Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099454.D
Acq On : 1 May 2019 9:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 02 04:12:20 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	7.81	152	2556	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	11182	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	8863	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25524	0.40	ng		0.00
27) Chrysene-d12	21.37	240	28537	0.40	ng		0.00
34) Perylene-d12	23.86	264	33185	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3010	0.43	ng		0.00
5) Phenol-d6	6.97	99	4677	0.50	ng		0.00
8) Nitrobenzene-d5	8.96	82	4113	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	8595	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2283	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	13431	0.40	ng		-0.02
25) Fluoranthene-d10	19.22	212	124369	0.36	ng		0.00
29) Terphenyl-d14	19.81	244	25301	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1256	0.357	ng		93
3) n-Nitrosodimethylamine	3.64	42	774	0.365	ng	#	83
6) bis(2-Chloroethyl)ether	7.23	93	3201	0.395	ng		99
9) Naphthalene	10.65	128	50275	0.413	ng		100
10) Hexachlorobutadiene	10.93	225	3350	0.395	ng		100
12) 2-Methylnaphthalene	12.27	142	9168	0.433	ng		96
16) Acenaphthylene	14.18	152	17606	0.406	ng		98
17) Acenaphthene	14.51	154	10123	0.409	ng		99
18) Fluorene	15.49	166	14604	0.400	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	5985	0.403	ng		92
21) Hexachlorobenzene	16.49	284	5962	0.421	ng		98
22) Pentachlorophenol	16.84	266	2548	0.515	ng		98
23) Phenanthrene	17.23	178	26015	0.395	ng		99
24) Anthracene	17.32	178	24598	0.392	ng		99
26) Fluoranthene	19.25	202	36229	0.367	ng		100
28) Pyrene	19.61	202	37159	0.500	ng		100
30) Benzo(a)anthracene	21.34	228	41873	0.461	ng		97
31) Chrysene	21.40	228	40061	0.450	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	63526	0.424	ng		99
33) Indeno(1,2,3-cd)pyrene	26.51	276	47248	0.449	ng		99
35) Benzo(b)fluoranthene	23.14	252	37952	0.397	ng		99
36) Benzo(k)fluoranthene	23.14	252	37952	0.411	ng		100
37) Benzo(a)pyrene	23.75	252	37906	0.419	ng	#	98
38) Dibenzo(a,h)anthracene	26.53	278	38056	0.411	ng		99
39) Benzo(g,h,i)perylene	27.32	276	38663	0.417	ng		99

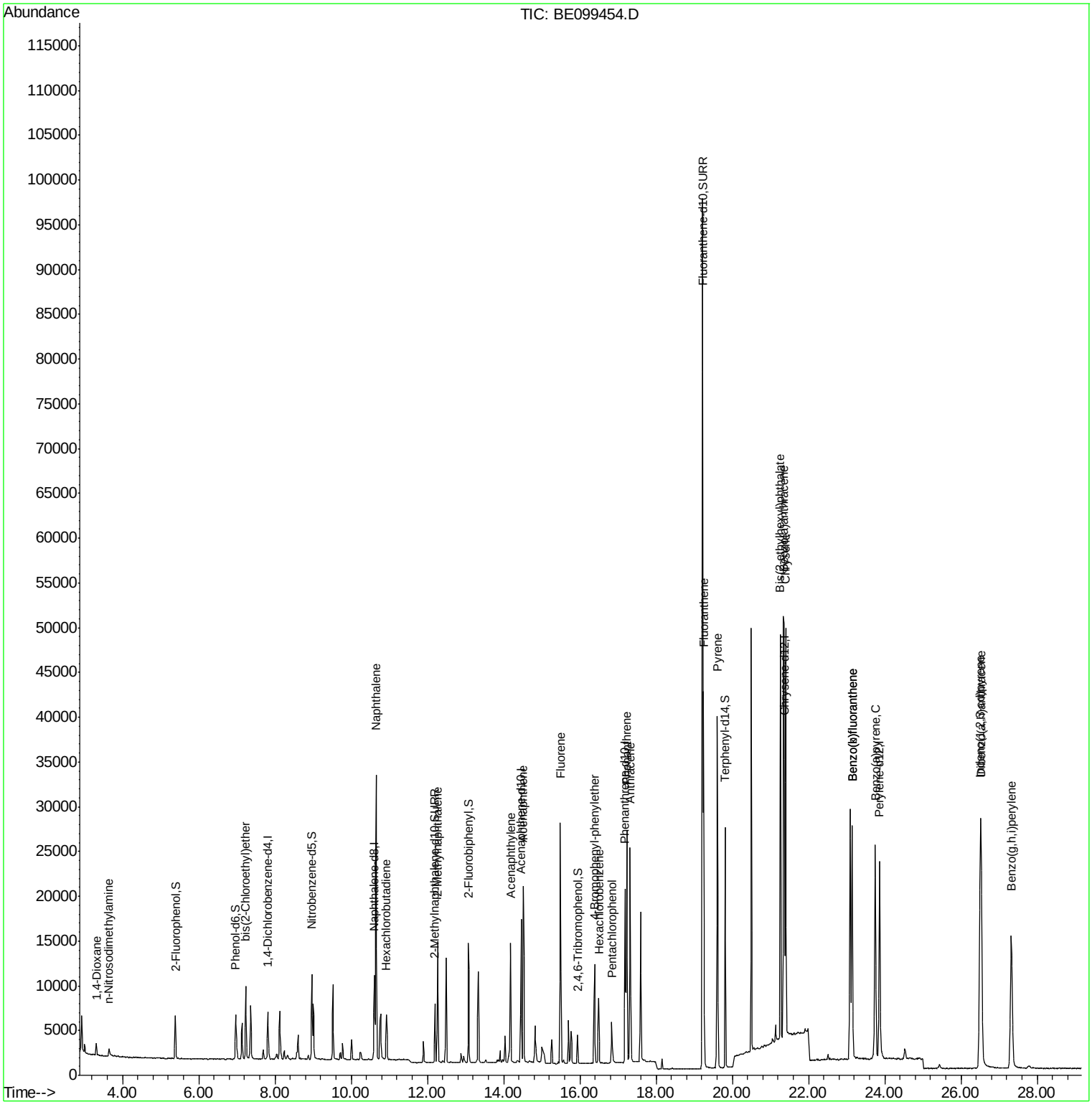
(#) = qualifier out of range (m) = manual integration (+) = signals summed

