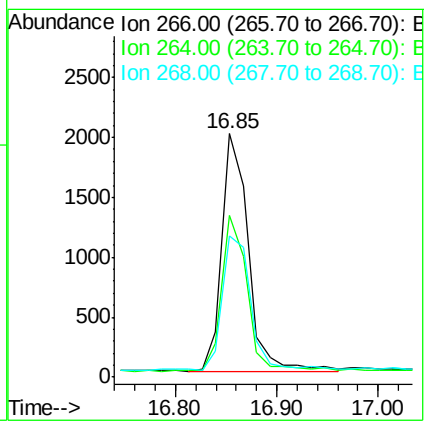


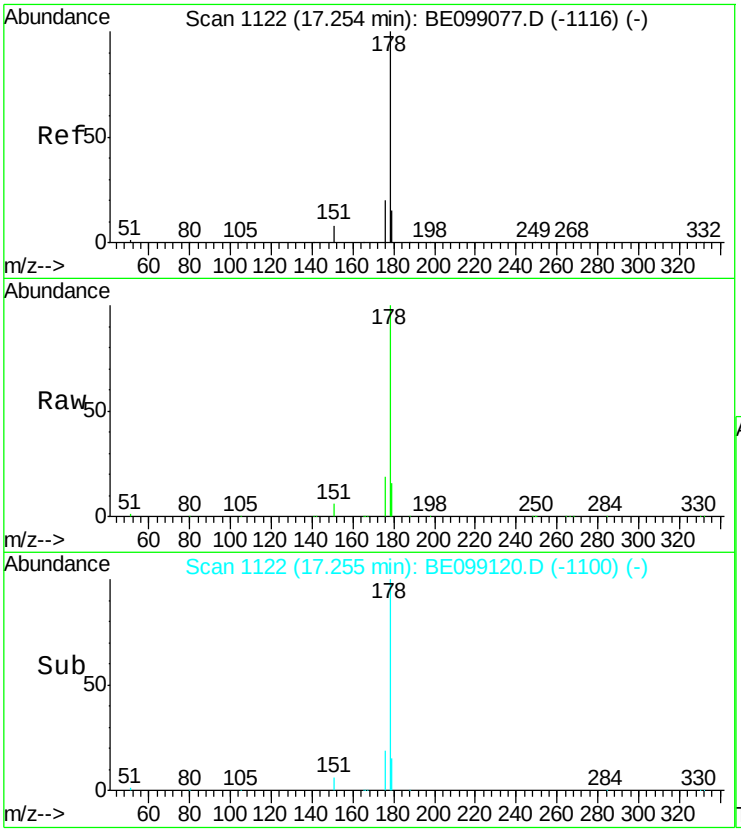


#22
Pentachlorophenol
Concen: 0.714 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:266 Resp: 3568

Ion	Ratio	Lower	Upper
266	100		
264	66.6	66.6	100.0#
268	57.9	69.8	104.8#



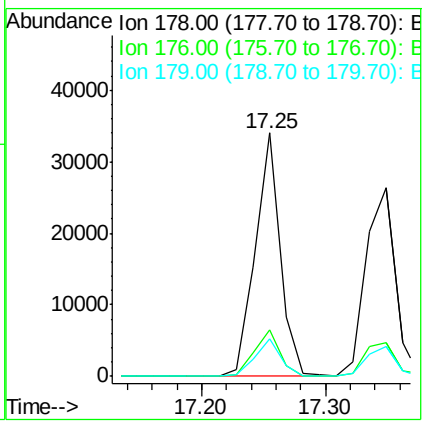


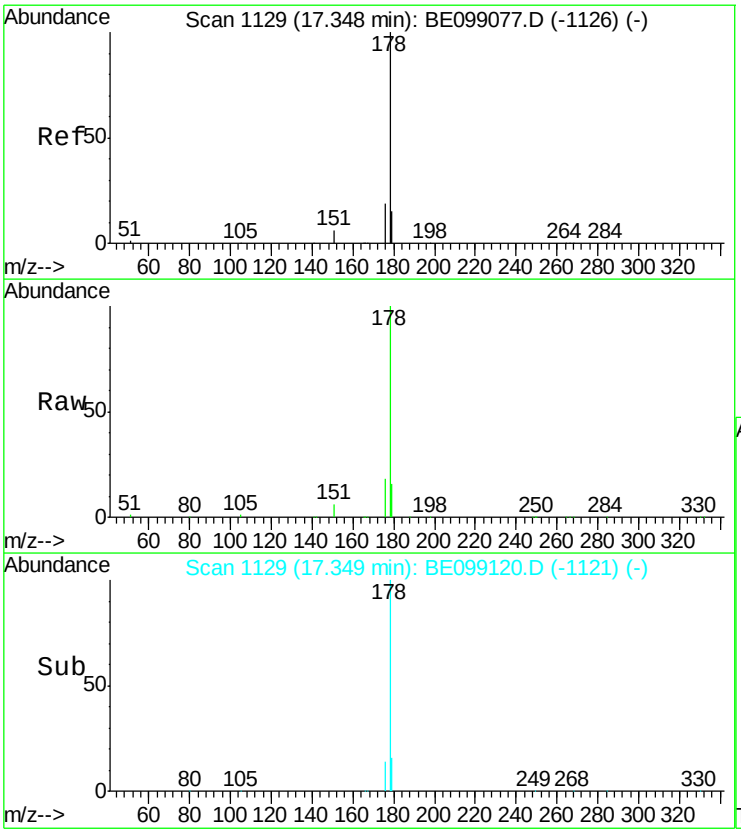
#23
Phenanthrene
Concen: 0.434 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 47150

