Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099452.D
Acq On : 1 May 2019 7:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 01 07:51:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2716	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	11607	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	9171	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	26493	0.40	ng		0.00
27) Chrysene-d12	21.37	240	31298	0.40	ng		0.00
34) Perylene-d12	23.86	264	35286	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3246	0.43	ng		0.00
5) Phenol-d6	6.97	99	4947	0.50	ng		0.00
8) Nitrobenzene-d5	8.96	82	4453	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	8708	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2462	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	13488	0.39	ng		-0.01
25) Fluoranthene-d10	19.22	212	136038	0.38	ng		0.00
29) Terphenyl-d14	19.81	244	27504	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1374	0.368	ng	#	86
3) n-Nitrosodimethylamine	3.63	42	868	0.385	ng	#	88
6) bis(2-Chloroethyl)ether	7.23	93	3449	0.400	ng		99
9) Naphthalene	10.65	128	52241	0.413	ng		100
10) Hexachlorobutadiene	10.93	225	3473	0.395	ng		99
12) 2-Methylnaphthalene	12.27	142	9364	0.426	ng		96
16) Acenaphthylene	14.18	152	18325	0.408	ng		99
17) Acenaphthene	14.51	154	10550	0.412	ng		98
18) Fluorene	15.49	166	15391	0.407	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	6273	0.407	ng		91
21) Hexachlorobenzene	16.49	284	6306	0.429	ng		99
22) Pentachlorophenol	16.84	266	2994	0.554	ng		96
23) Phenanthrene	17.23	178	27612	0.404	ng		99
24) Anthracene	17.32	178	27135	0.416	ng		100
26) Fluoranthene	19.25	202	39051	0.381	ng		99
28) Pyrene	19.61	202	40628	0.498	ng		100
30) Benzo(a)anthracene	21.34	228	46083	0.462	ng		97
31) Chrysene	21.40	228	43259	0.443	ng		98
32) Bis(2-ethylhexyl)phthalate	21.27	149	72054	0.441	ng		99
33) Indeno(1,2,3-cd)pyrene	26.51	276	50196	0.435	ng		99
35) Benzo(b)fluoranthene	23.14	252	40715	0.400	ng		99
36) Benzo(k)fluoranthene	23.14	252	40715	0.415	ng		99
37) Benzo(a)pyrene	23.75	252	40050	0.416	ng	#	97
38) Dibenzo(a,h)anthracene	26.54	278	41279	0.420	ng		99
39) Benzo(g,h,i)perylene	27.32	276	41217	0.418	ng		98

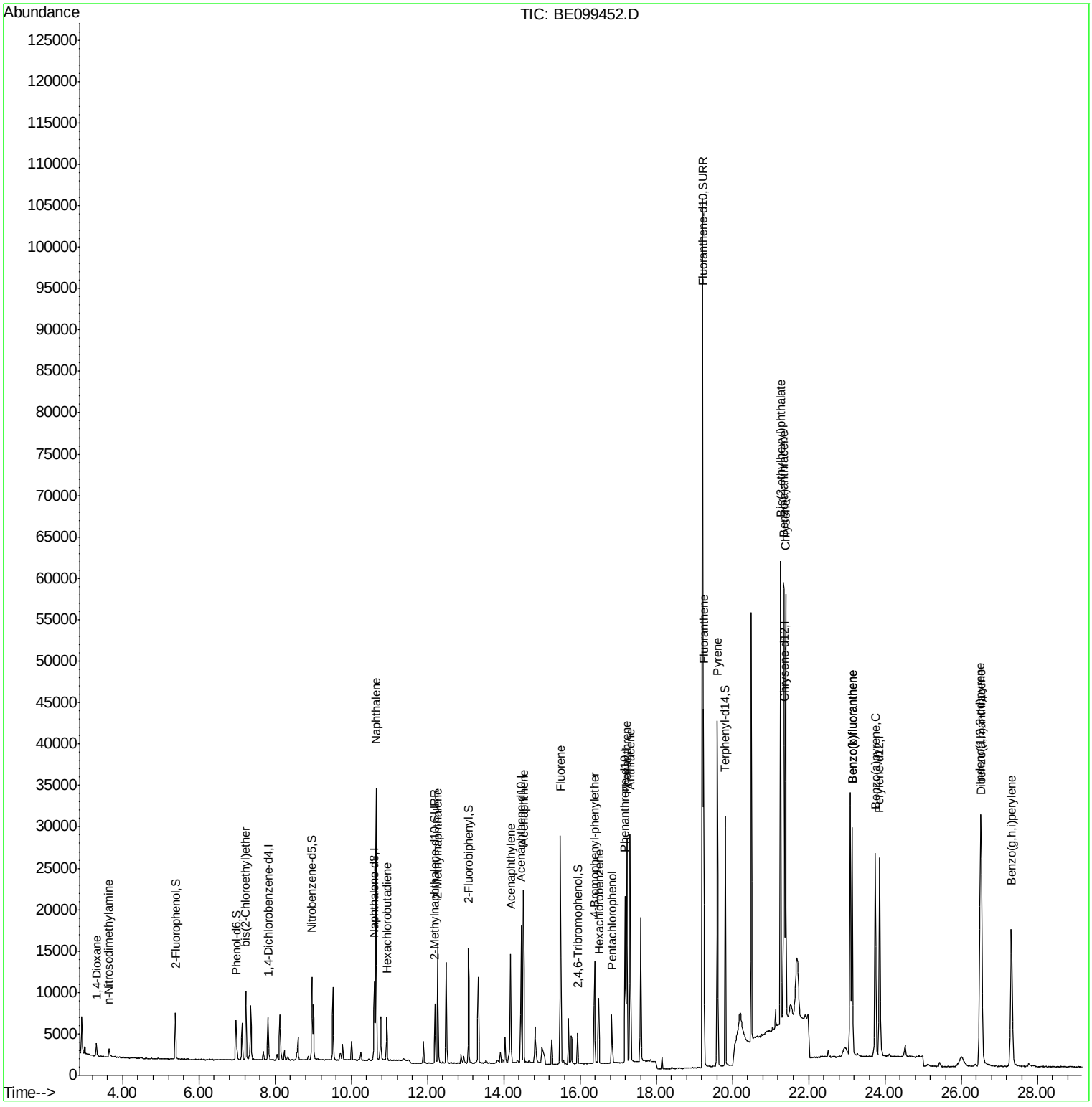
(#) = qualifier out of range (m) = manual integration (+) = signals summed

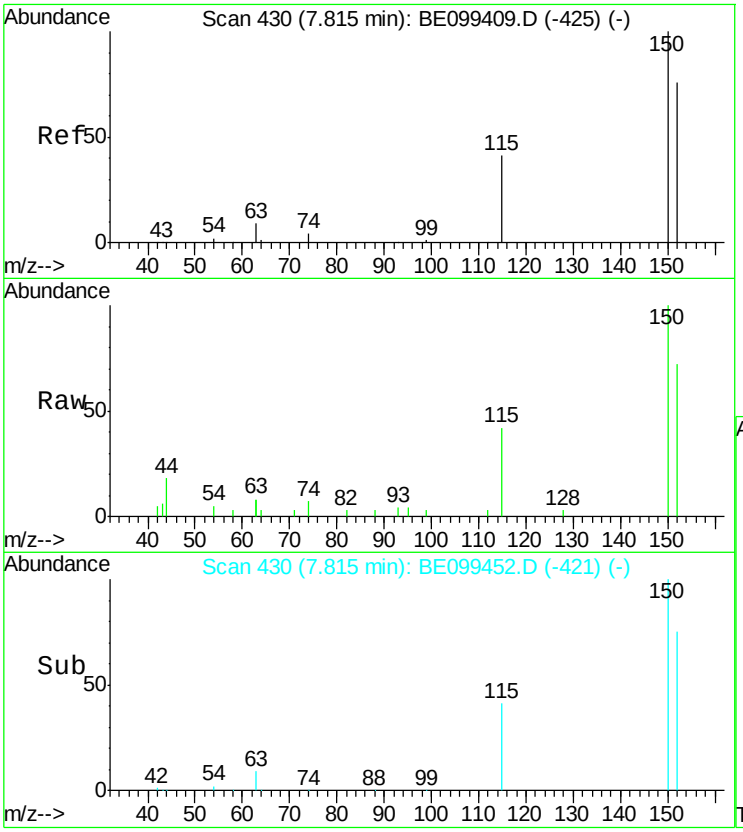
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099452.D
Acq On : 1 May 2019 7:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 01 07:51:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



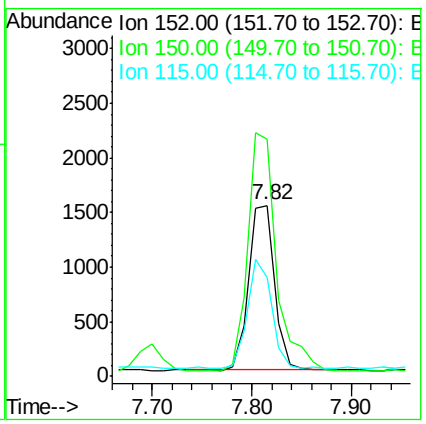


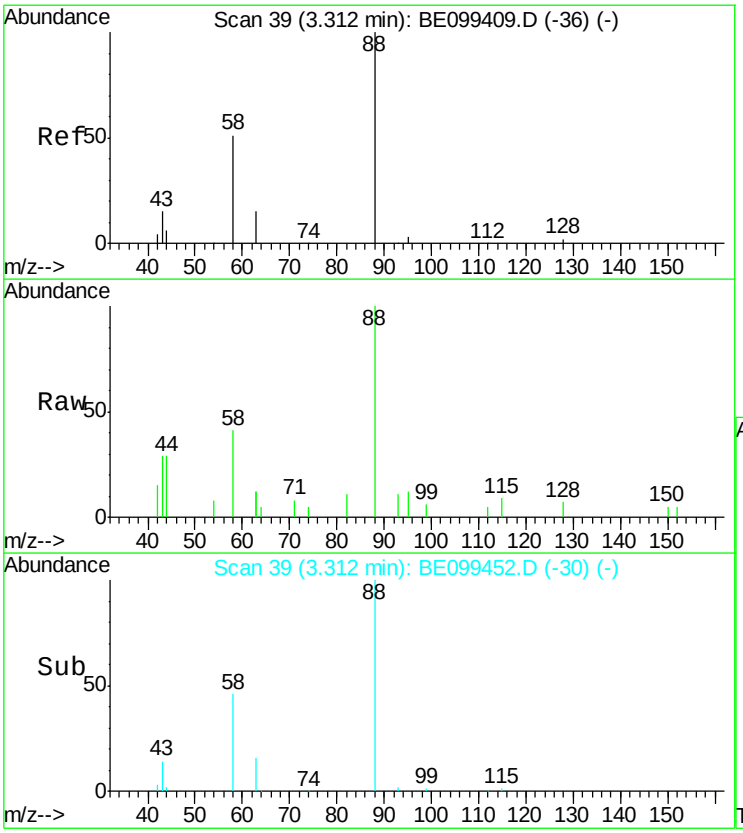
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2716