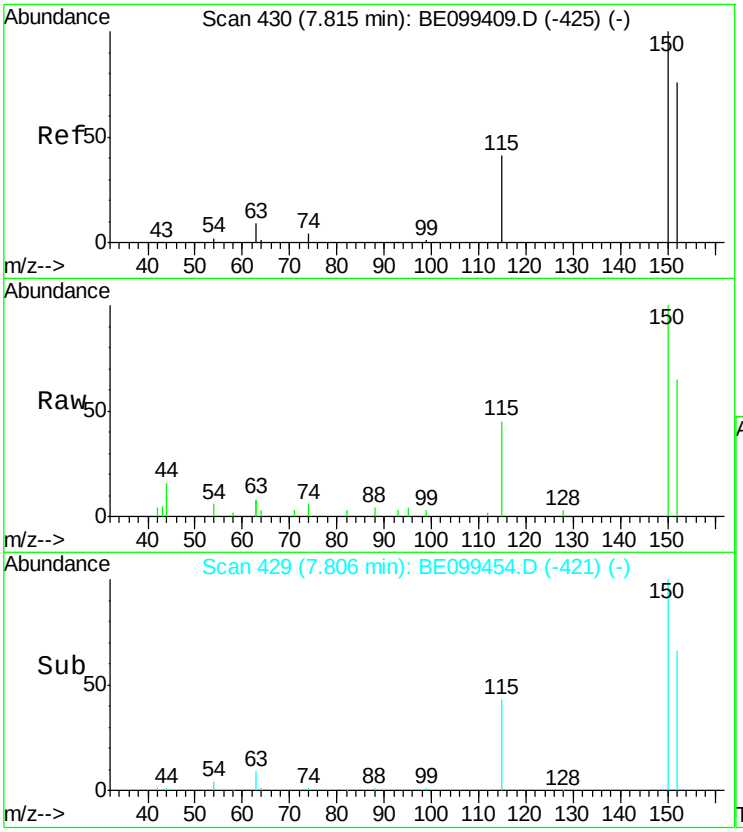
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099454.D
Acq On : 1 May 2019 9:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 02 04:12:20 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



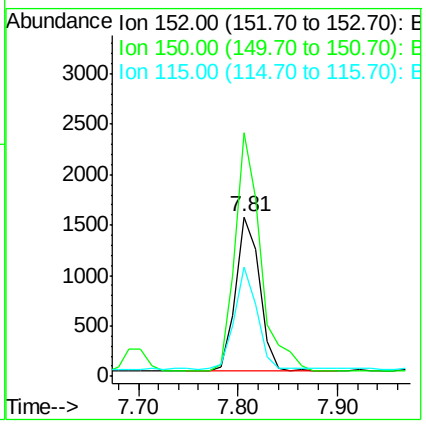


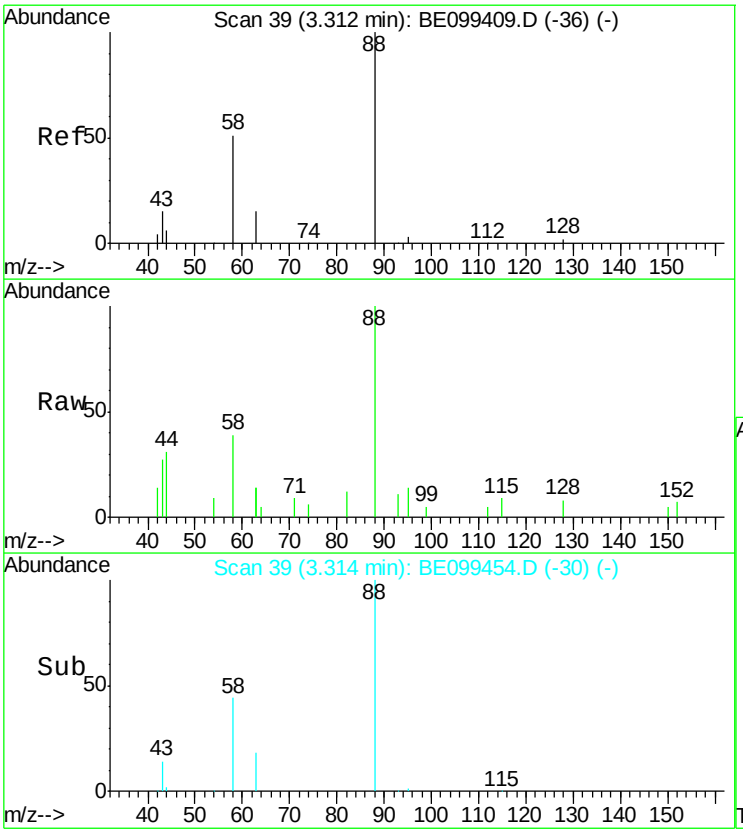
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2556

Ion	Ratio	Lower	Upper
152	100		
150	152.8	104.8	157.2
115	68.5	46.6	69.8

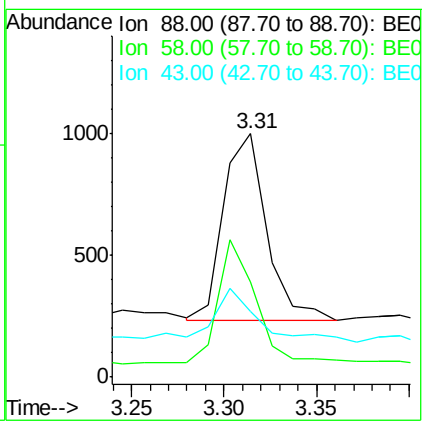


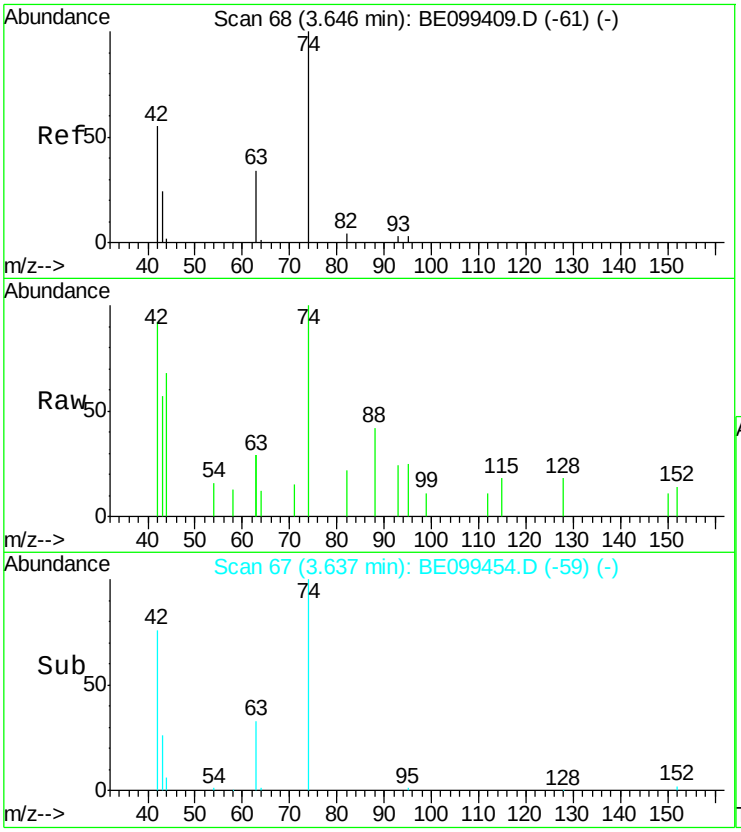


#2
1,4-Dioxane
Concen: 0.357 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion: 88 Resp: 1256