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.7	12.1	18.1

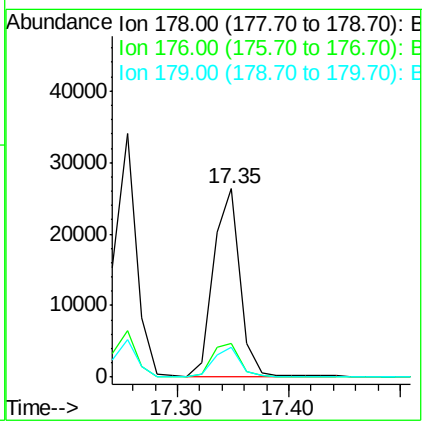


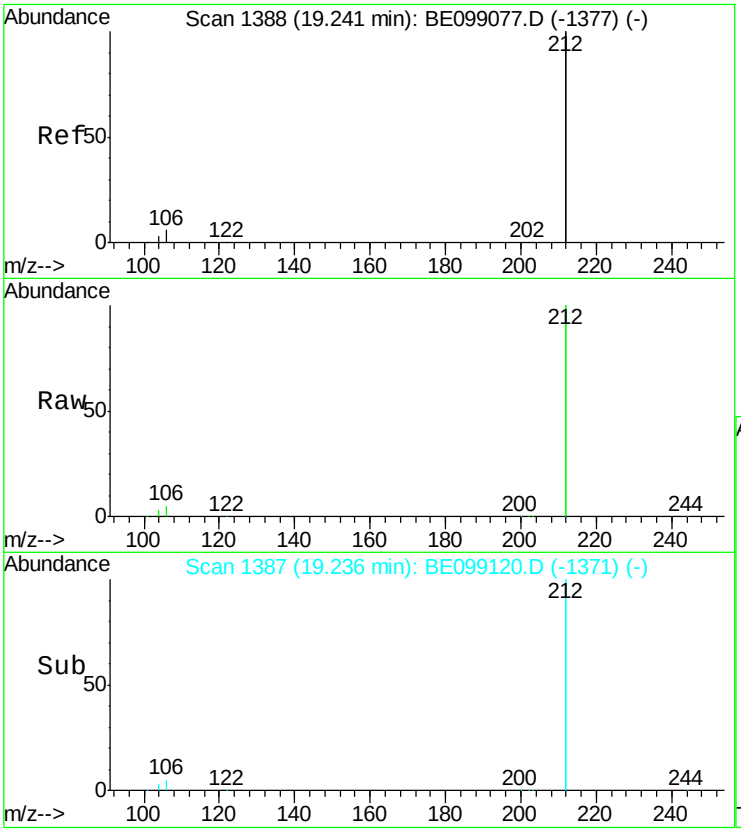


#24
Anthracene
Concen: 0.419 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:178 Resp: 43020

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.2	18.4



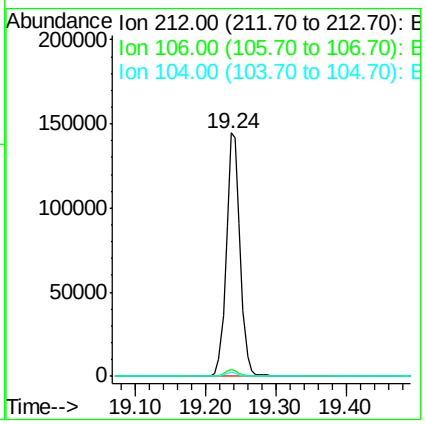


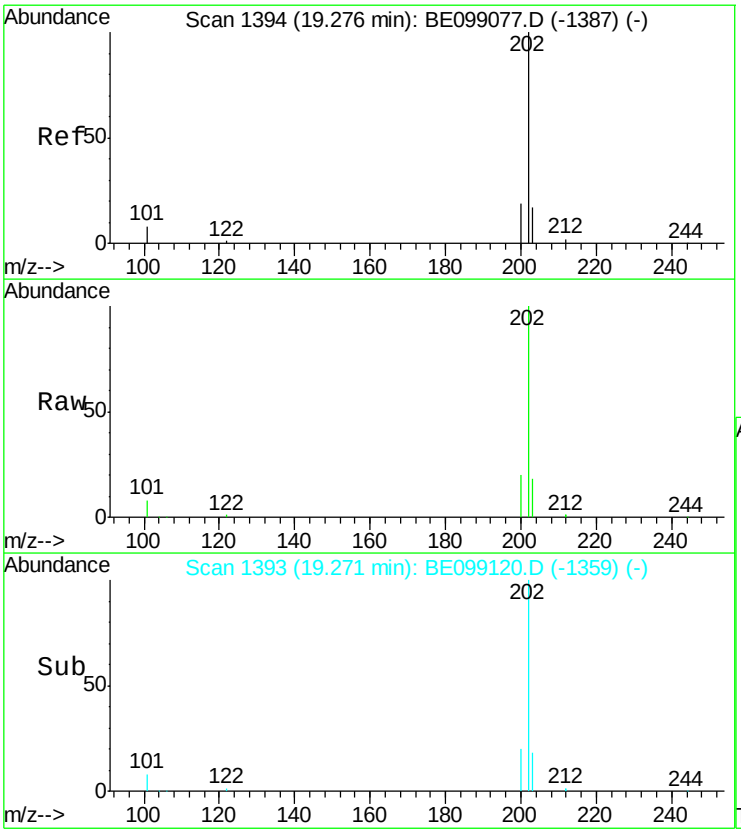
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 197385