Ion	Ratio	Lower	Upper
152	100		
150	138.7	104.8	157.2
115	57.9	46.6	69.8

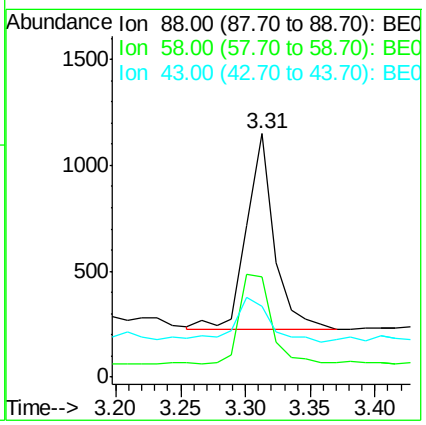


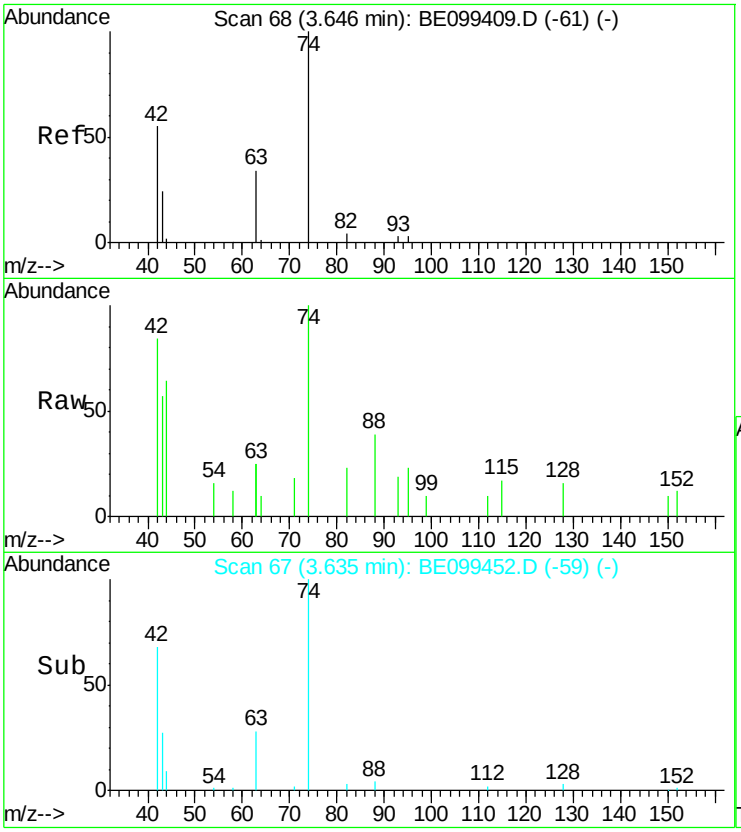


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion: 88 Resp: 1374

Ion	Ratio	Lower	Upper
88	100		
58	51.9	51.0	76.6
43	31.5	20.6	30.8#



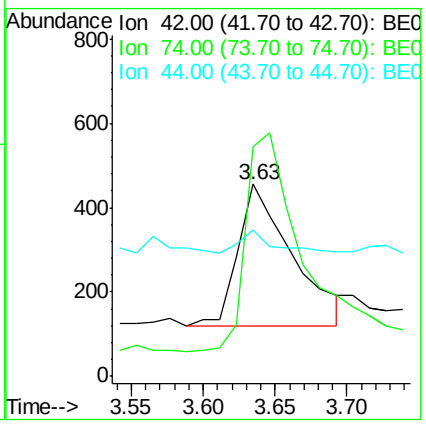


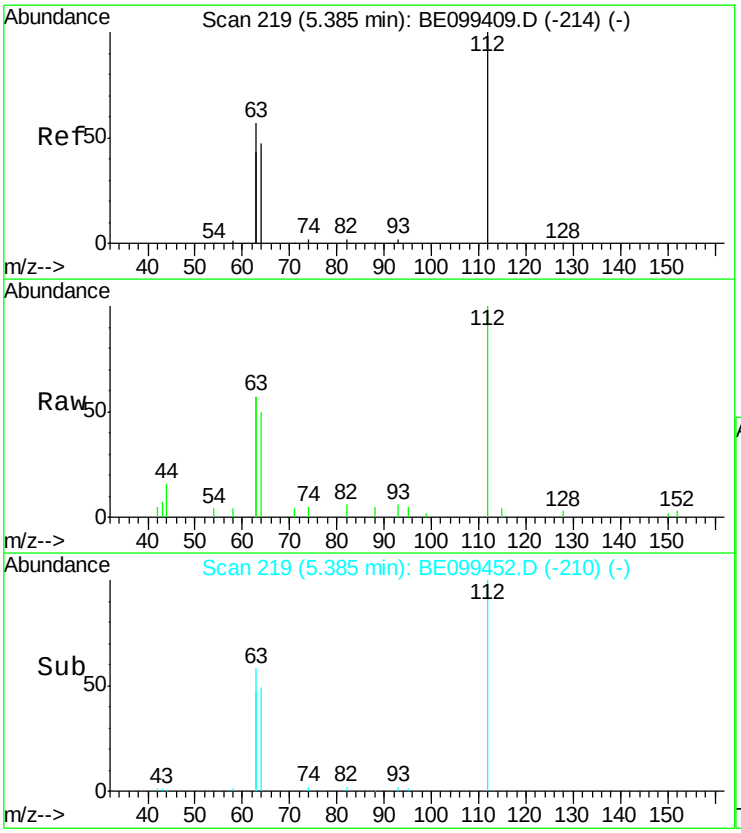
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 868

Ion	Ratio	Lower	Upper
42	100		
74	160.0	141.6	212.4
44	10.0	0.0	0.0#

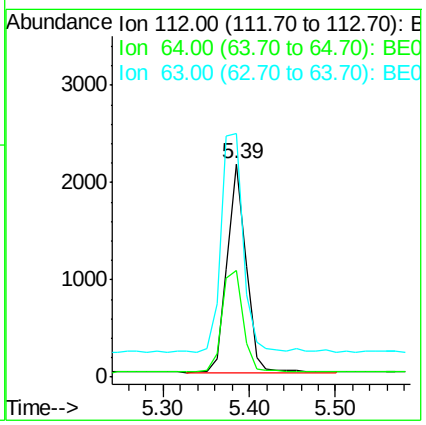


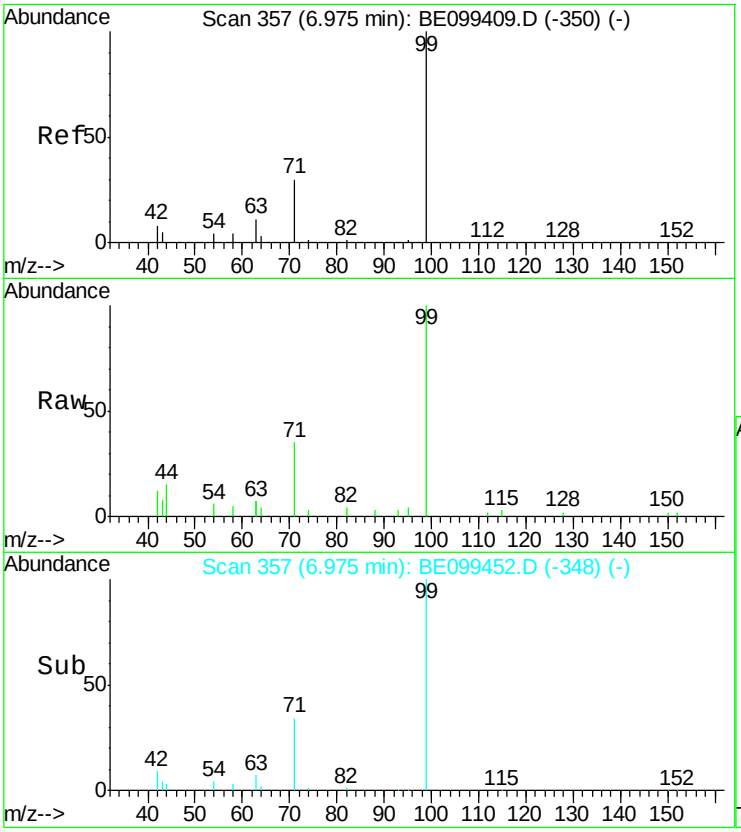


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:112 Resp: 3246

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.4	71.0
63	125.4	104.3	156.5



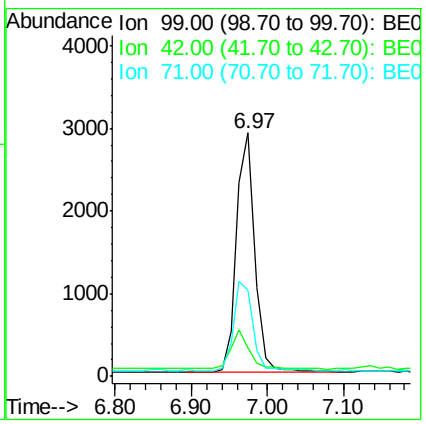


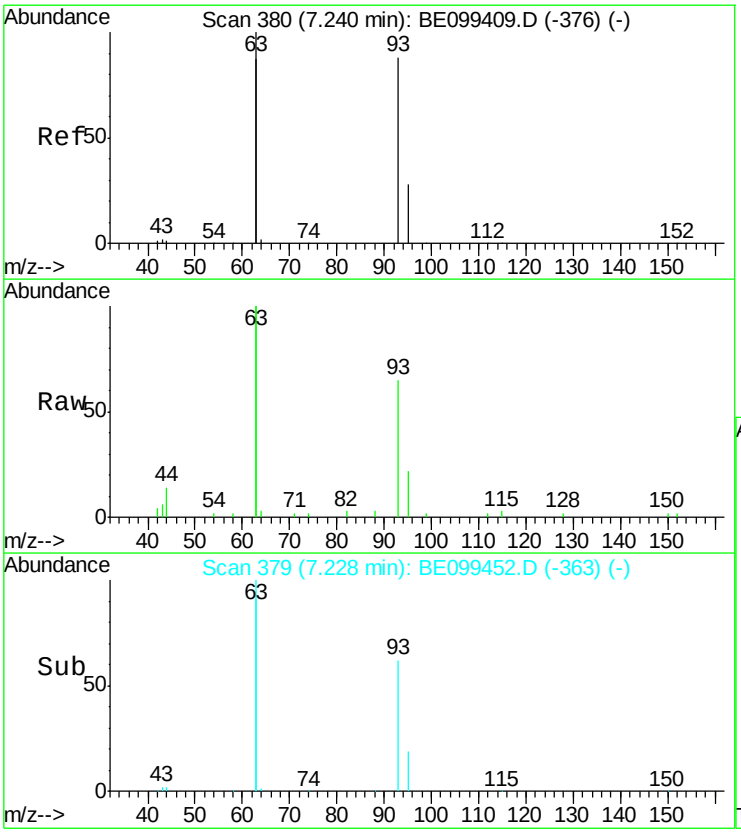
#5
Phenol-d6
Concen: 0.495 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4947

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	39.5	33.0	49.6

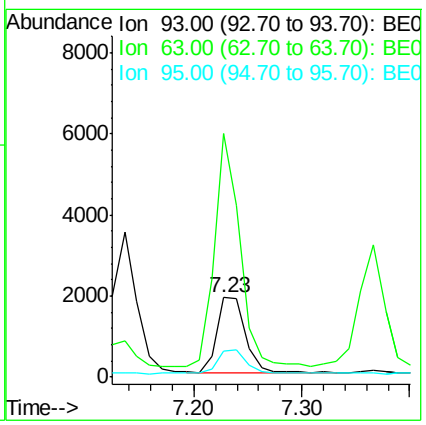


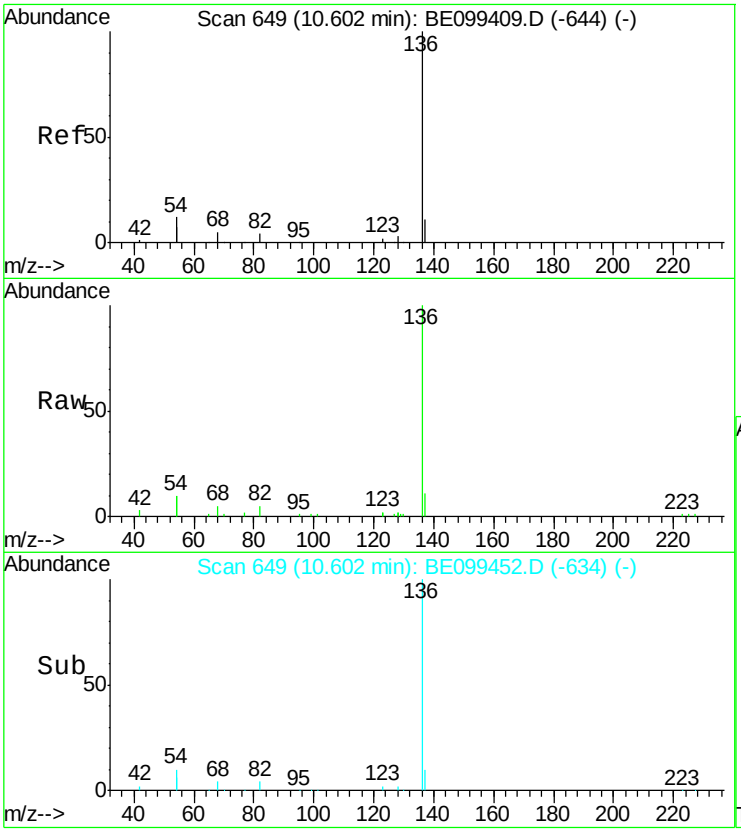


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion: 93 Resp: 3449

Ion	Ratio	Lower	Upper
93	100		
63	272.1	215.6	323.4
95	31.8	26.2	39.2



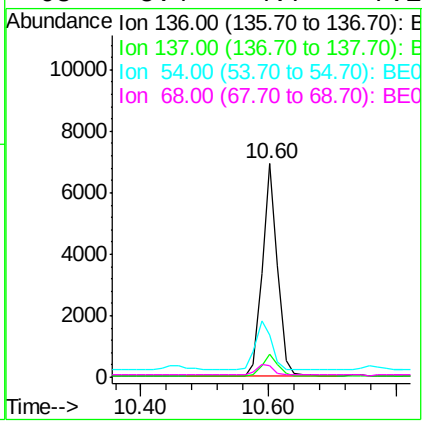


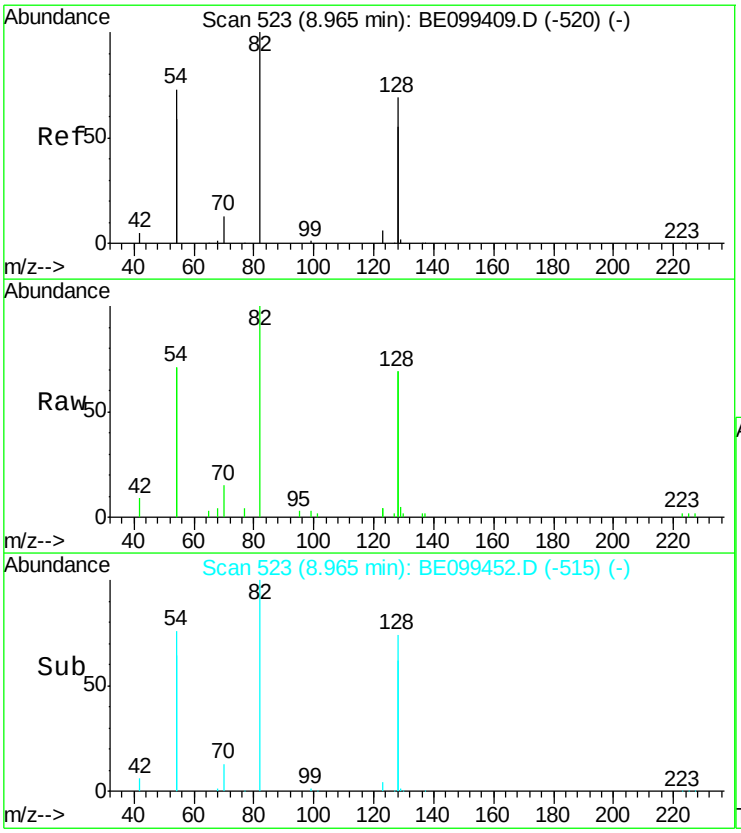
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11607

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	20.1	18.5	27.7
68	5.4	4.7	7.1