Ion	Ratio	Lower	Upper
88	100		
58	58.4	51.0	76.6
43	22.9	20.6	30.8



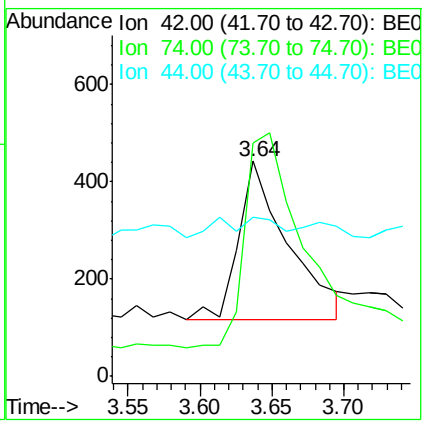


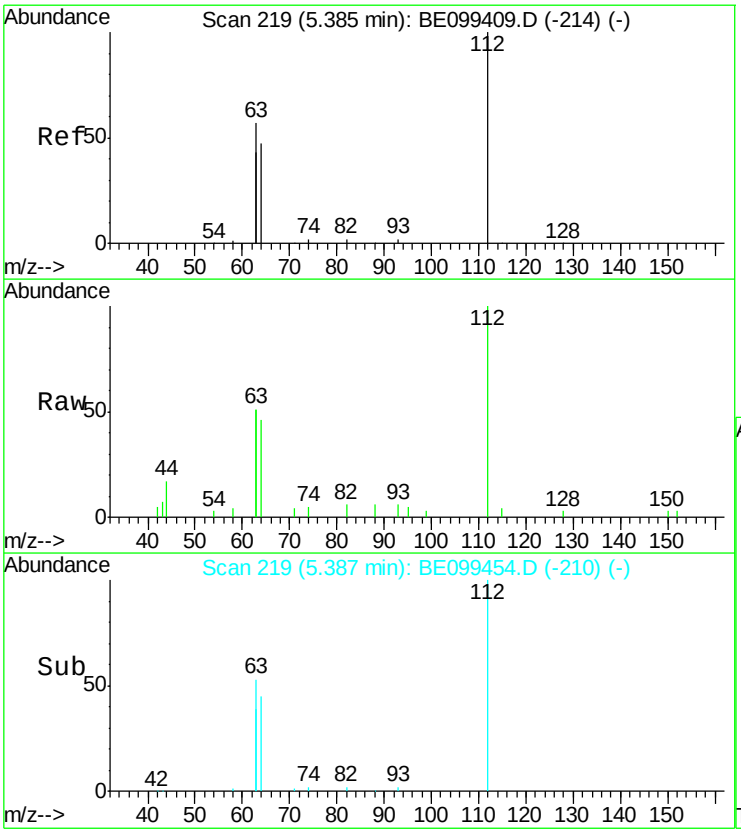
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 774

Ion	Ratio	Lower	Upper
42	100		
74	153.1	141.6	212.4
44	0.0	0.0	0.0

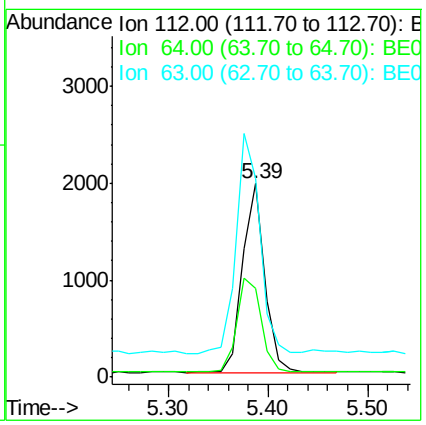


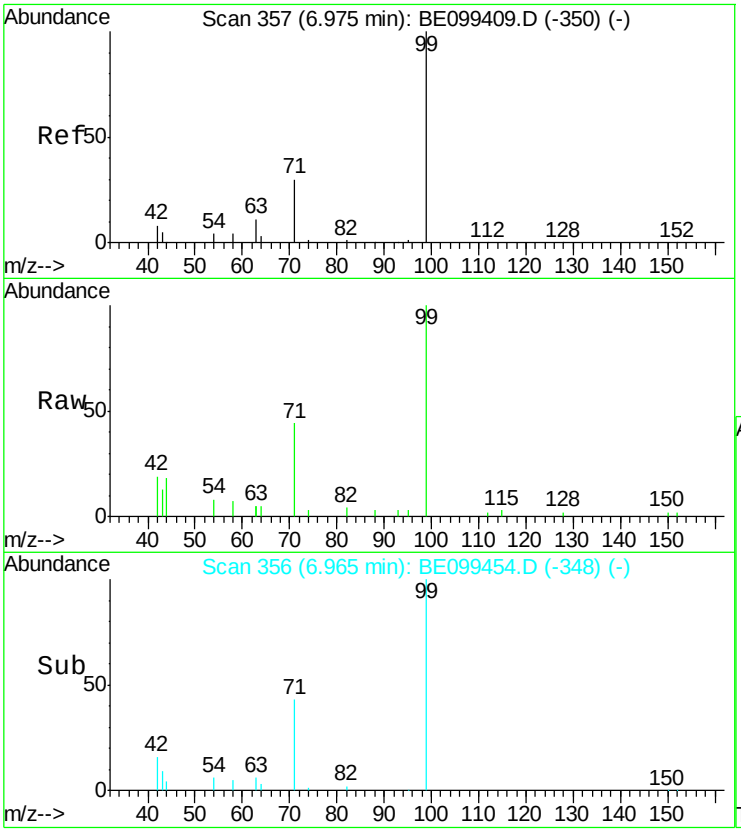


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:112 Resp: 3010

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.4	71.0
63	123.9	104.3	156.5