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.4	1.0	1.6

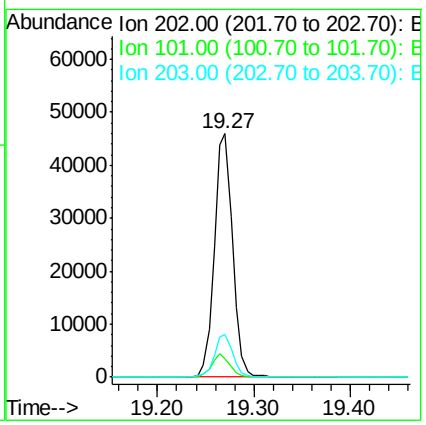


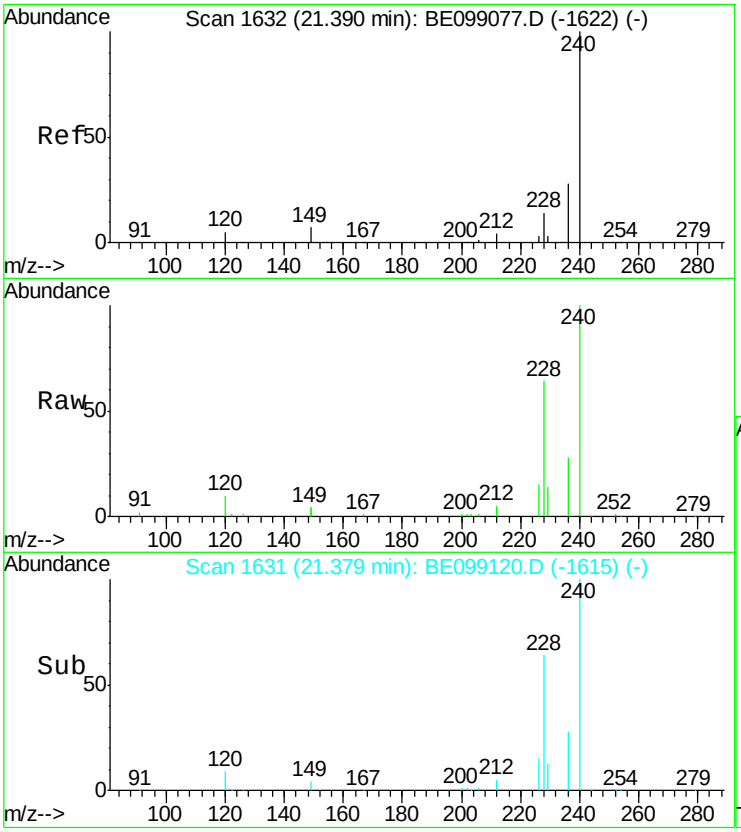


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:202 Resp: 60289

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.2	13.4	20.2



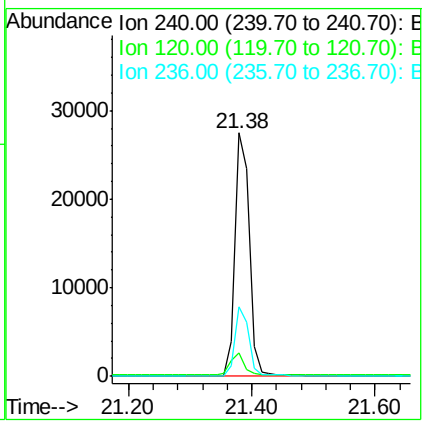


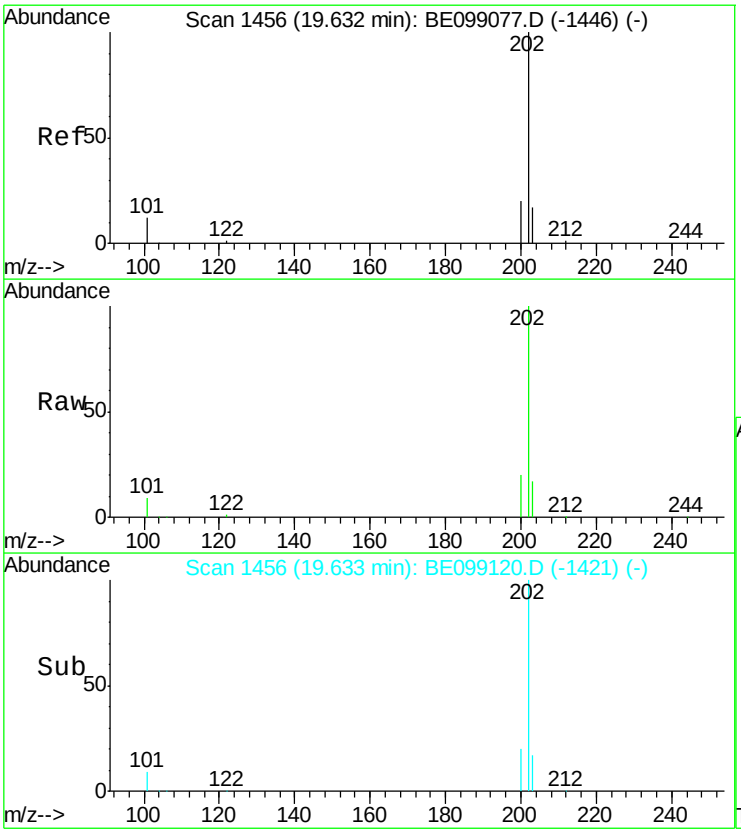
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 42994