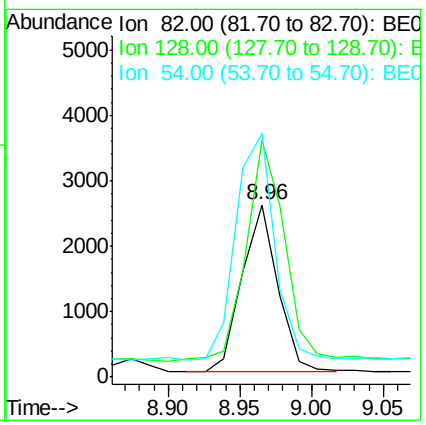


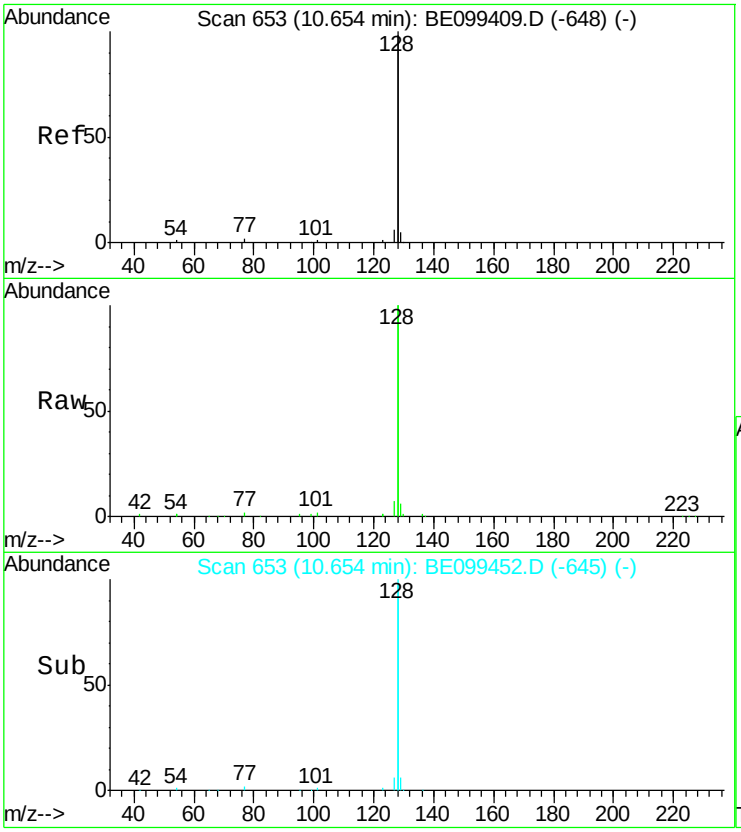


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion: 82 Resp: 4453

Ion	Ratio	Lower	Upper
82	100		
128	137.5	107.0	160.4
54	141.2	113.1	169.7



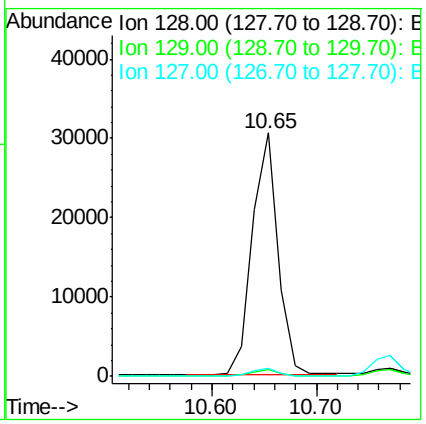


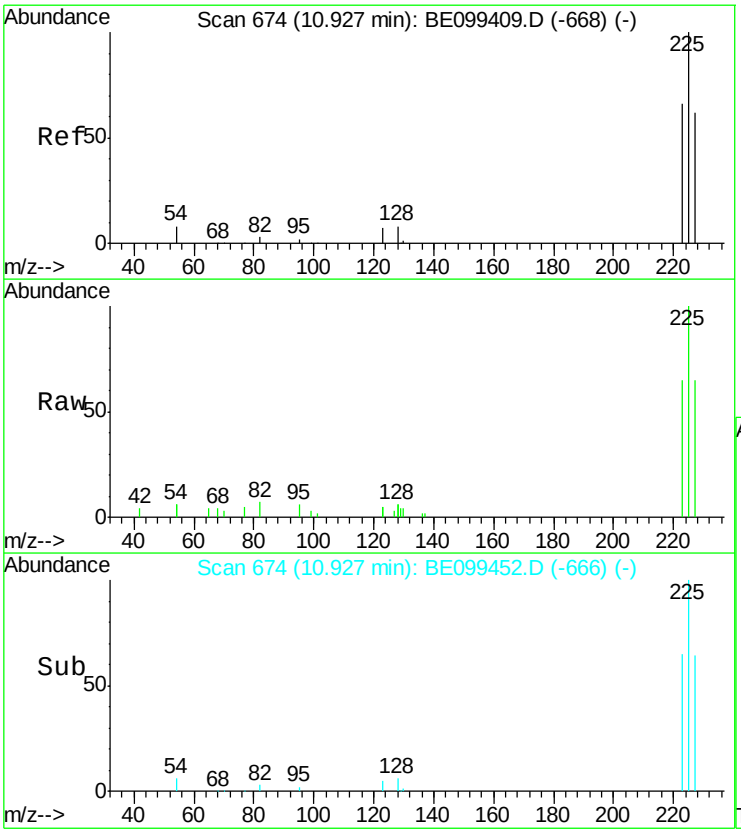
#9
Naphthalene
Concen: 0.413 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 52241

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.3	2.8	4.2

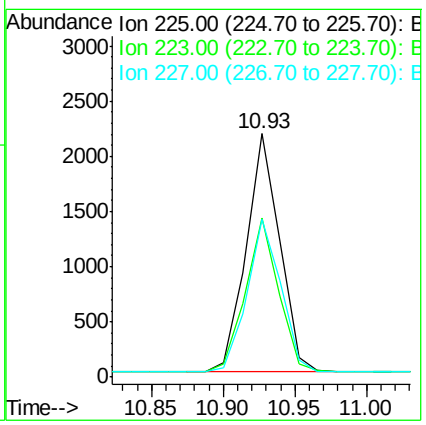


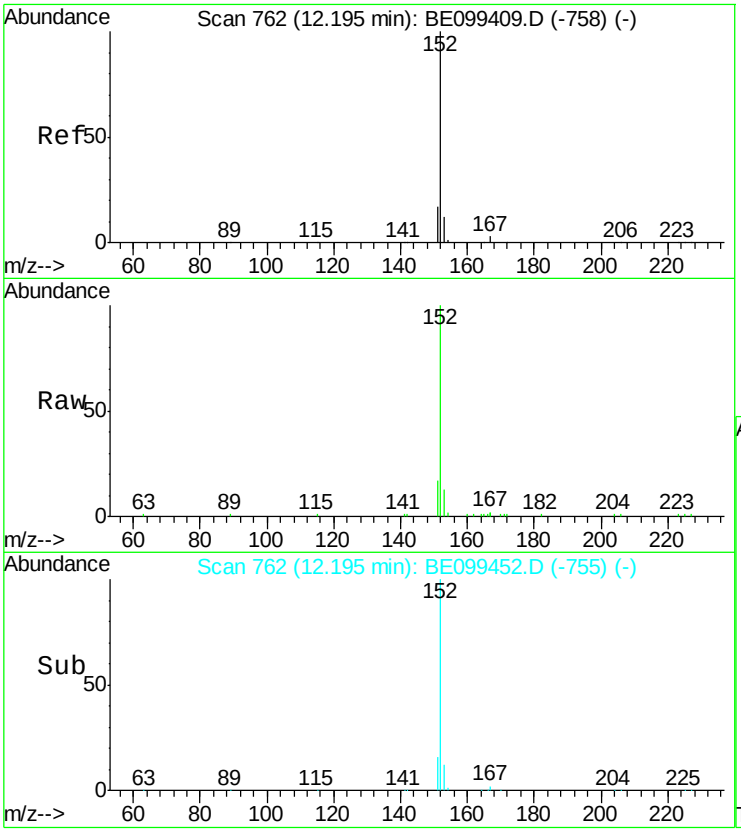


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:225 Resp: 3473

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	64.5	50.9	76.3



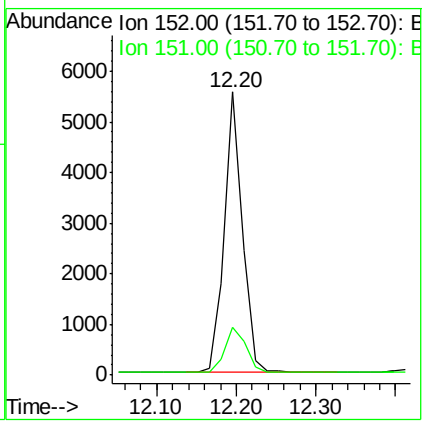


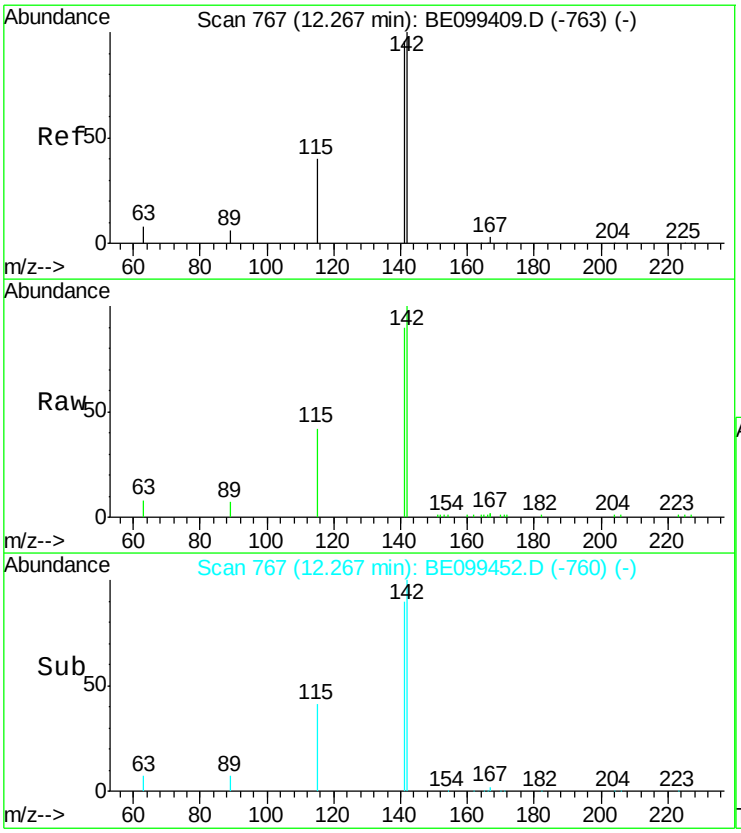
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8708

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

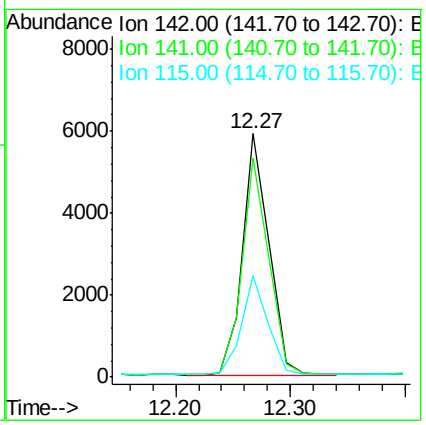


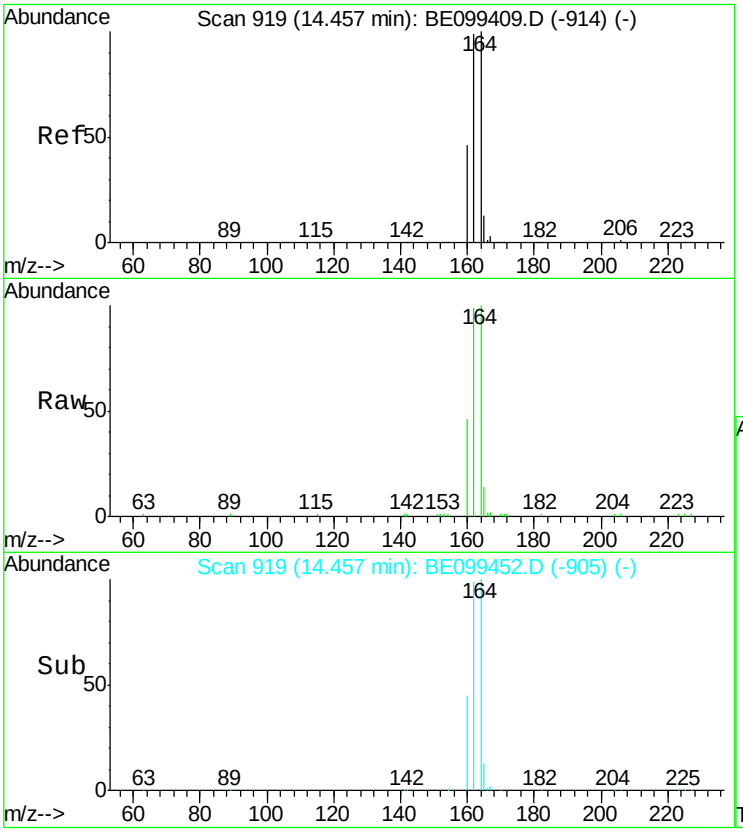


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:142 Resp: 9364

Ion	Ratio	Lower	Upper
142	100		
141	90.1	77.0	115.4
115	41.7	33.4	50.0



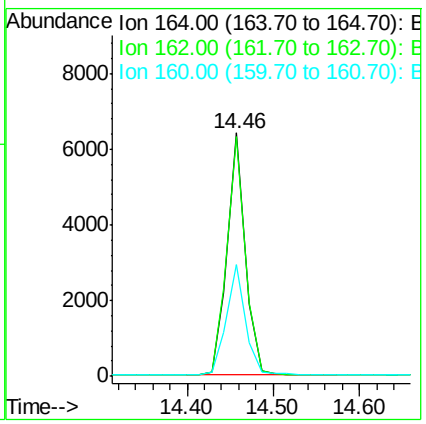


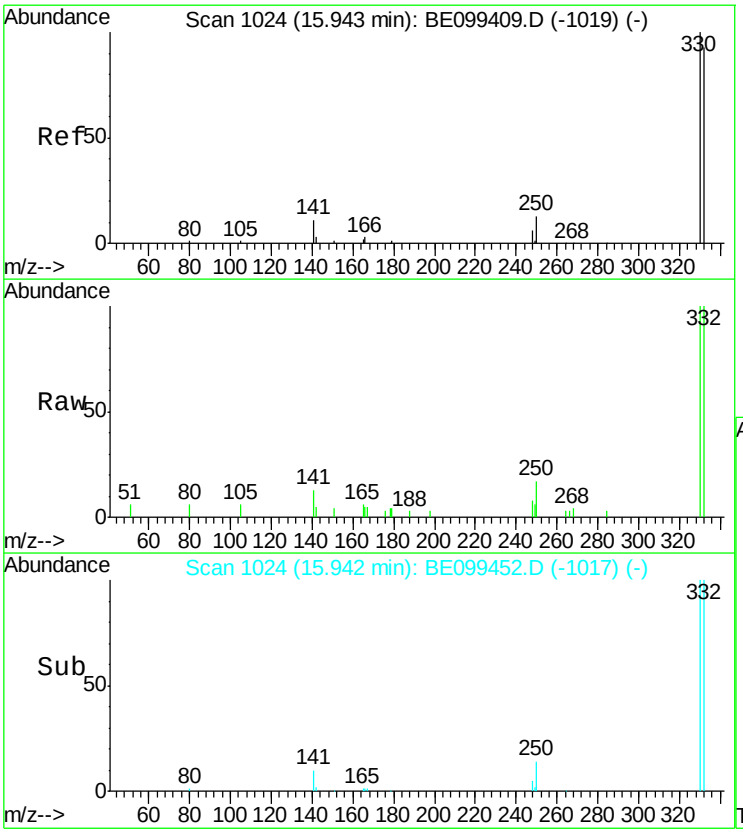
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9171