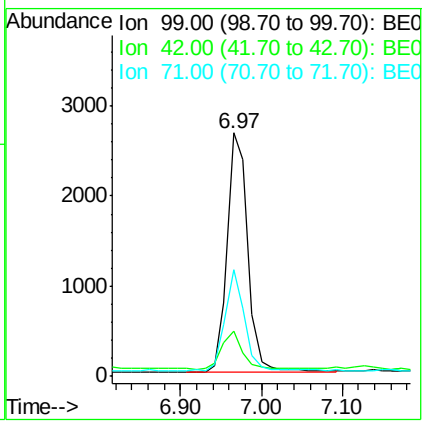


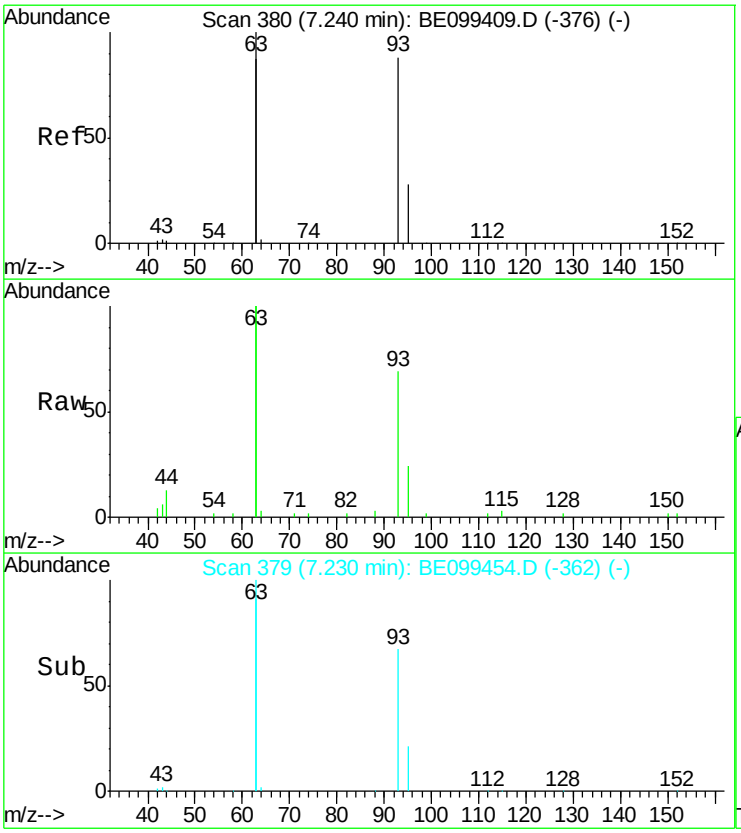
#5
Phenol-d6
Concen: 0.498 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4677

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.9	22.3
71	39.4	33.0	49.6

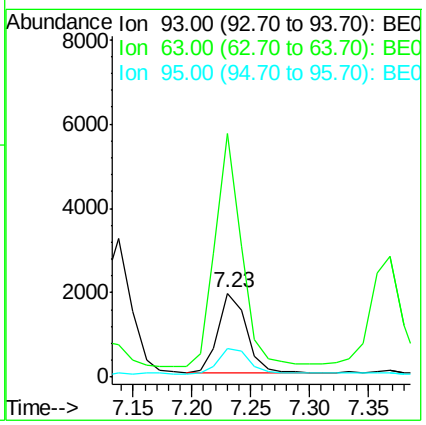


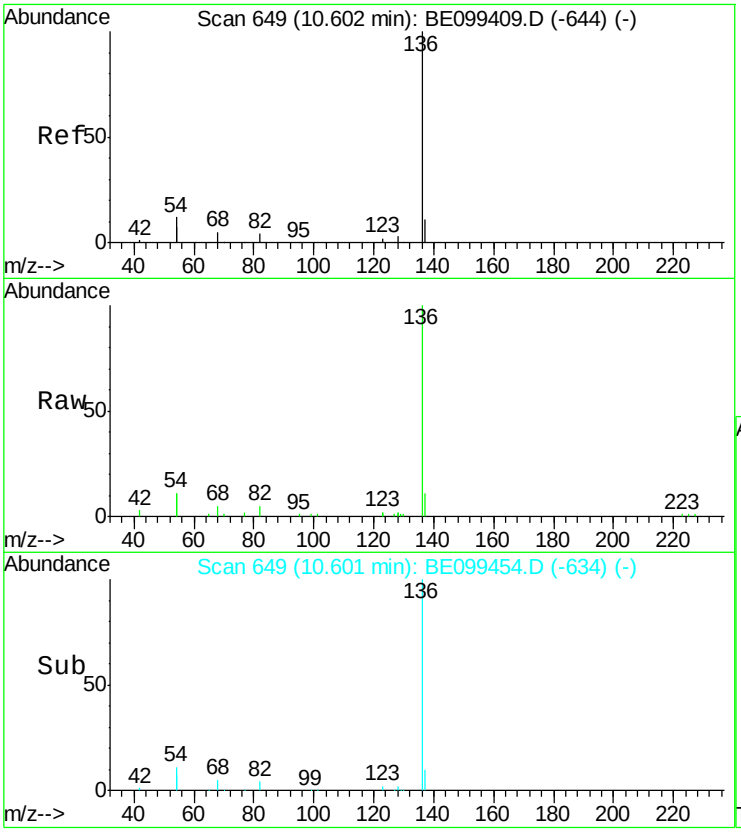


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion: 93 Resp: 3201

Ion	Ratio	Lower	Upper
93	100		
63	270.2	215.6	323.4
95	33.6	26.2	39.2



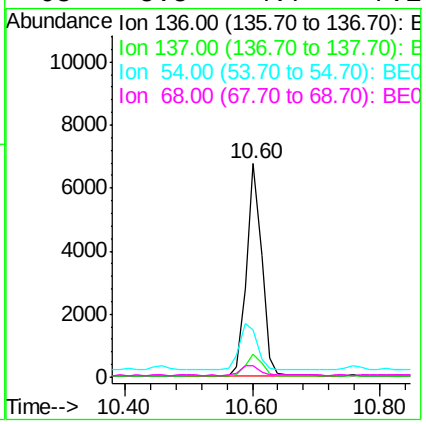


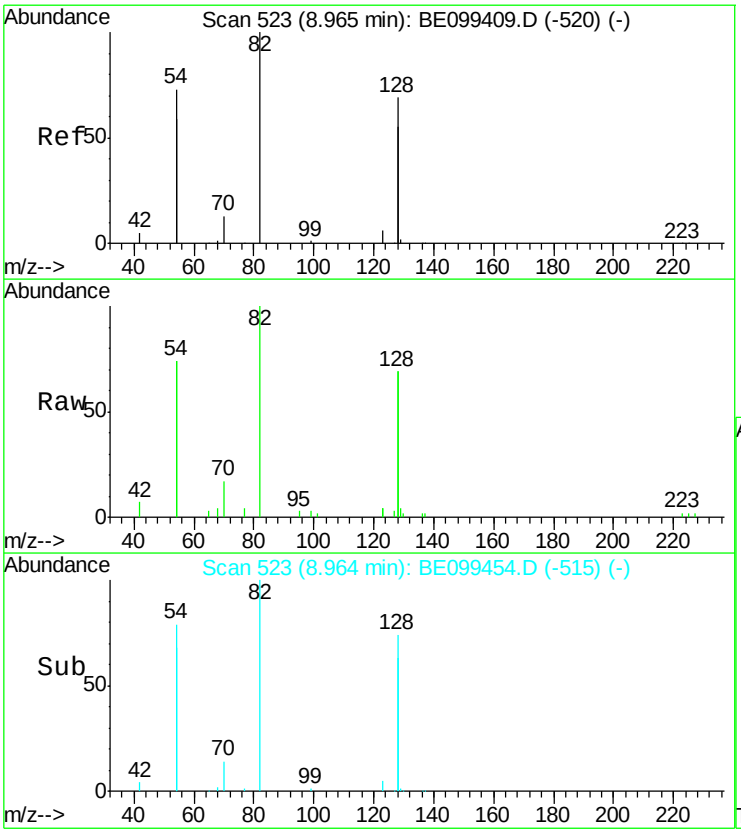
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11182