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.0	7.4#
236	28.5	22.7	34.1

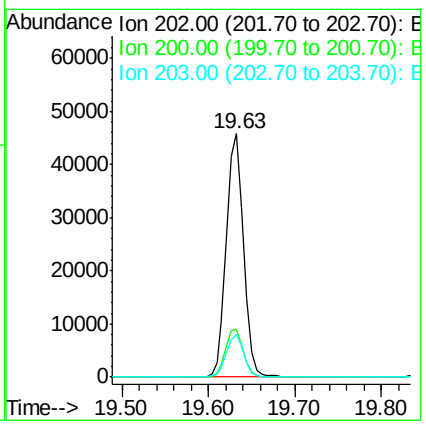


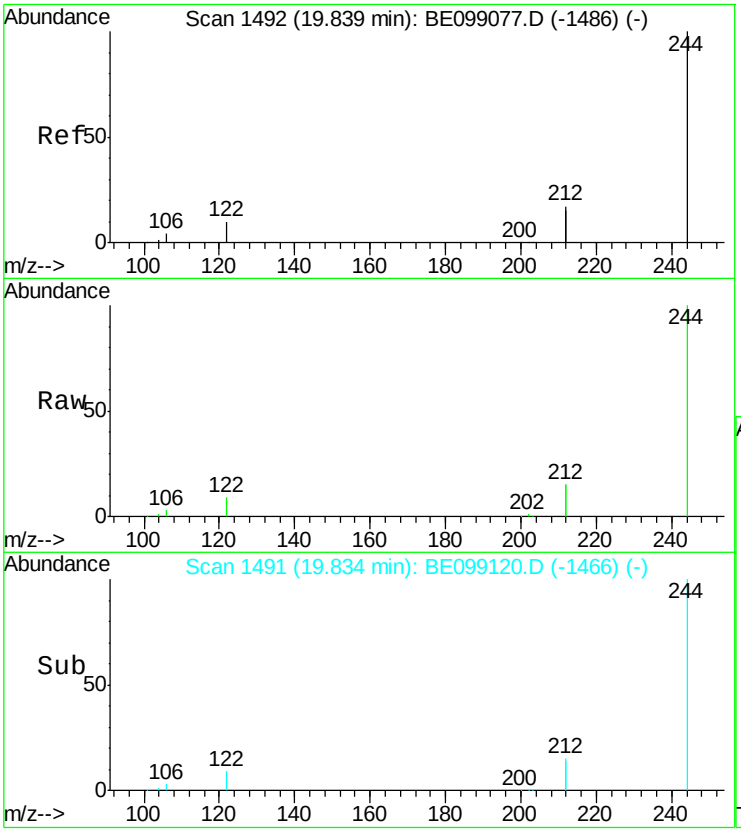


#28
Pyrene
Concen: 0.425 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:202 Resp: 61977

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



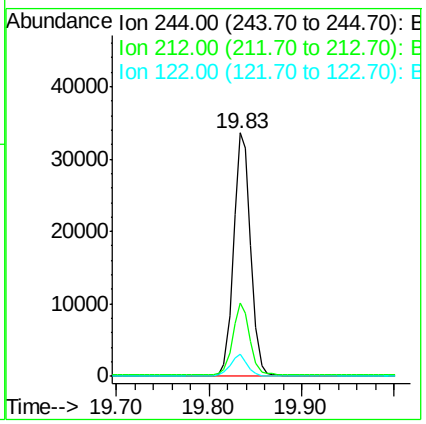


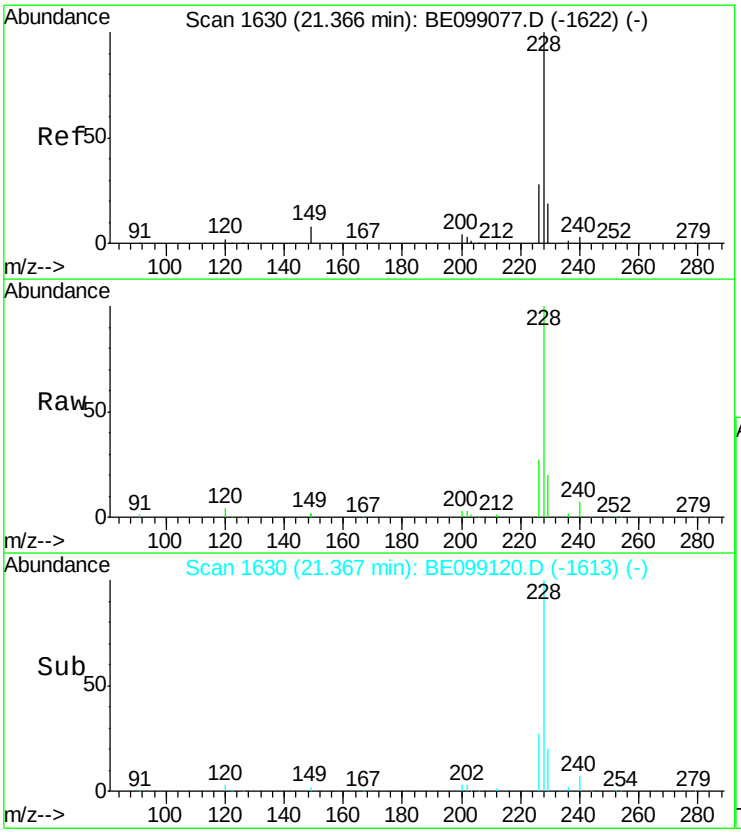
#29
Terphenyl-d14
Concen: 0.472 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 42919