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.0	118.4
160	45.7	37.0	55.4

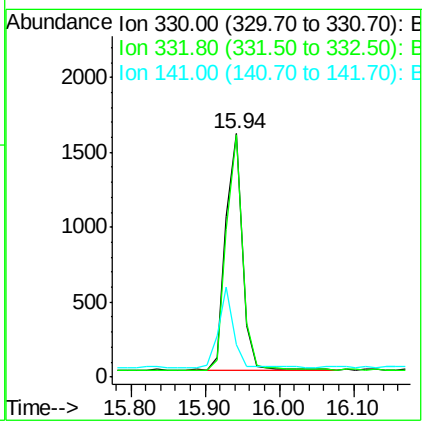


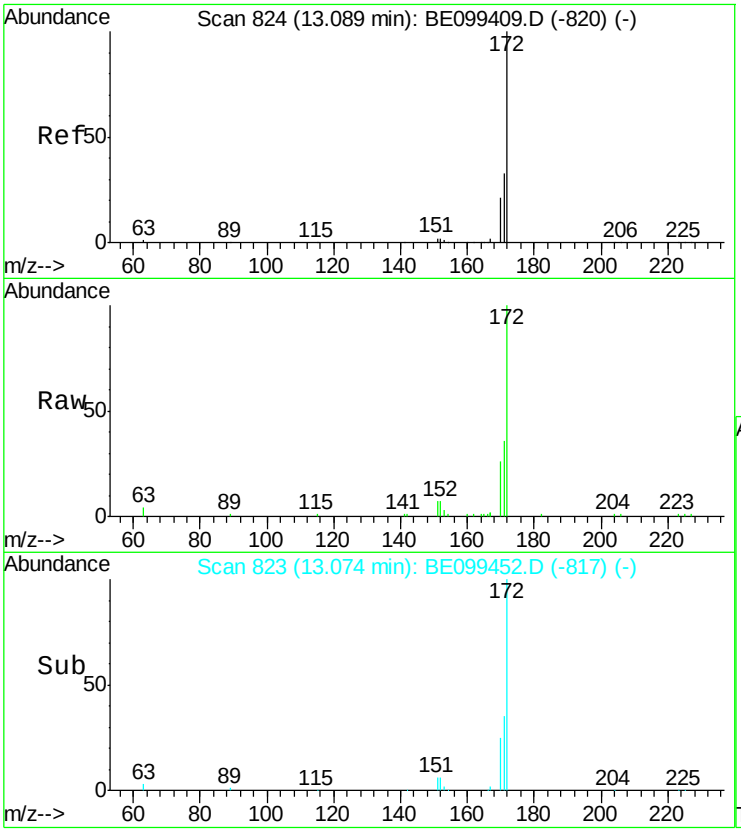


#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:330 Resp: 2462

Ion	Ratio	Lower	Upper
330	100		
332	98.0	71.5	107.3
141	31.4	24.0	36.0



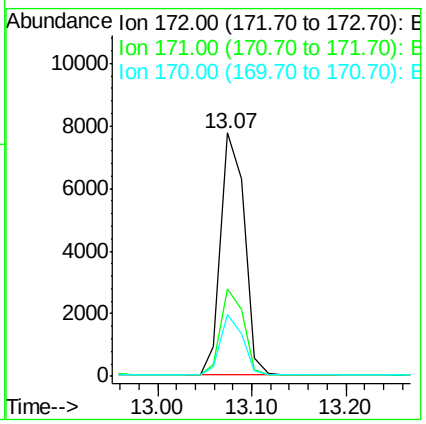


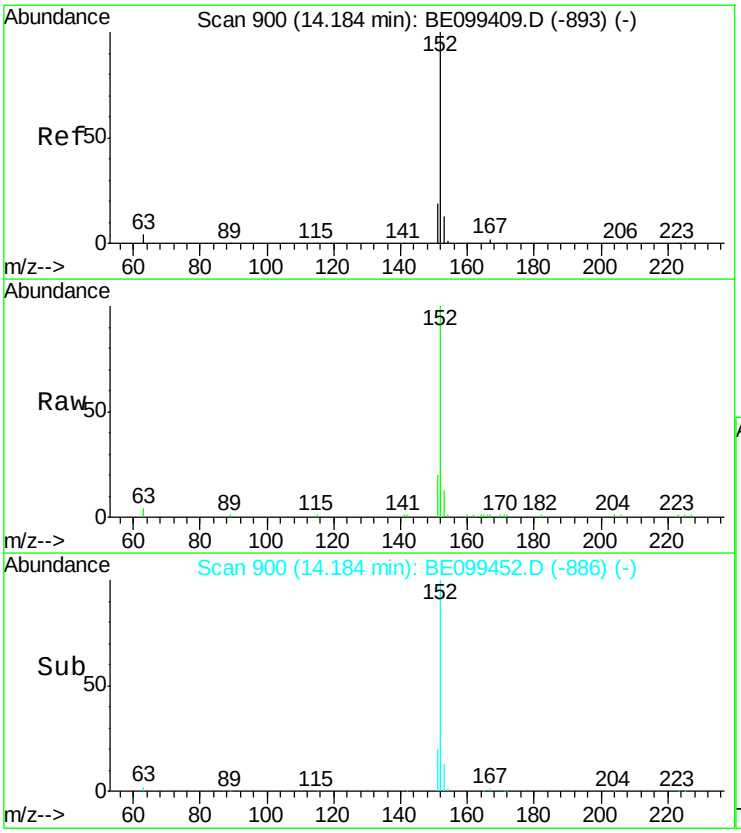
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13488

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	25.6	17.0	25.6#

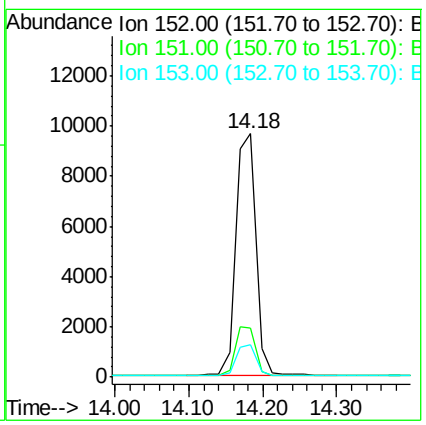


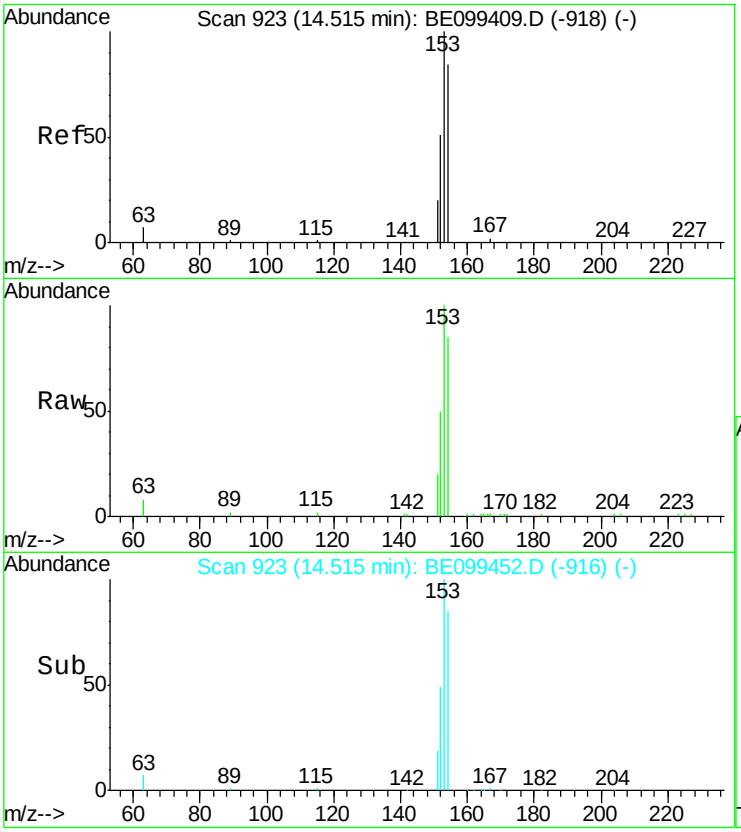


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:152 Resp: 18325

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	12.7	9.8	14.6



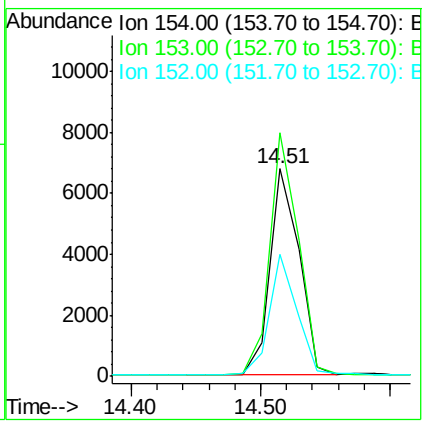


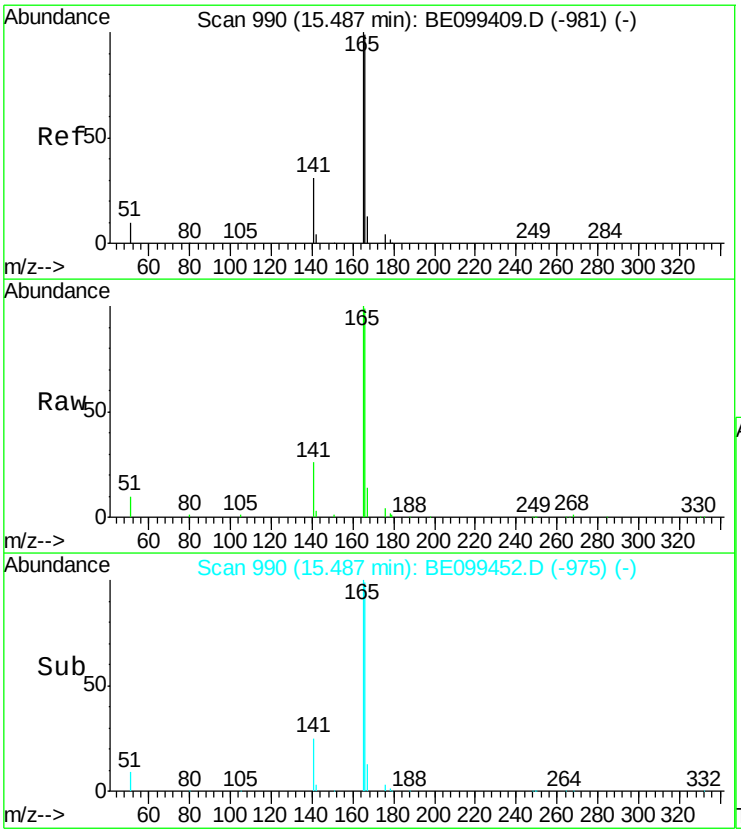
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10550

Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.6	138.8
152	54.3	45.8	68.8

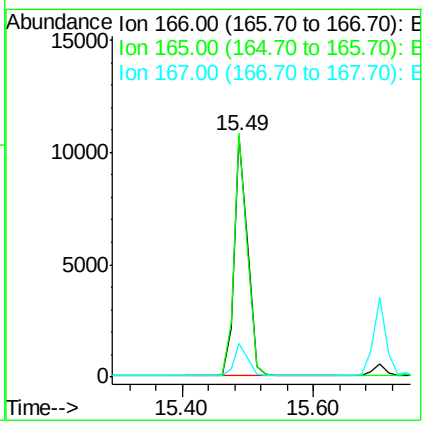


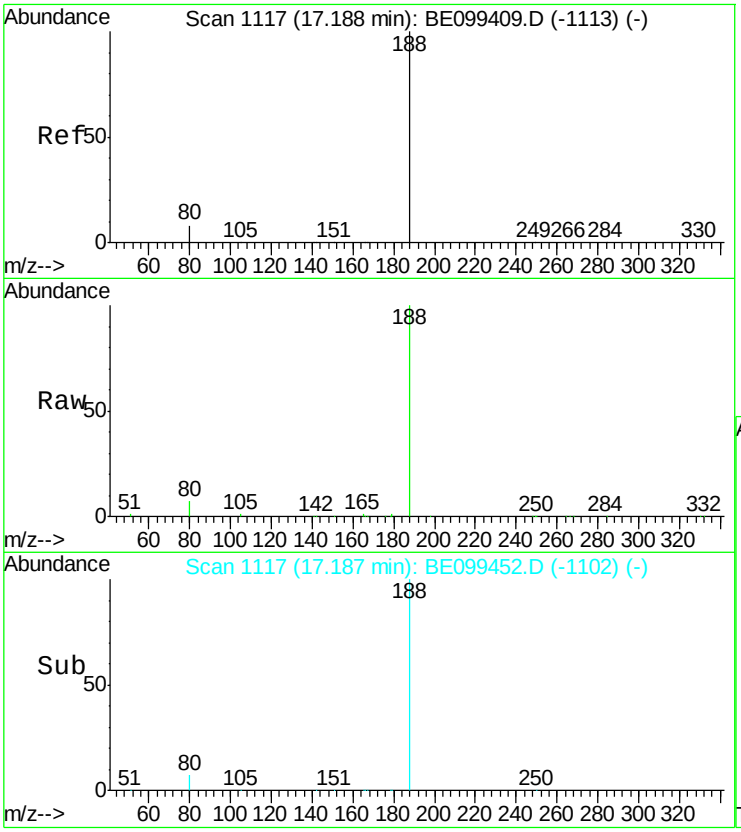


#18
Fluorene
Concen: 0.407 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:166 Resp: 15391

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.3	120.5
167	13.6	10.7	16.1



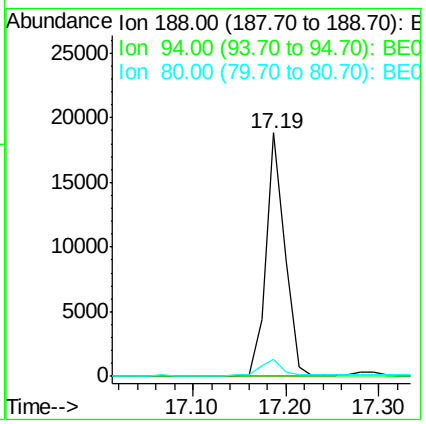


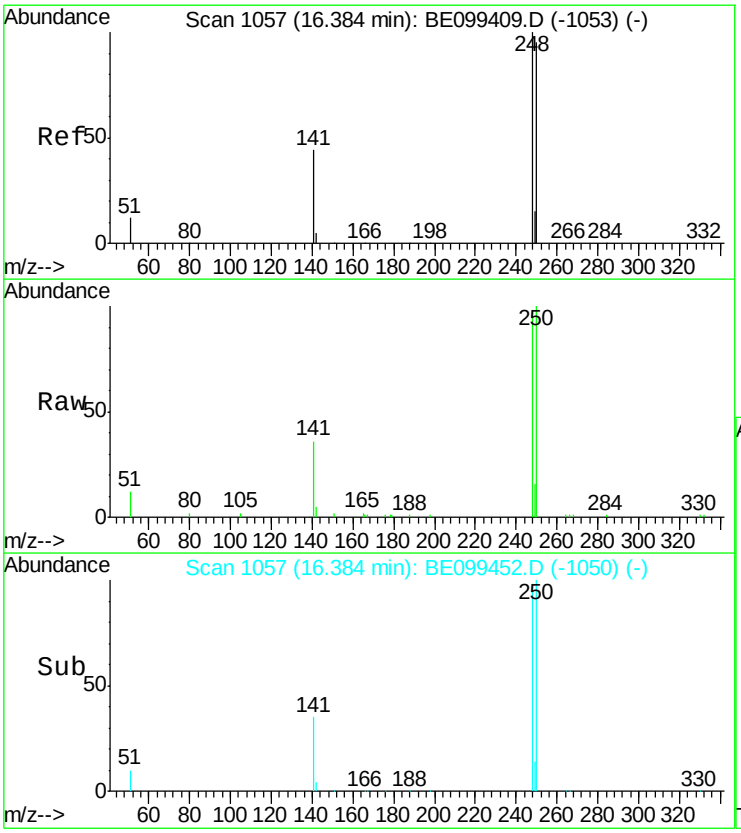
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 26493

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.7	10.1

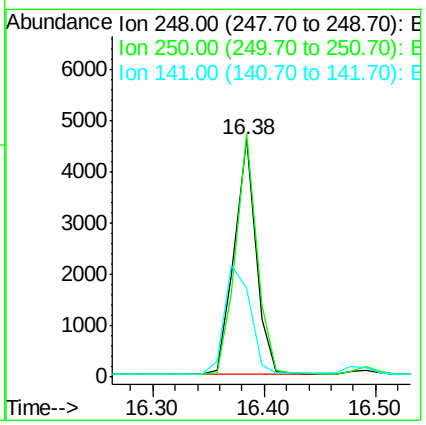


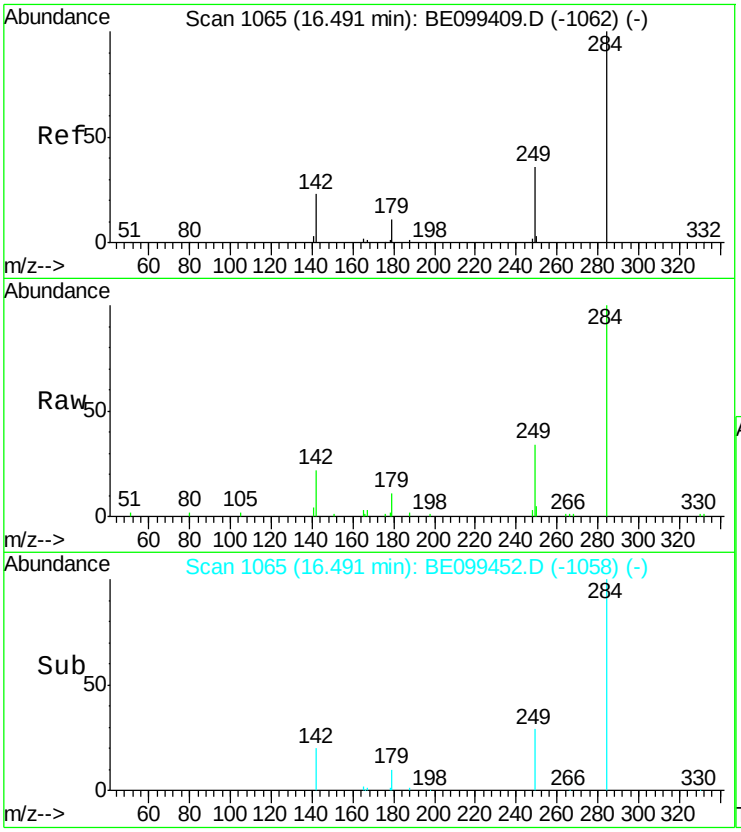


#20
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:248 Resp: 6273

Ion	Ratio	Lower	Upper
248	100		
250	102.2	75.8	113.8
141	37.1	35.7	53.5



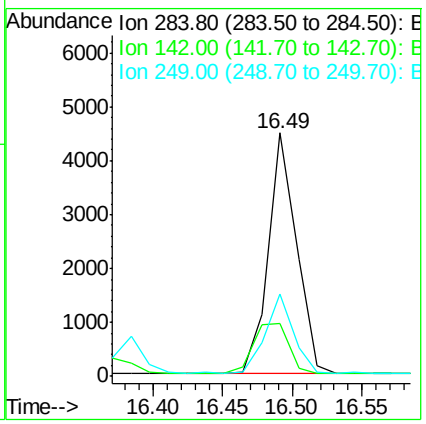


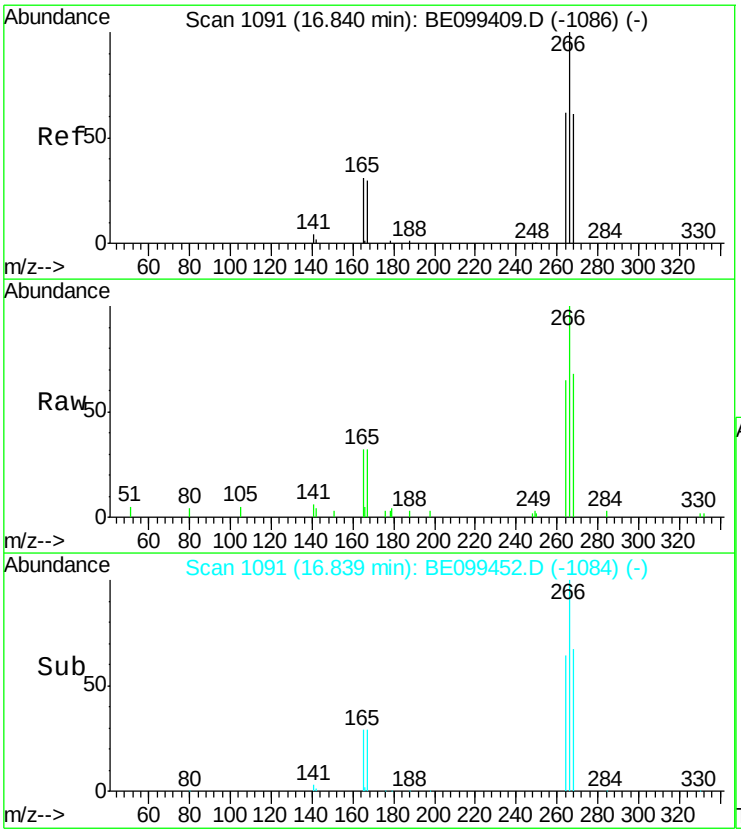
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6306

Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.0	31.6
249	32.4	26.7	40.1

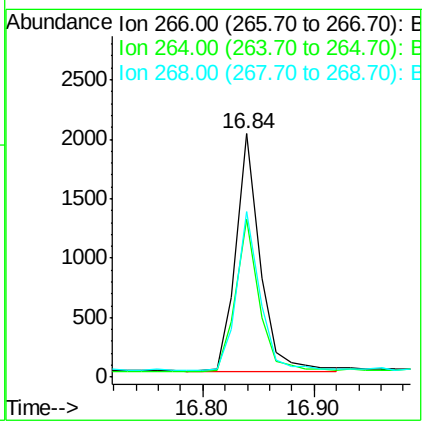


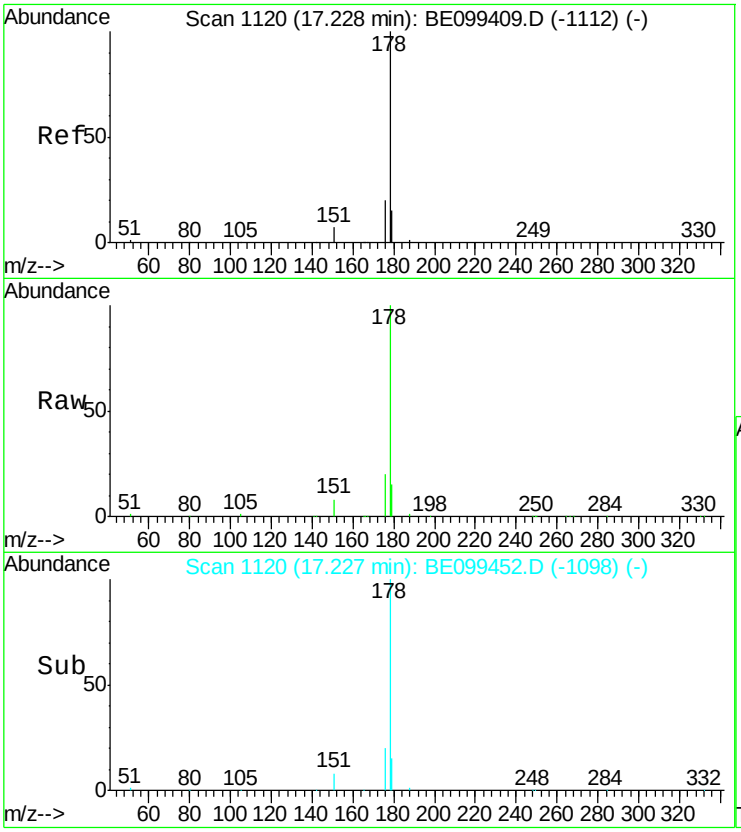


#22
Pentachlorophenol
Concen: 0.554 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:266 Resp: 2994

Ion	Ratio	Lower	Upper
266	100		
264	64.8	50.8	76.2
268	68.0	50.5	75.7



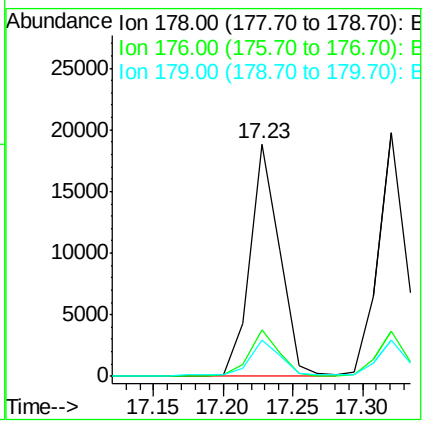


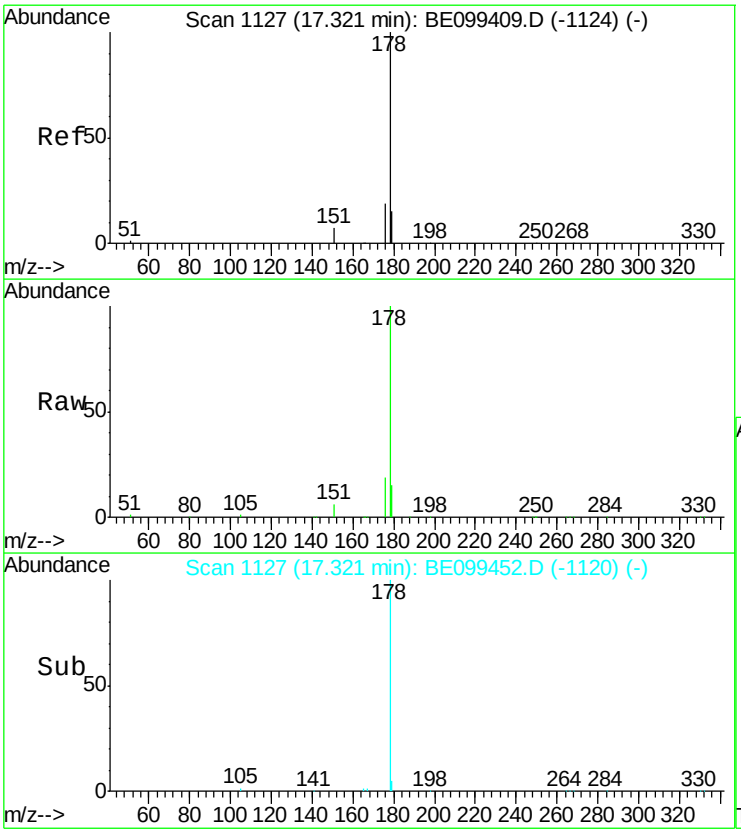
#23
Phenanthrene
Concen: 0.404 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 27612