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	22.2	18.5	27.7
68	5.5	4.7	7.1

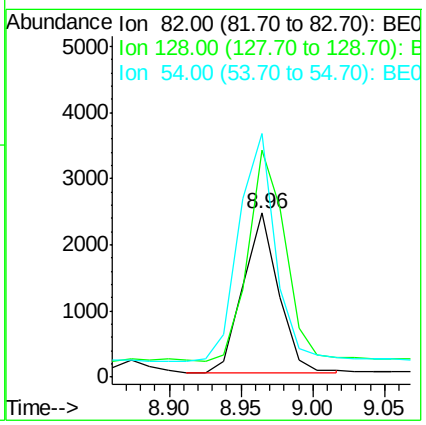


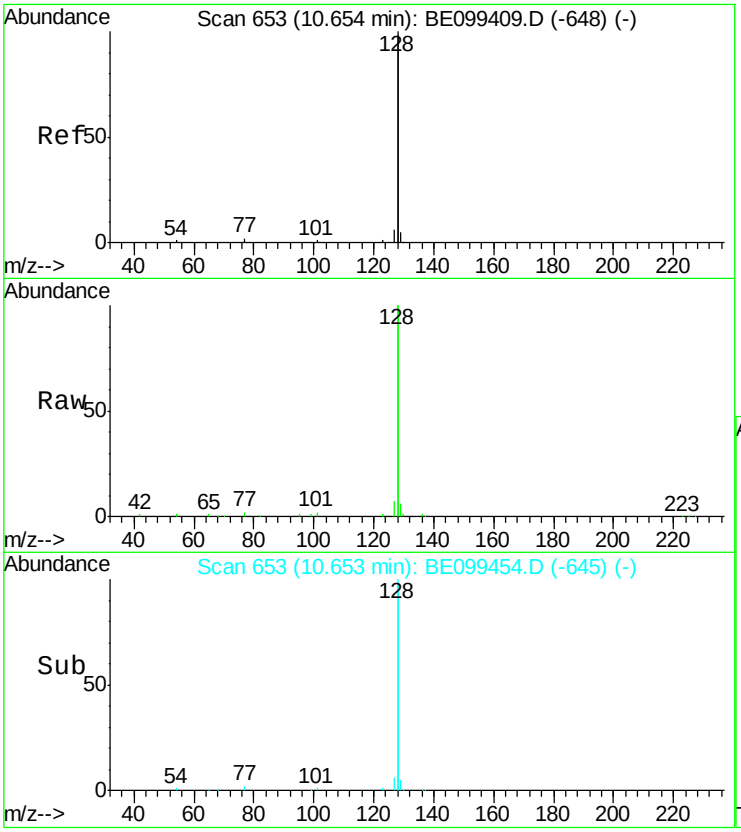


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion: 82 Resp: 4113

Ion	Ratio	Lower	Upper
82	100		
128	138.5	107.0	160.4
54	148.4	113.1	169.7



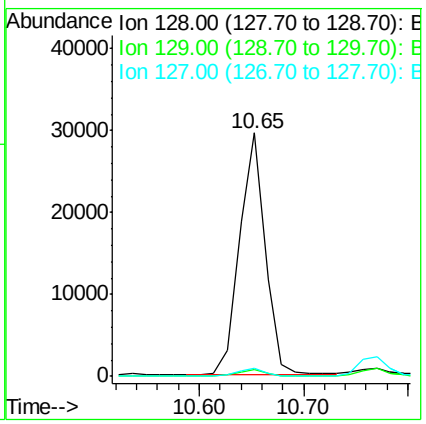


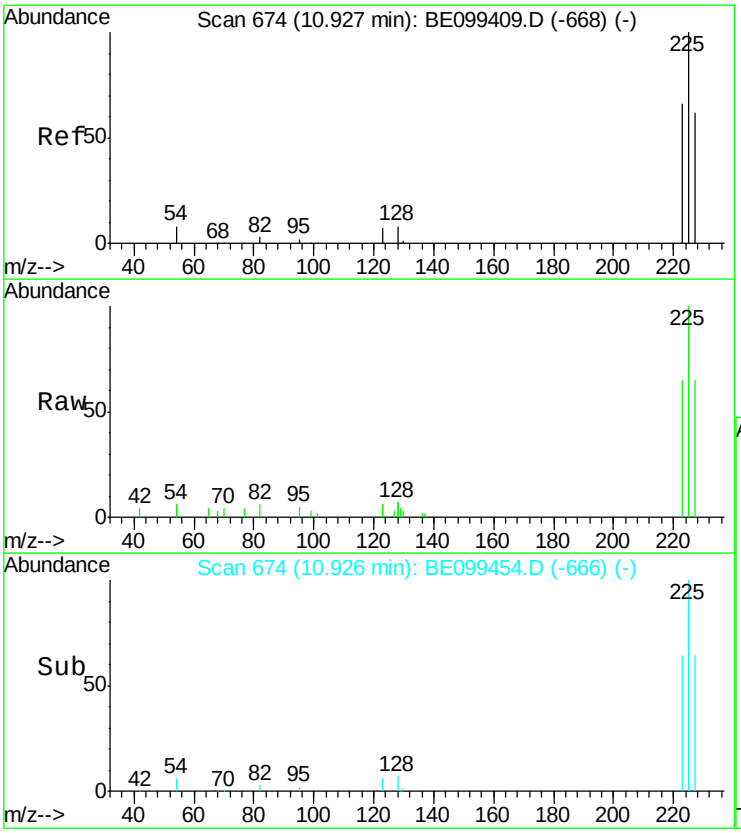
#9
Naphthalene
Concen: 0.413 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 50275