Ion	Ratio	Lower	Upper
244	100		
212	29.9	29.4	44.2
122	8.9	7.1	10.7

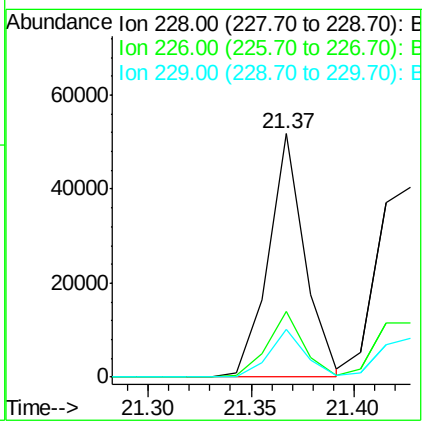


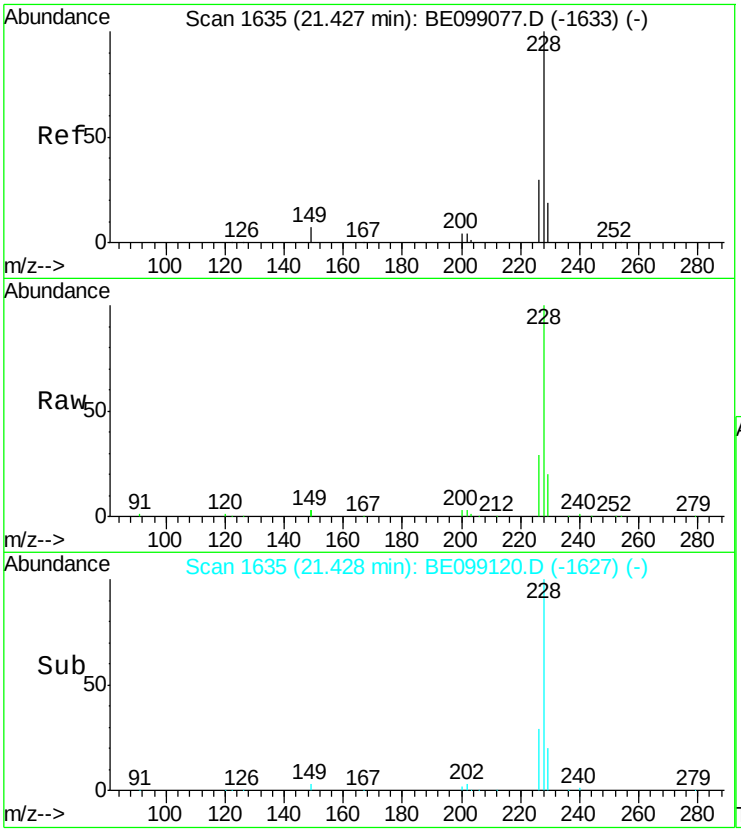


#30
Benzo(a)anthracene
Concen: 0.421 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:228 Resp: 63846

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	19.7	16.5	24.7



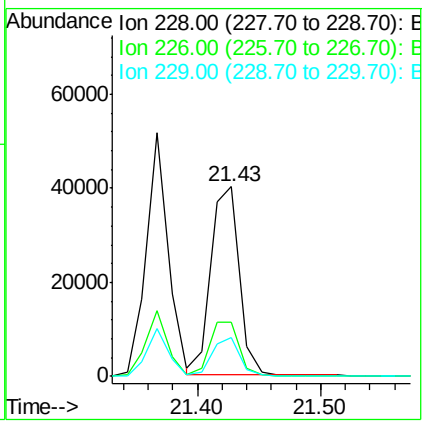


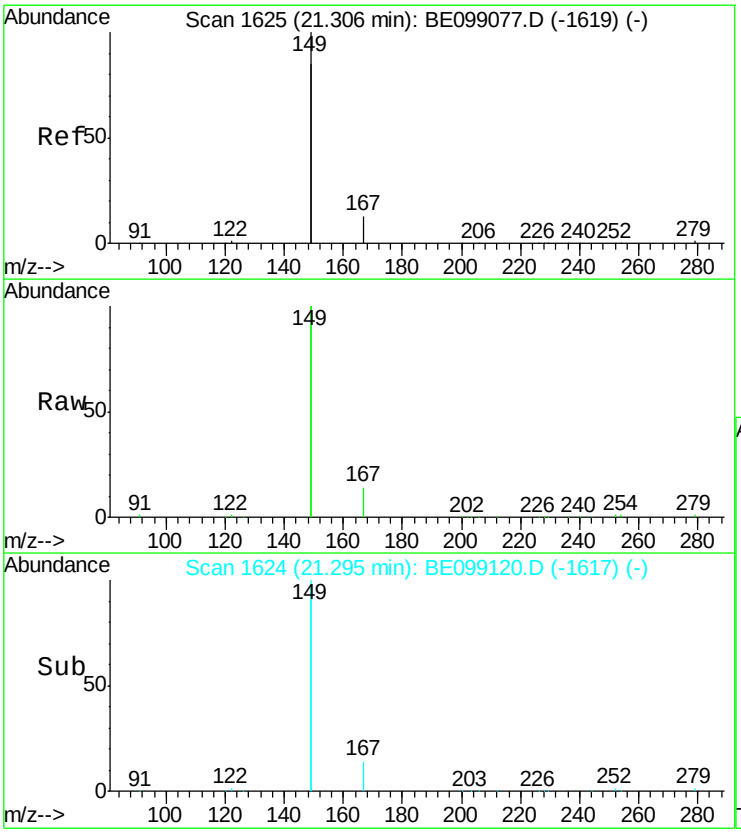
#31
Chrysene
Concen: 0.426 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 64506