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.8	12.0	18.0

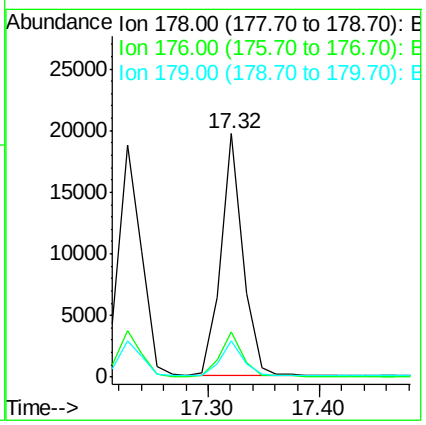


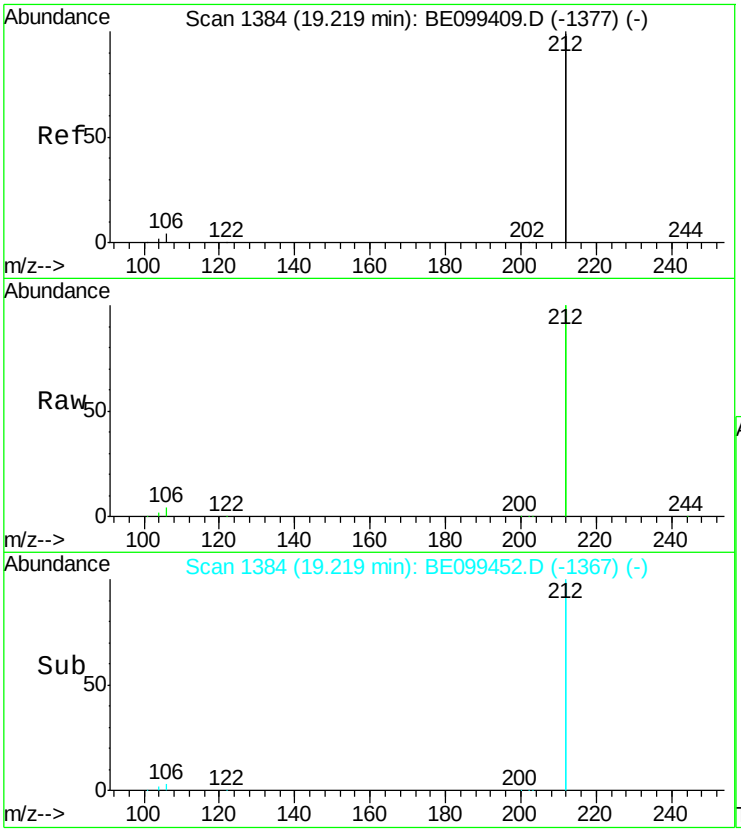


#24
Anthracene
Concen: 0.416 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:178 Resp: 27135

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.0	11.9	17.9



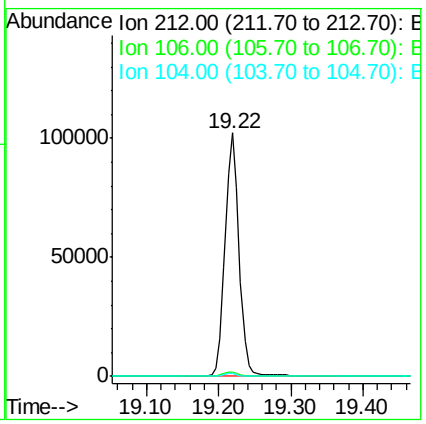


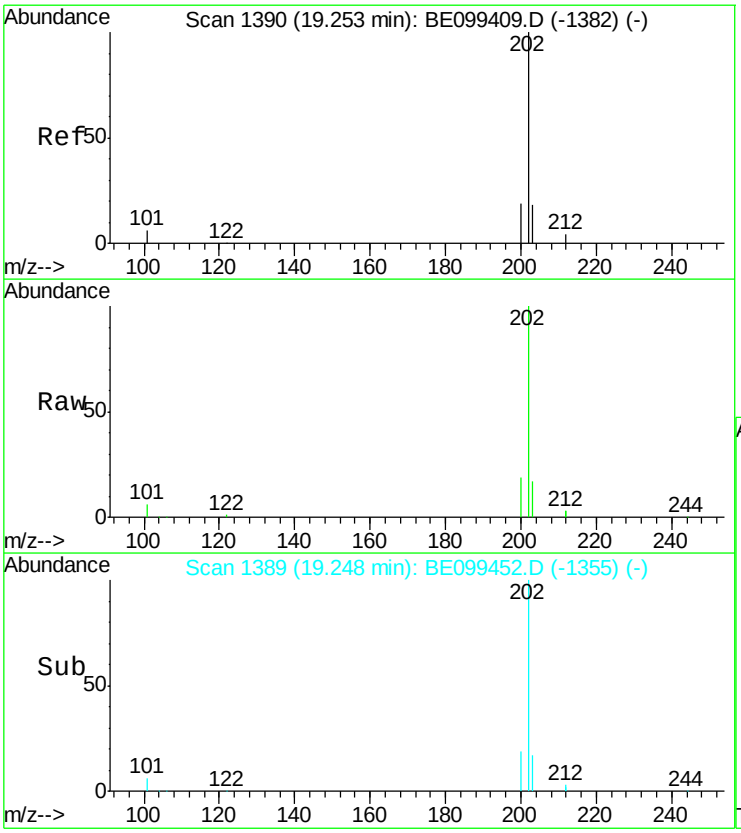
#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 136038

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3

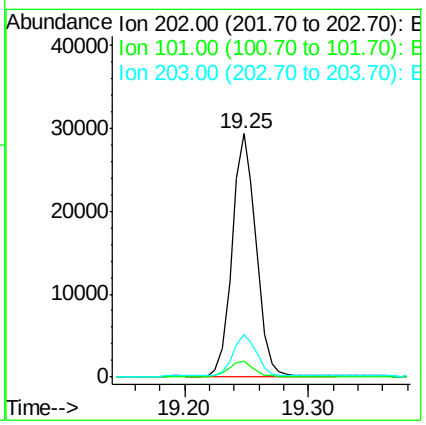


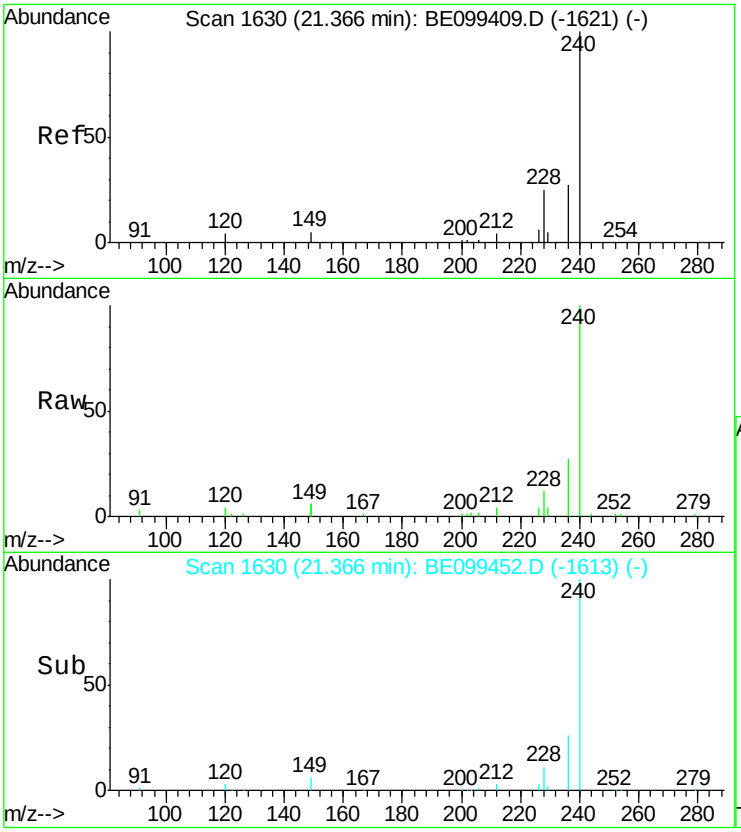


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:202 Resp: 39051

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.4	8.0
203	17.2	13.9	20.9



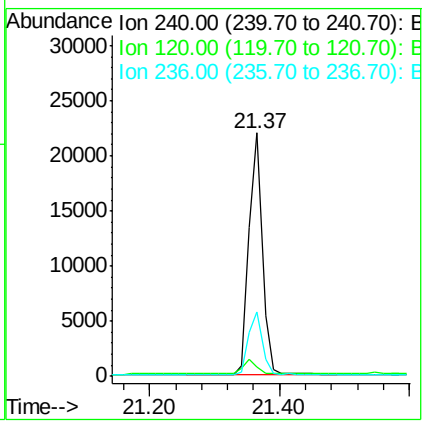


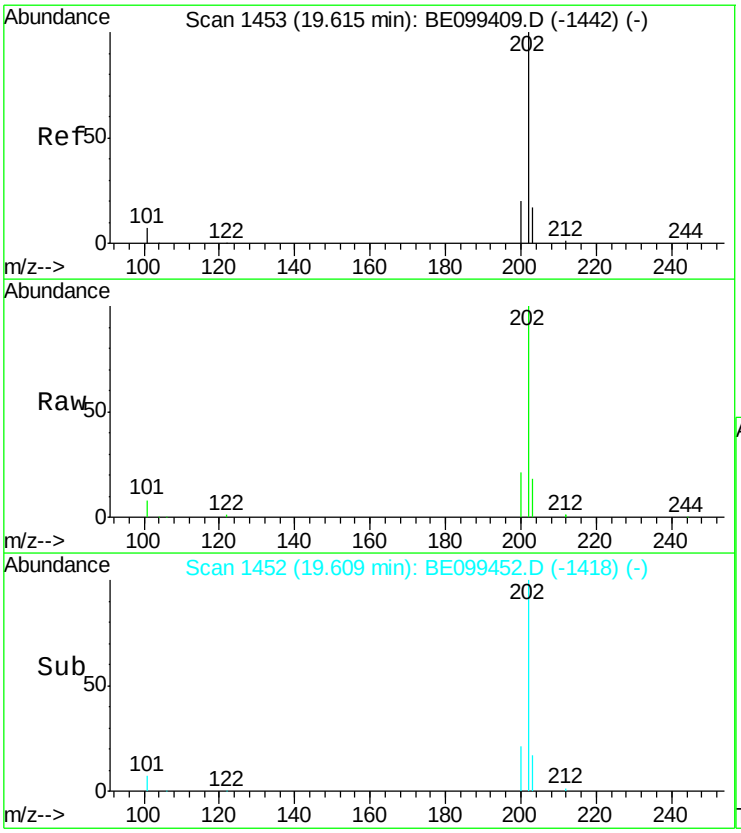
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 31298

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.0	6.0#
236	26.5	22.0	33.0

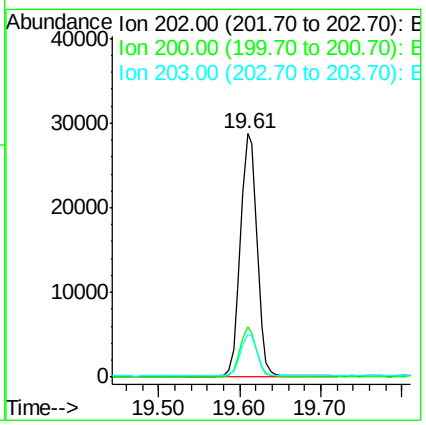


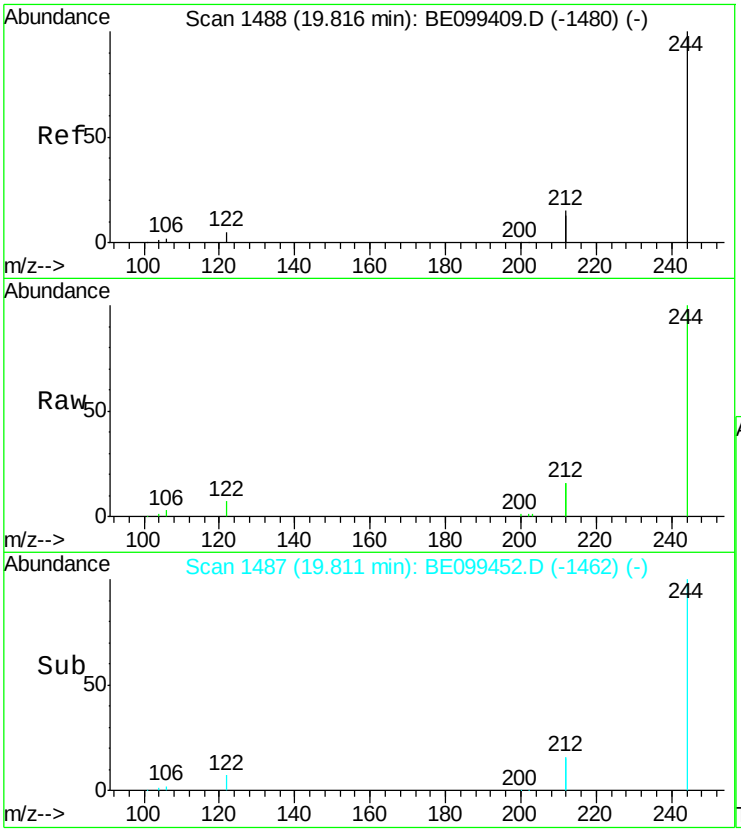


#28
Pyrene
Concen: 0.498 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:202 Resp: 40628