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.4	2.8	4.2

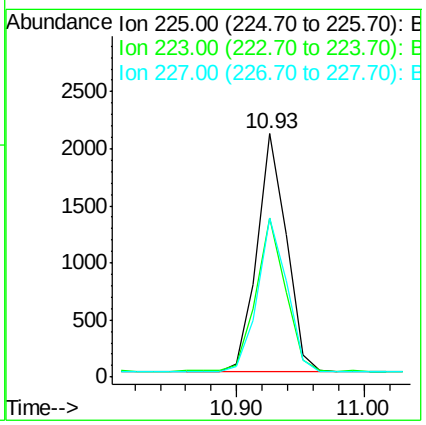


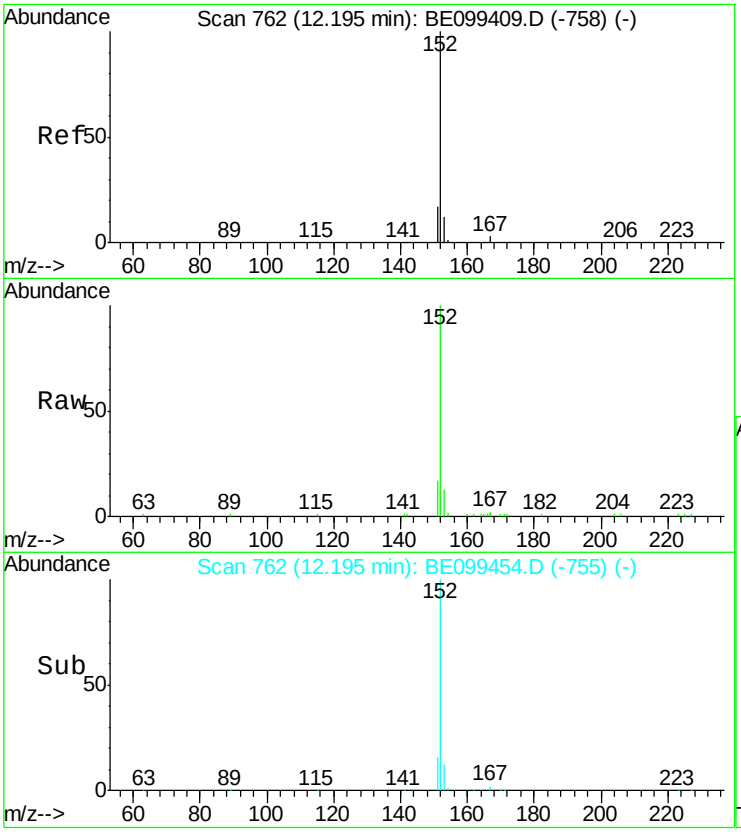


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:225 Resp: 3350

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.9	50.9	76.3



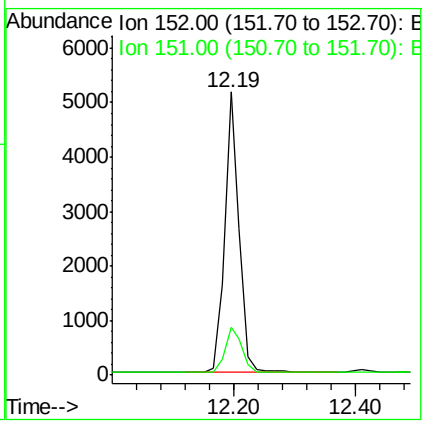


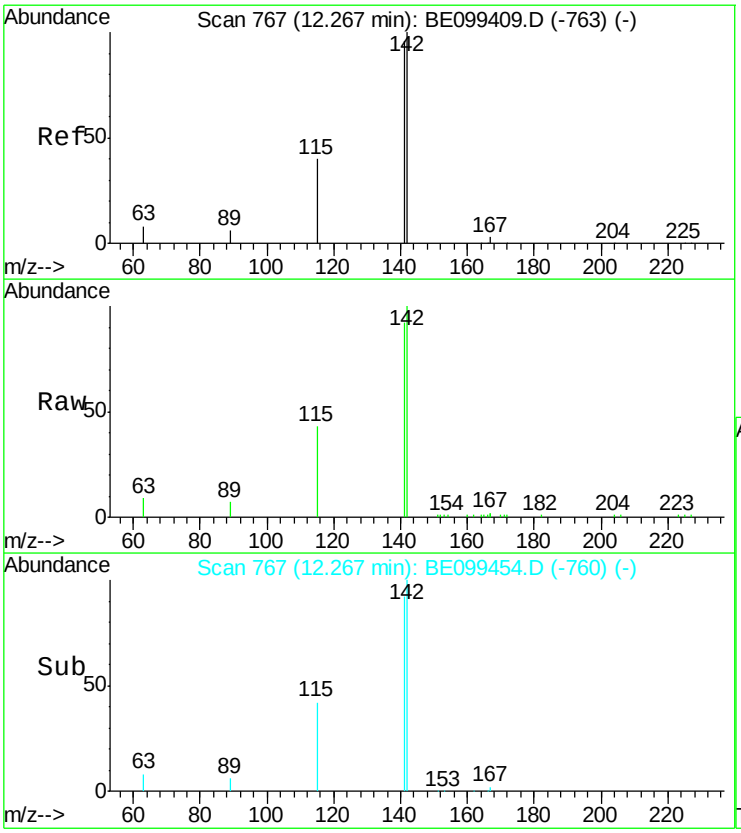
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8595

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.5	23.3

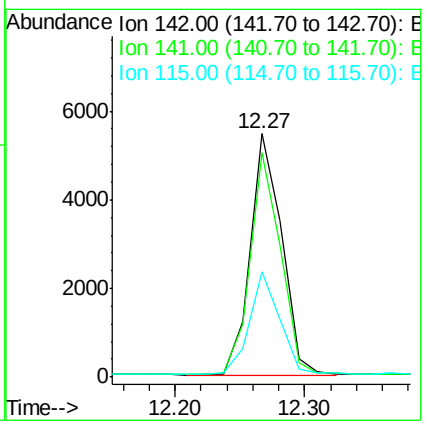


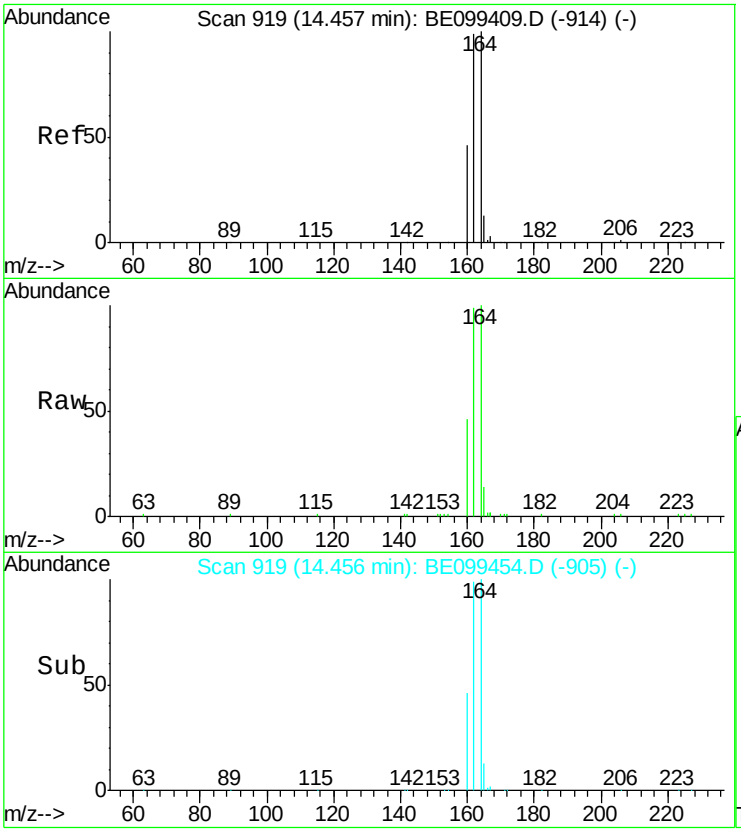


#12
2-Methylnaphthalene
Concen: 0.433 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:142 Resp: 9168