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.7	35.5
229	20.4	16.1	24.1

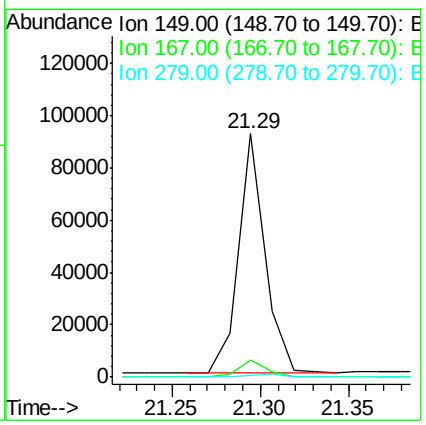


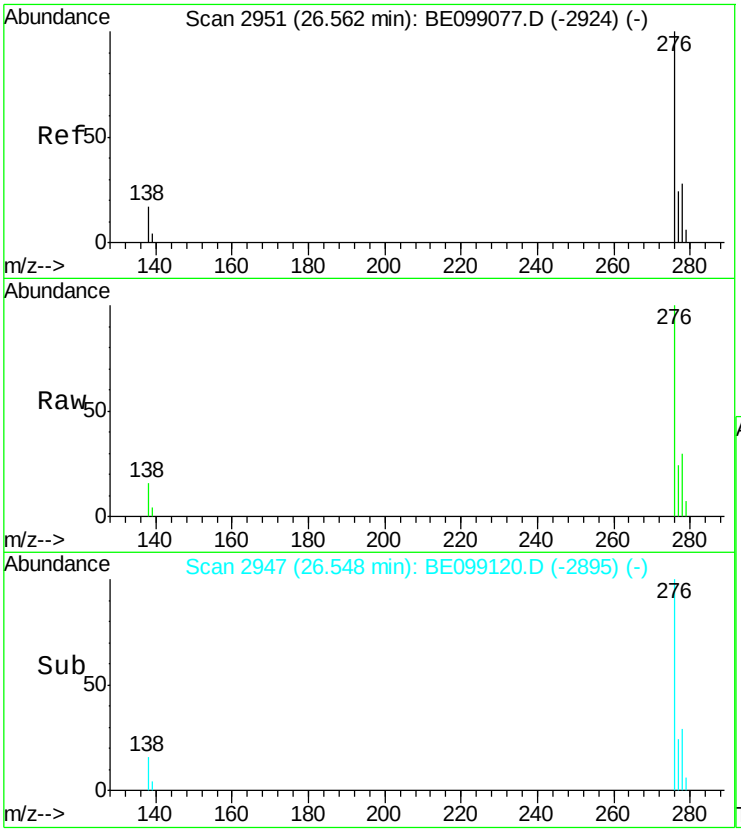


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.489 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:149 Resp: 96031

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.0	1.0	1.4



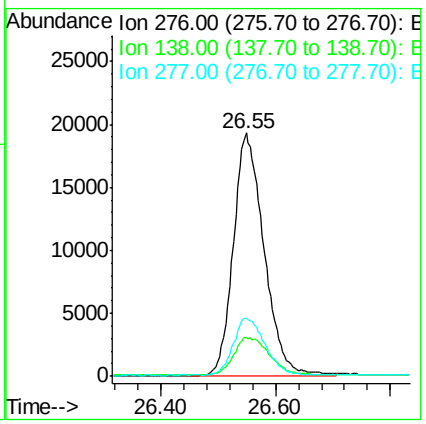


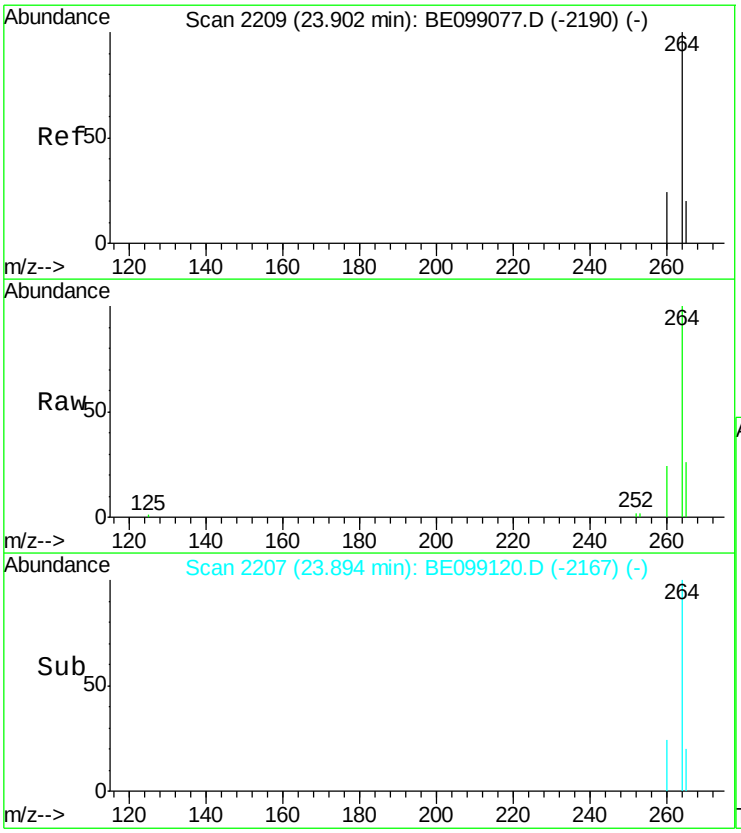
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 71247