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	13.9	20.9



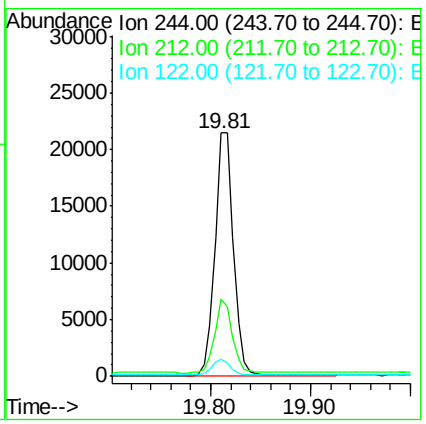


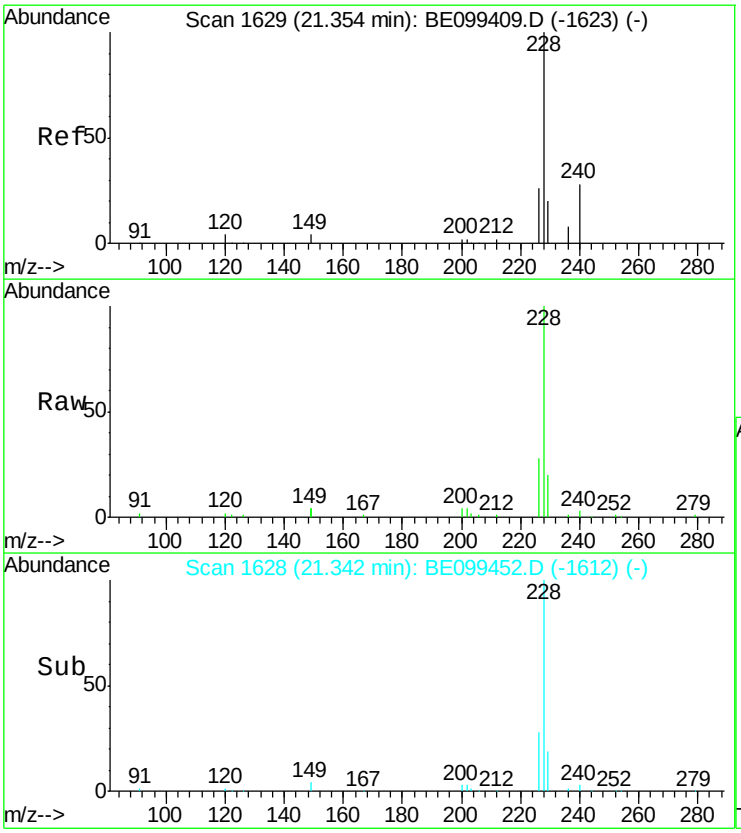
#29
Terphenyl-d14
Concen: 0.480 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 27504

Ion	Ratio	Lower	Upper
244	100		
212	31.8	23.2	34.8
122	7.1	4.2	6.4#

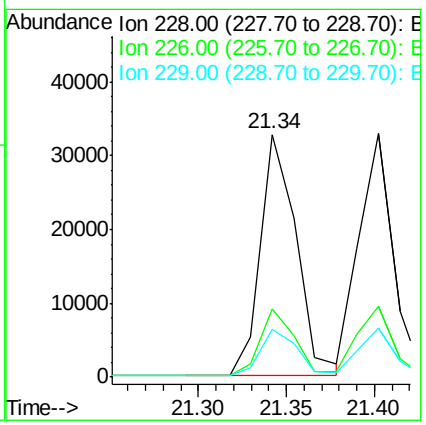


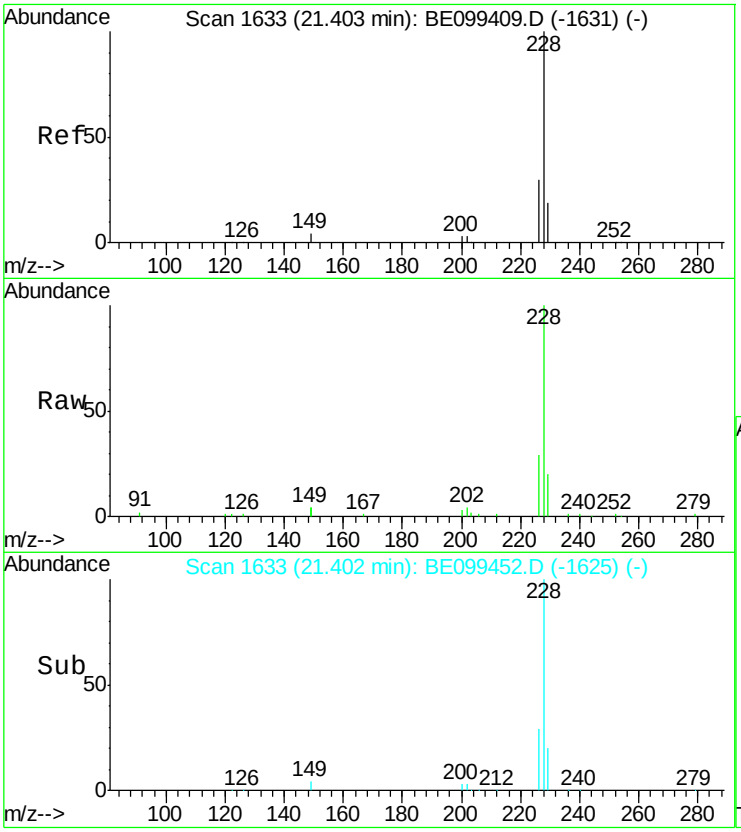


#30
Benzo(a)anthracene
Concen: 0.462 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:228 Resp: 46083

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.0	31.6
229	19.7	16.6	25.0



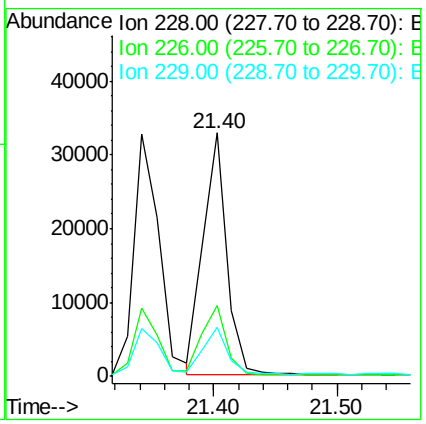


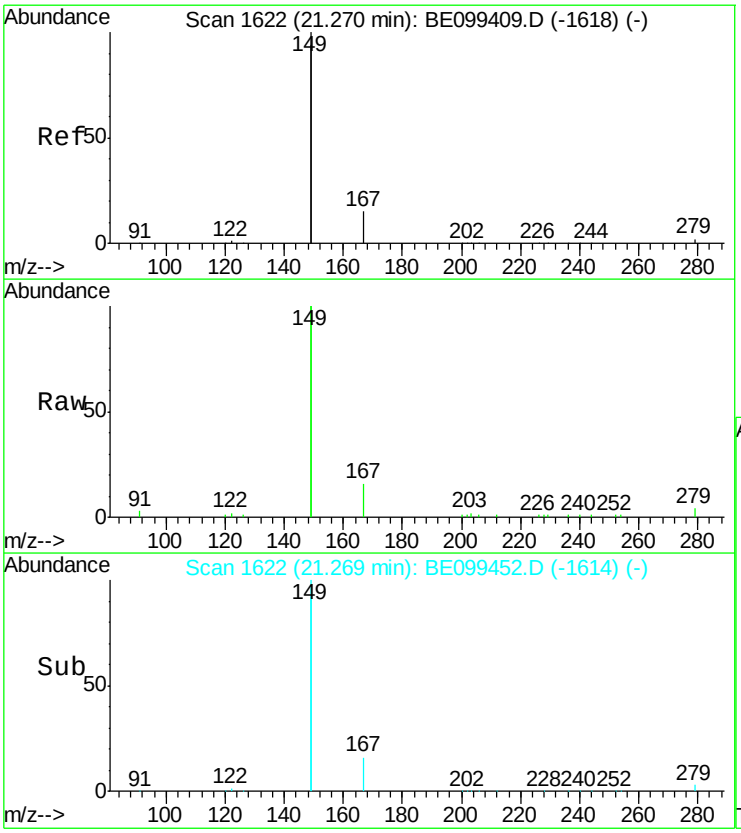
#31
Chrysene
Concen: 0.443 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 43259

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.3	15.8	23.8

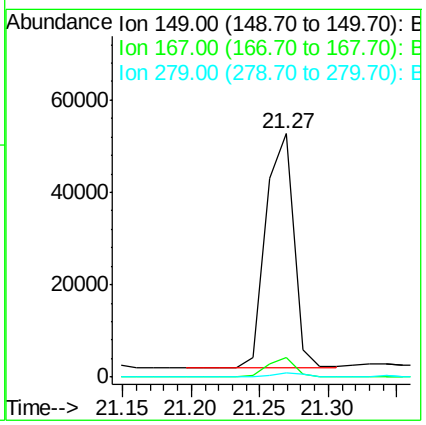


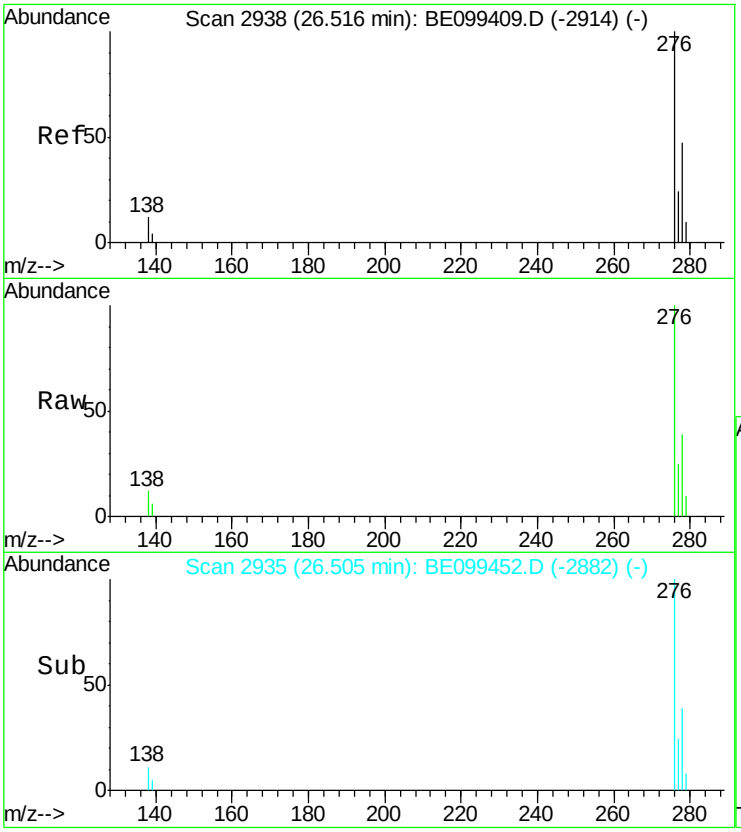


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.441 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:149 Resp: 72054

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.4	1.0	1.6



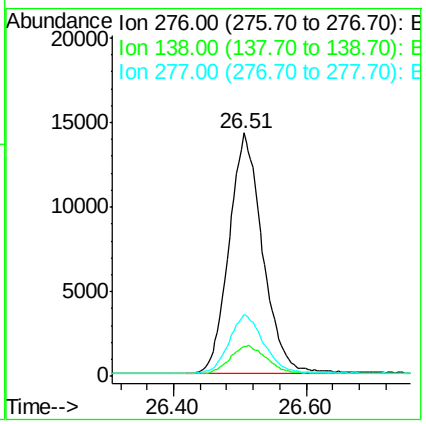


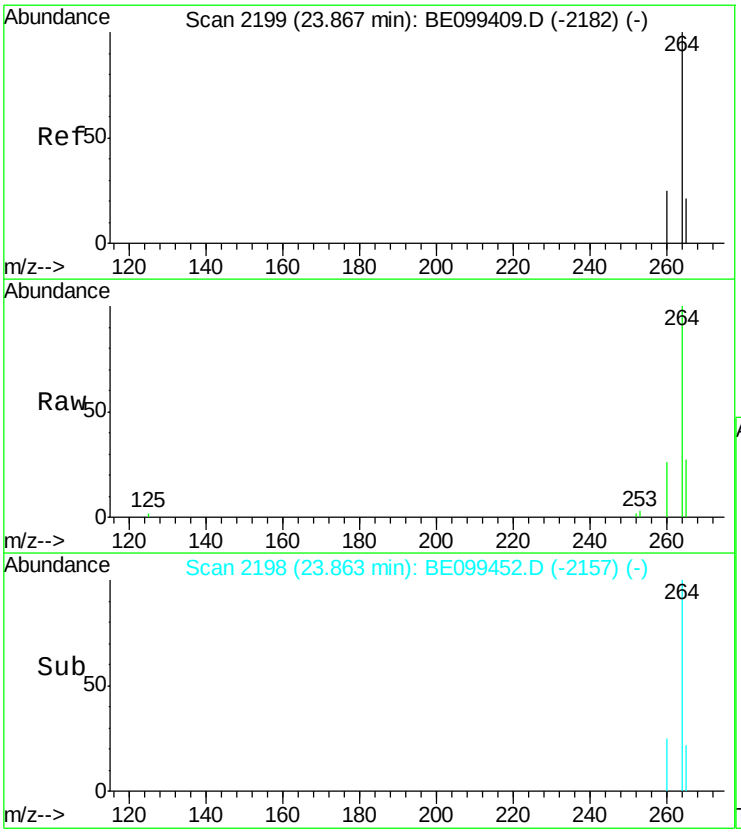
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 50196

Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.2	15.2
277	24.8	19.2	28.8

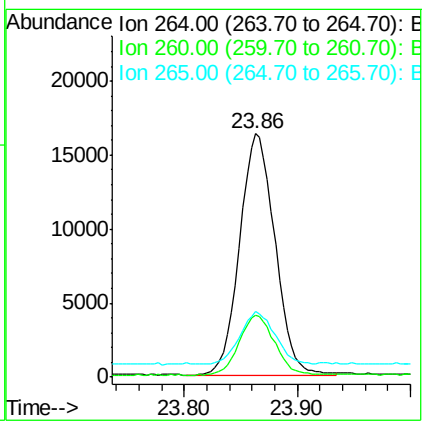


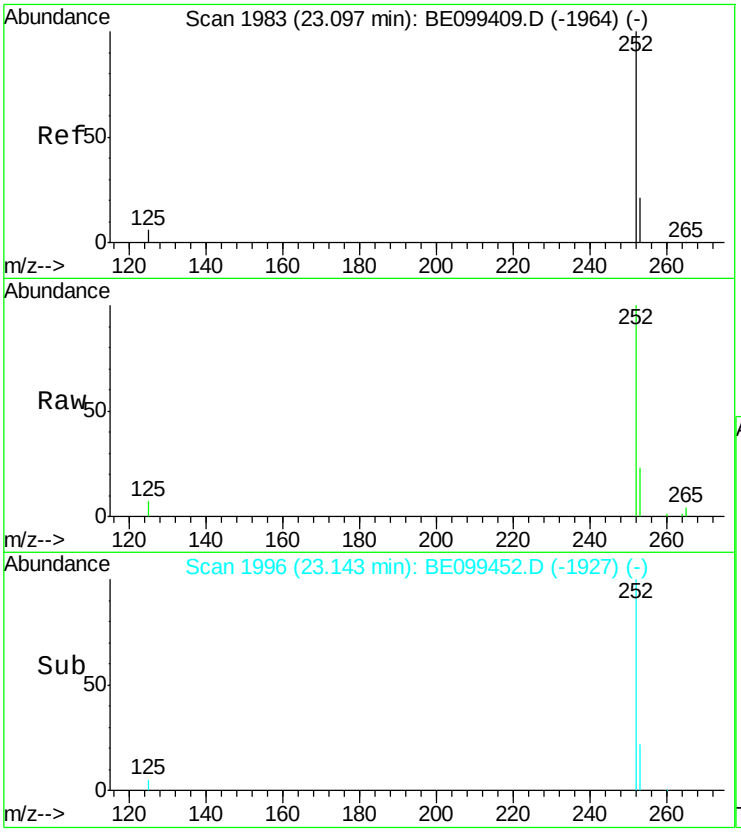


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:264 Resp: 35286

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	26.9	21.3	31.9



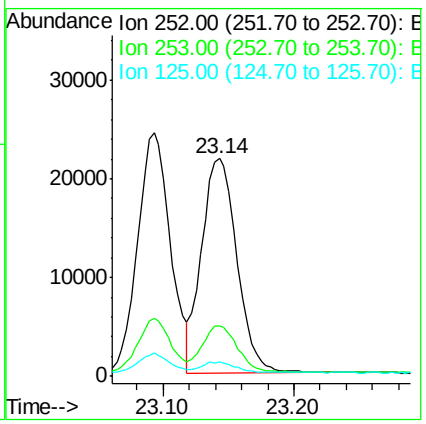


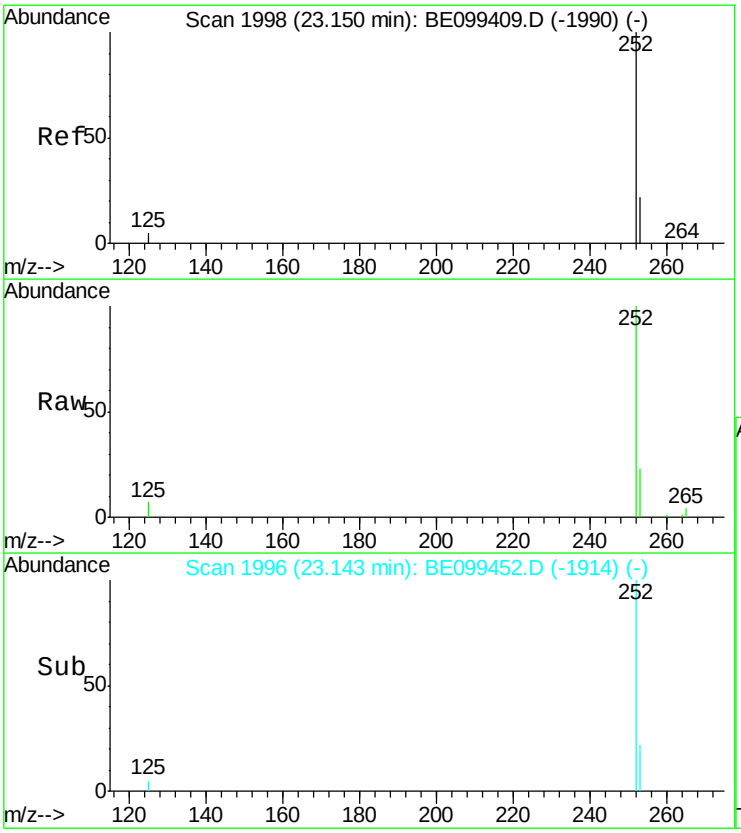
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.05 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 40715

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.8	5.6	8.4

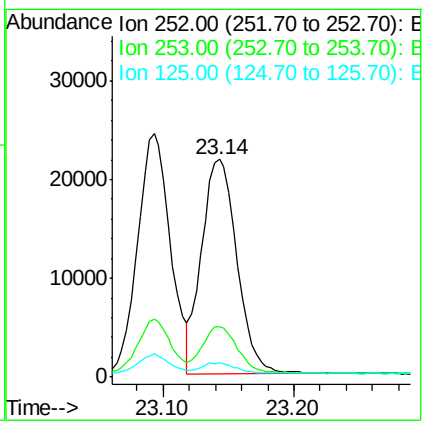


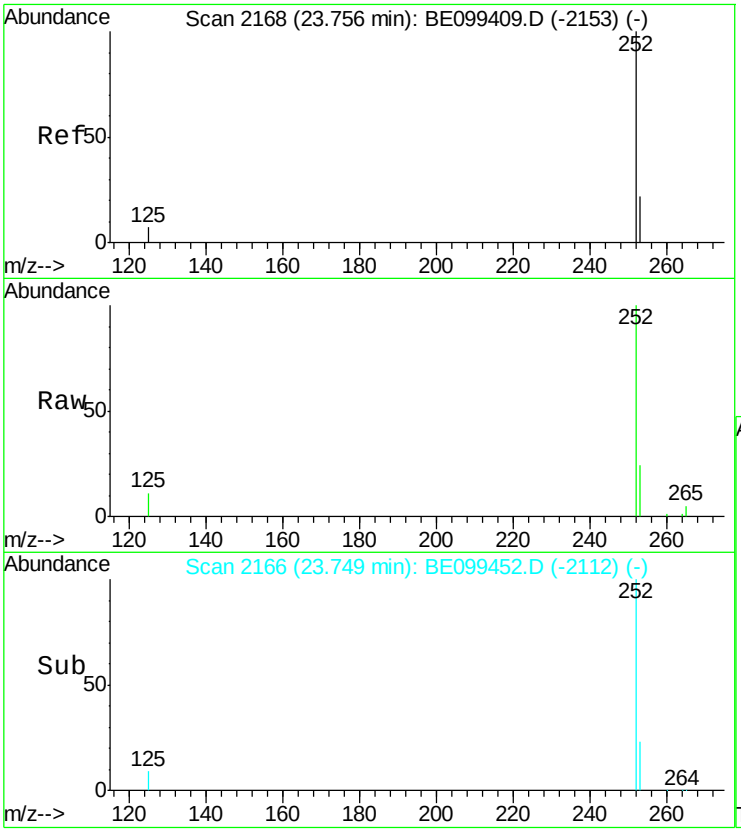


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:252 Resp: 40715

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.8	5.0	7.4



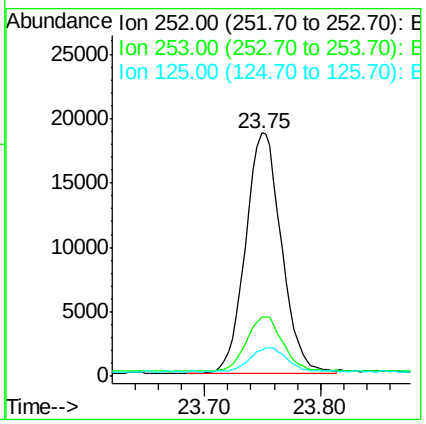


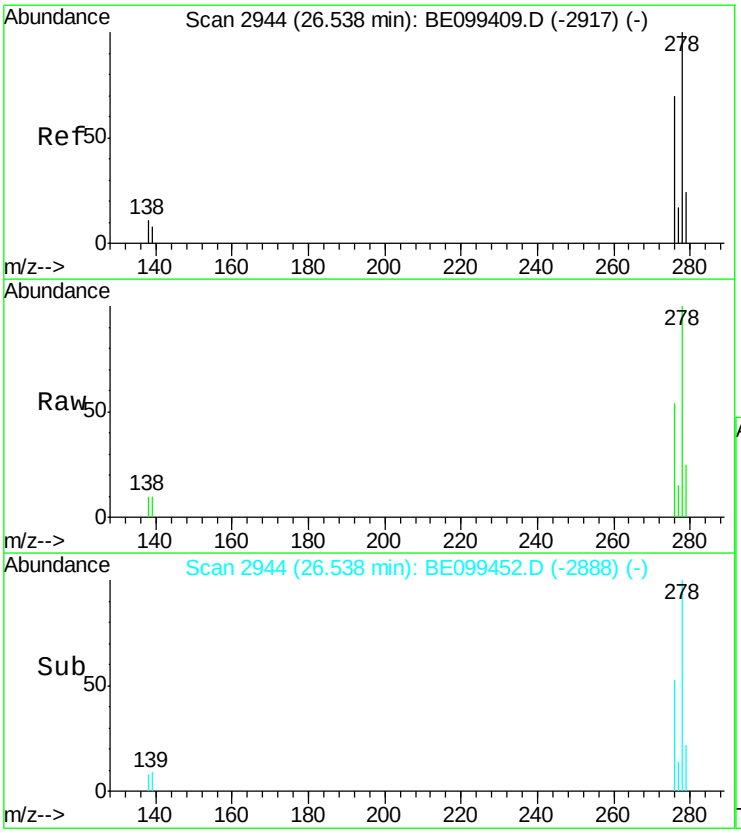
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 40050

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	10.8	6.7	10.1#

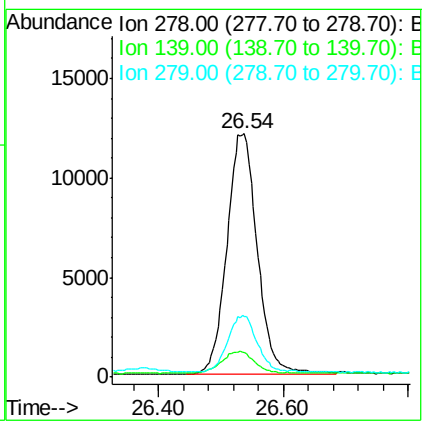


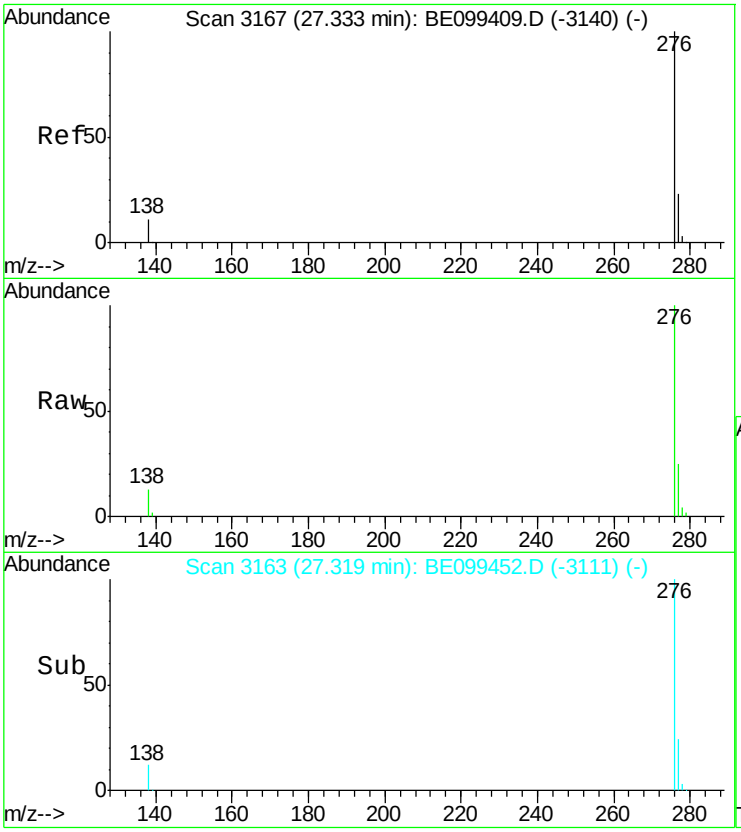


#38
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:278 Resp: 41279

Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.7	11.5
279	25.0	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 41217

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	12.9	9.6	14.4