Ion	Ratio	Lower	Upper
142	100		
141	92.0	77.0	115.4
115	43.0	33.4	50.0



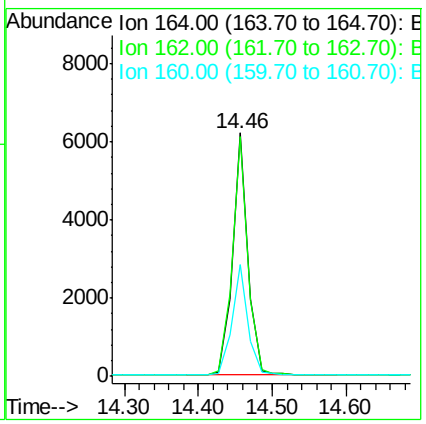


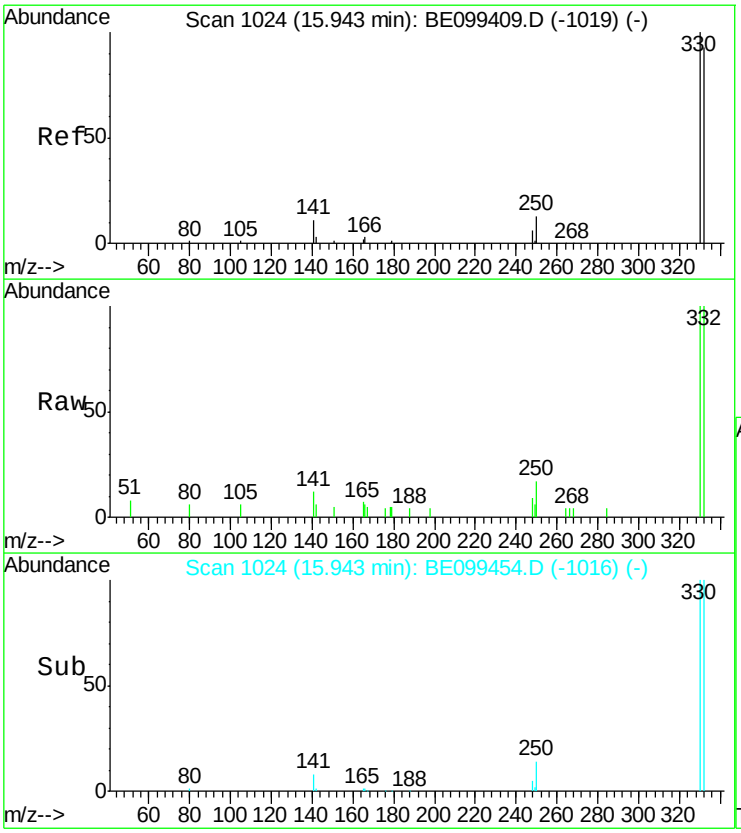
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8863