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.8	20.8
277	24.4	19.5	29.3

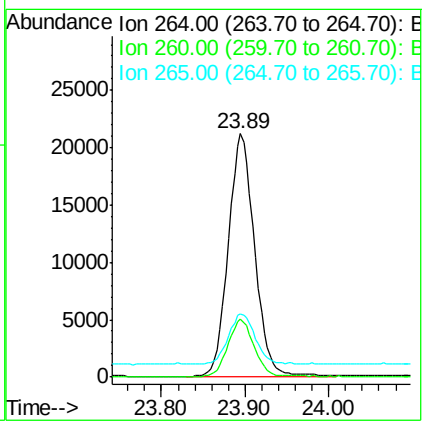


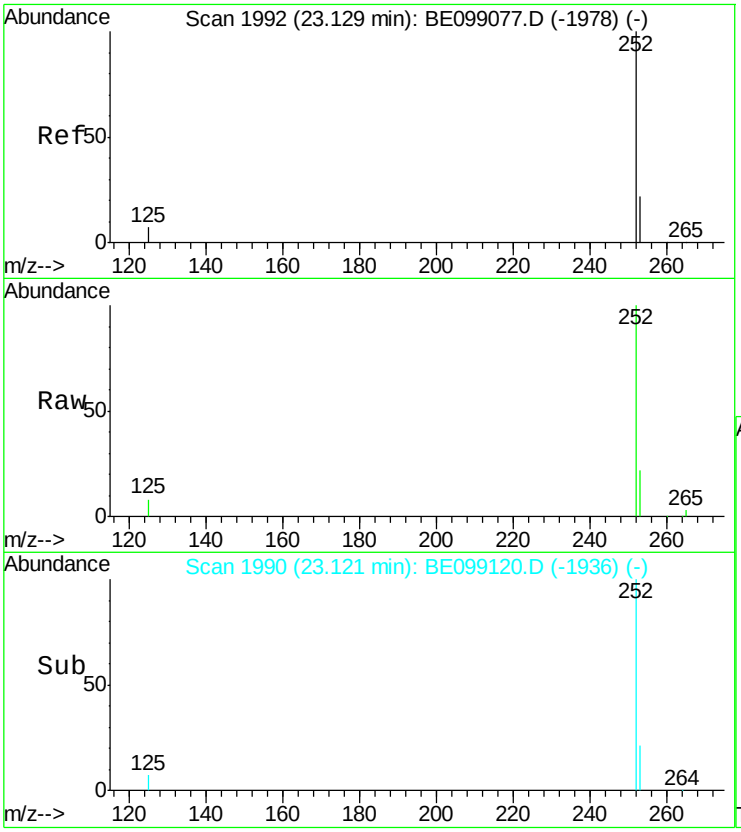


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:264 Resp: 45890

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.2	31.8
265	25.7	24.6	36.8



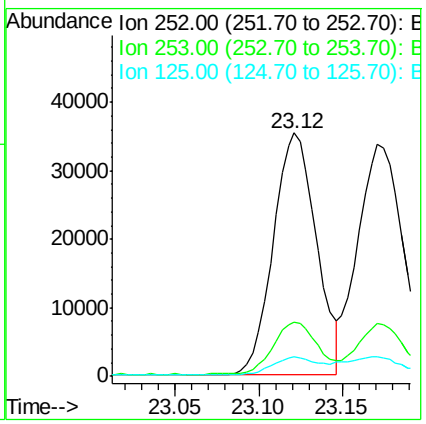


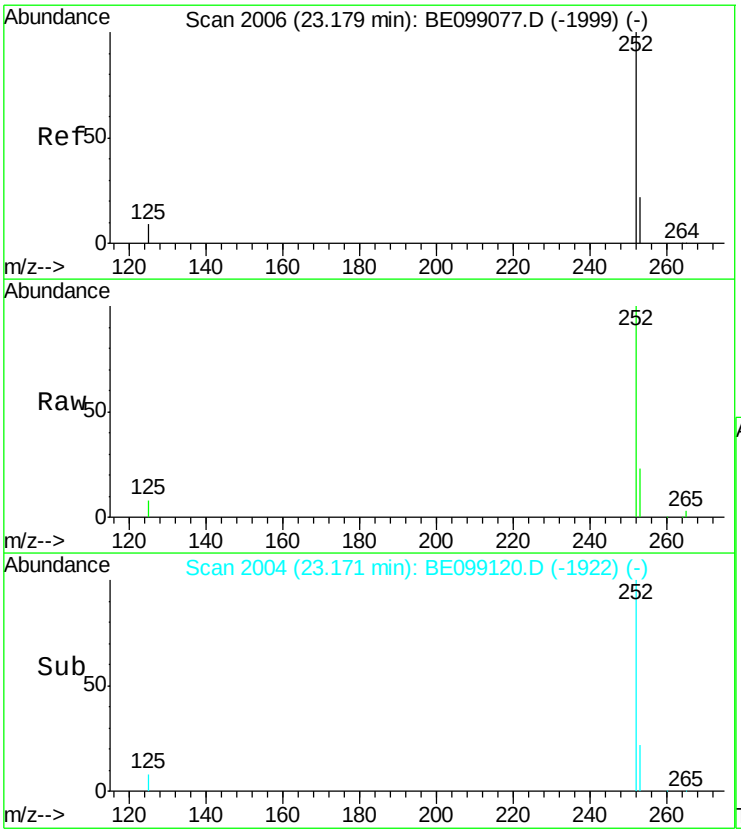
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 63485

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.9	7.3	10.9

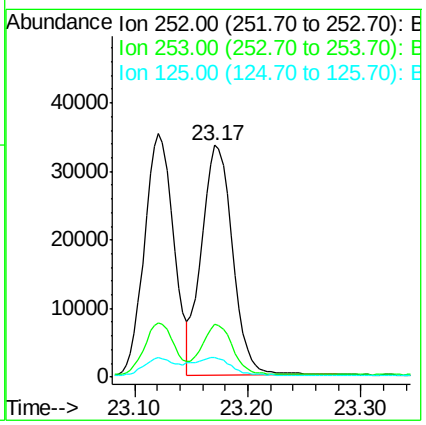


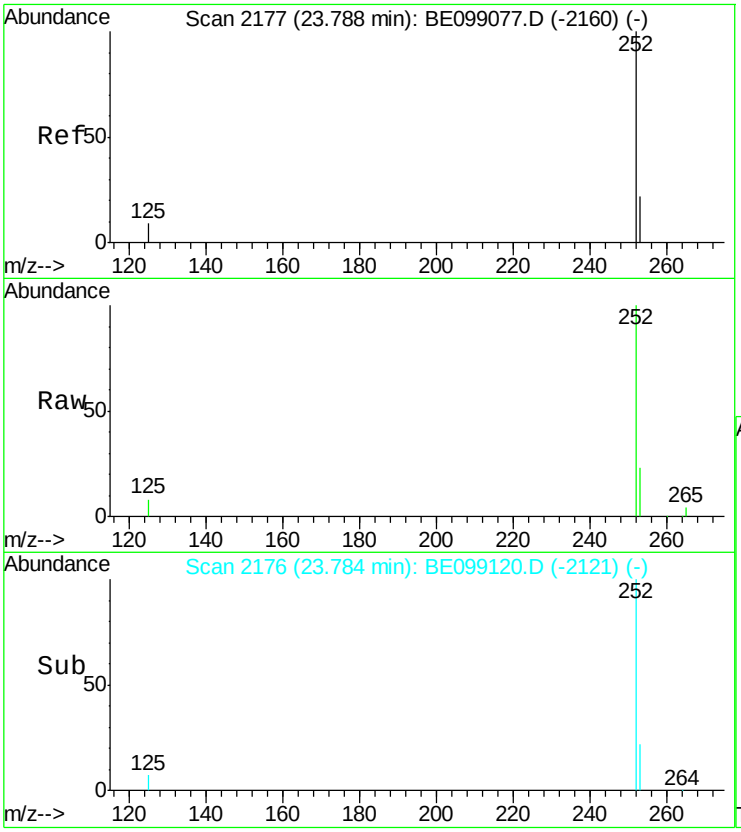


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:252 Resp: 64378

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	8.4	7.5	11.3



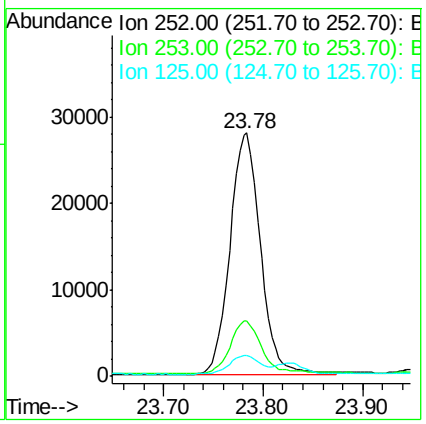


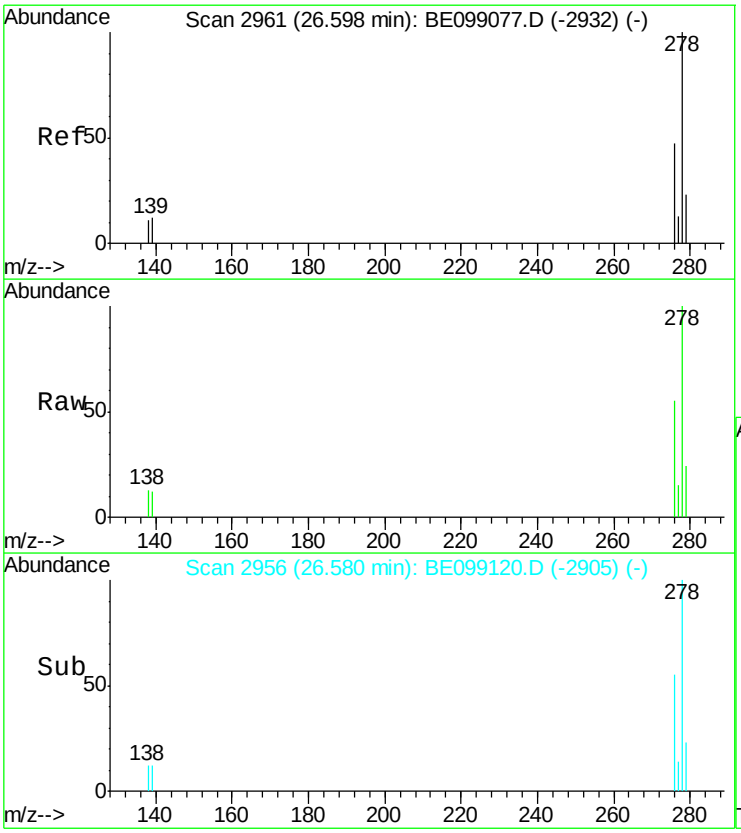
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 59262

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.9	29.9
125	8.4	9.0	13.4#

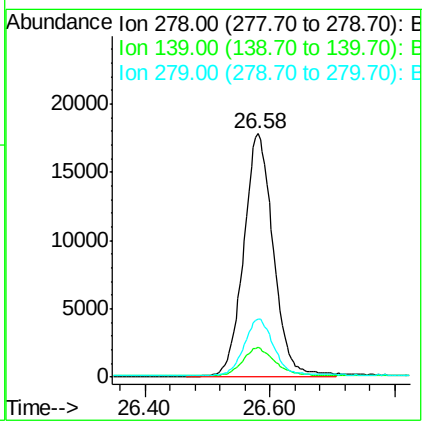


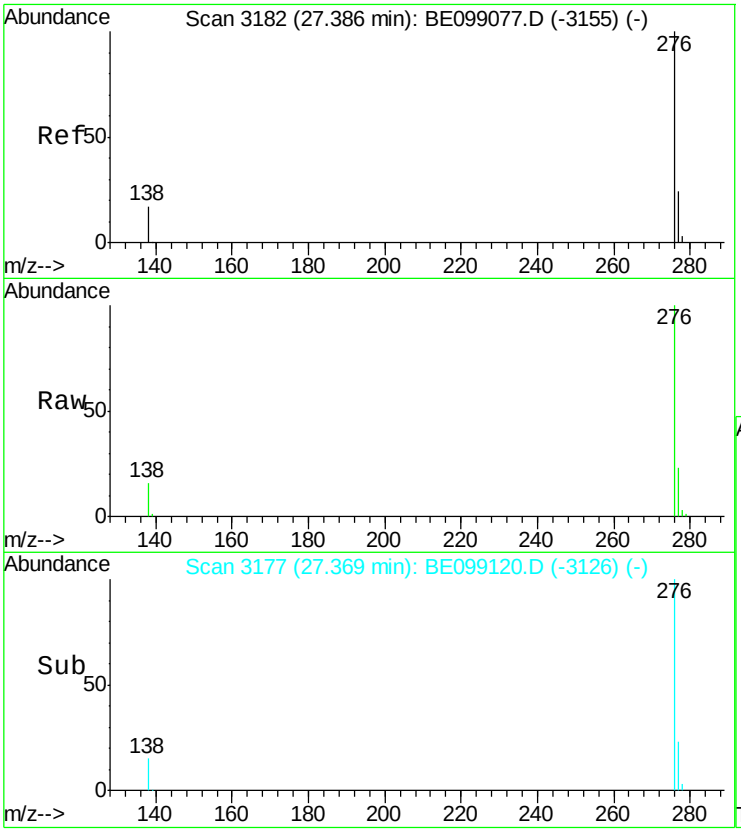


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:278 Resp: 58272

Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.8	17.6
279	23.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.401 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 58708

Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.4	30.6
138	15.9	13.6	20.4