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.0	118.4
160	46.1	37.0	55.4

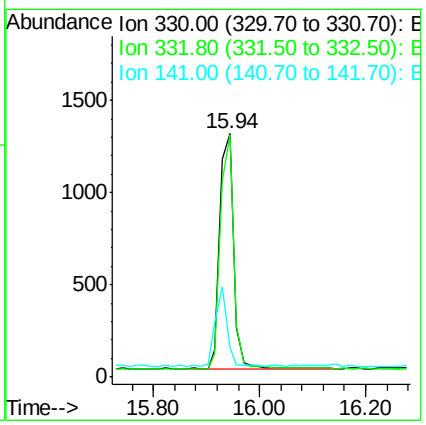


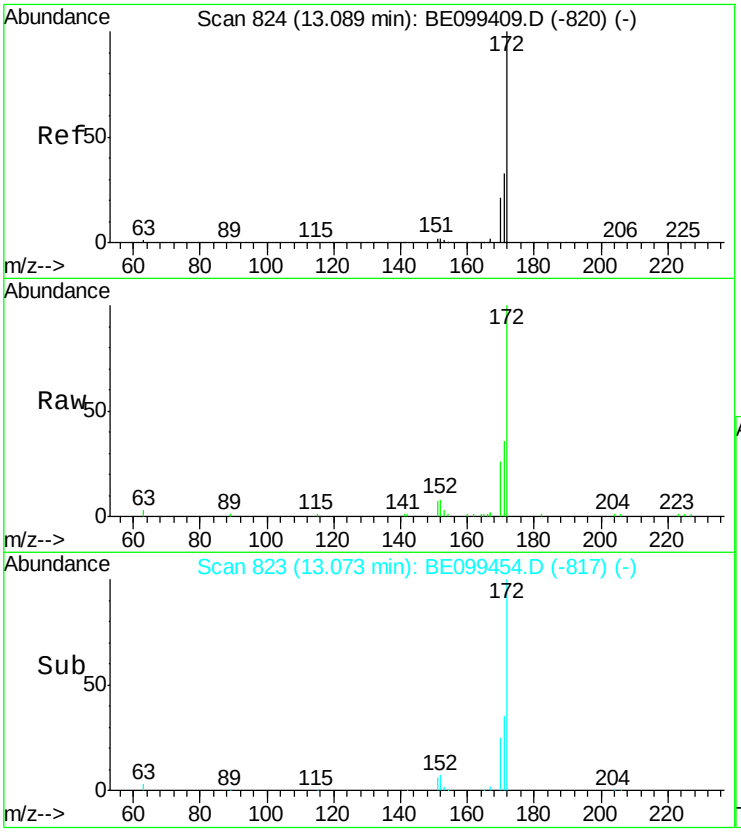


#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:330 Resp: 2283

Ion	Ratio	Lower	Upper
330	100		
332	94.7	71.5	107.3
141	28.5	24.0	36.0



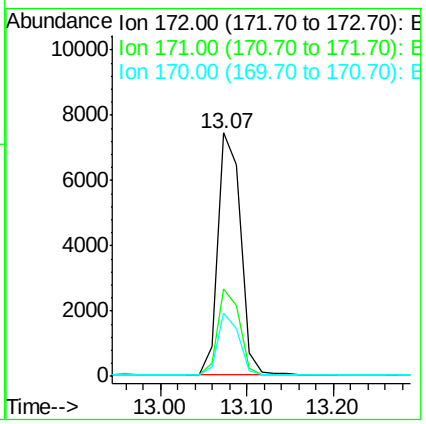


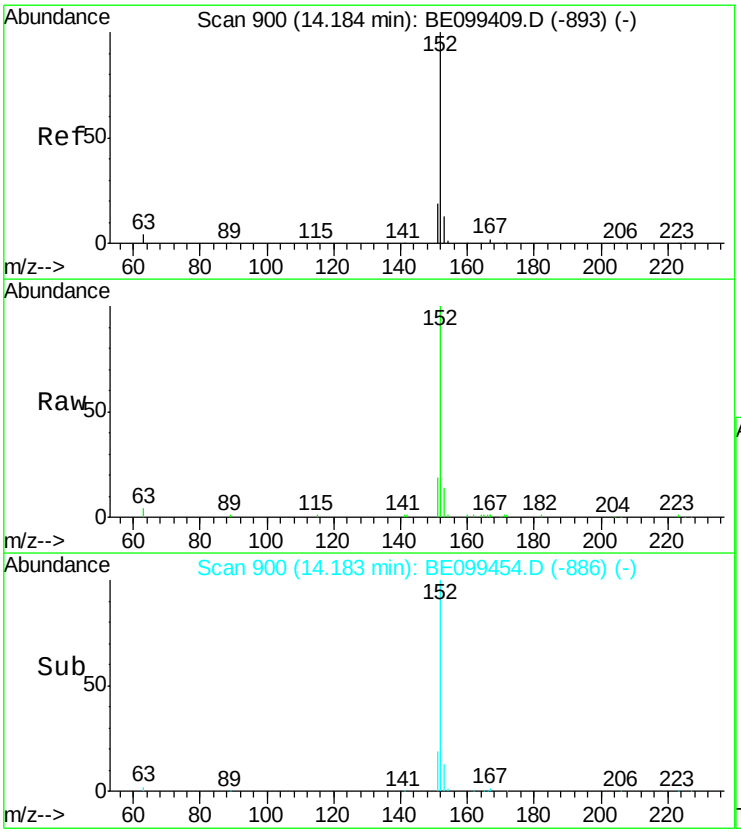
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13431

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	26.0	17.0	25.6#

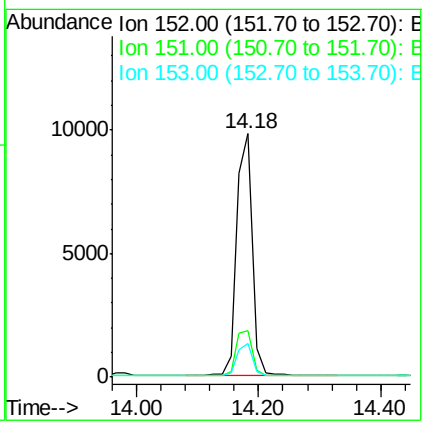


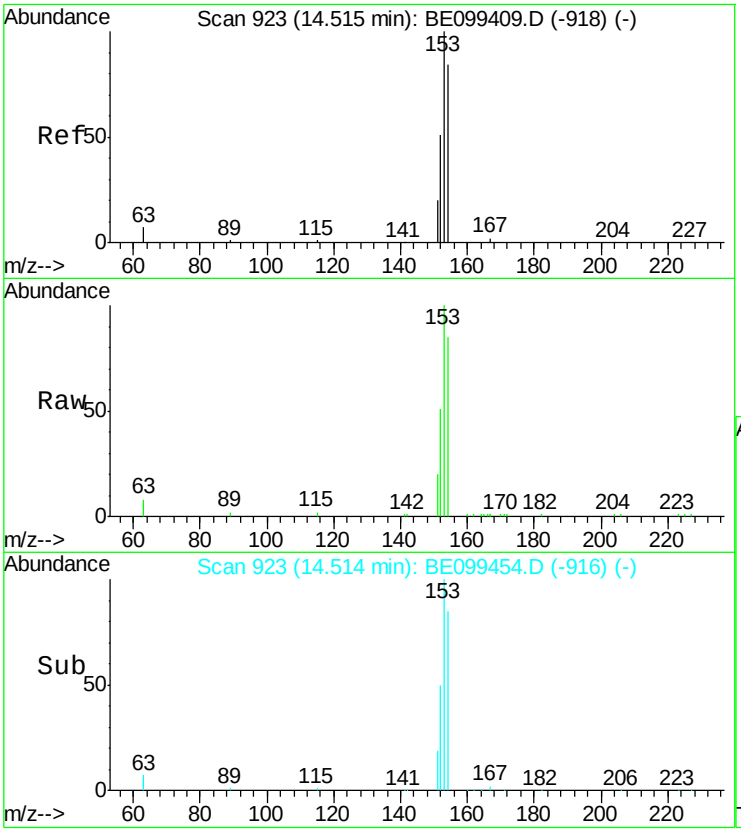


#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:152 Resp: 17606

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.1	9.8	14.6



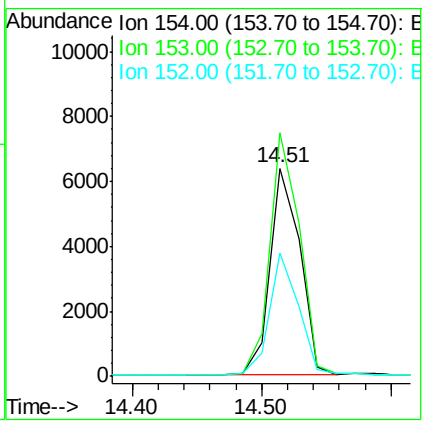


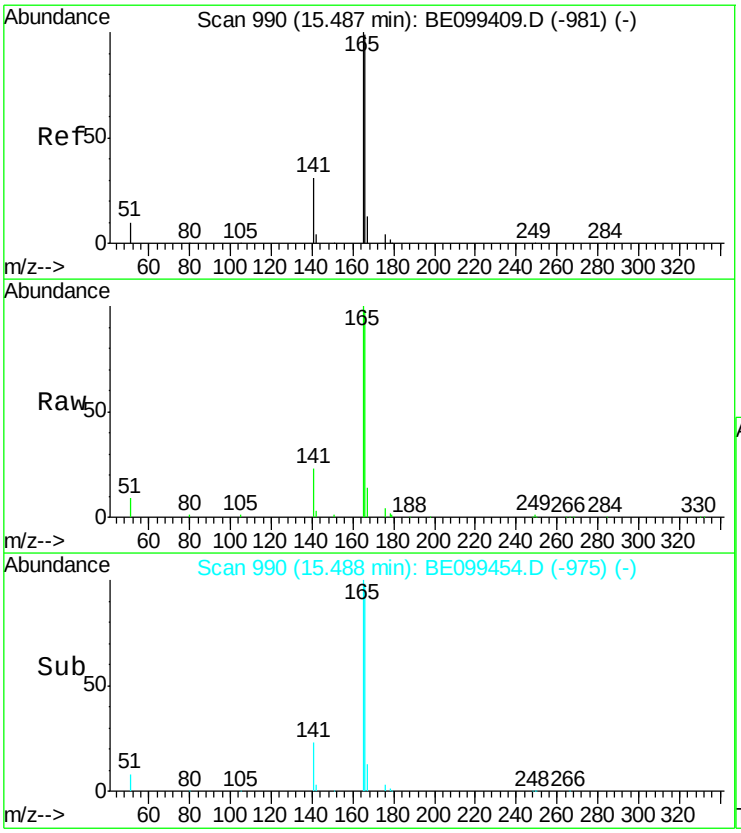
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10123

Ion	Ratio	Lower	Upper
154	100		
153	116.9	92.6	138.8
152	56.7	45.8	68.8

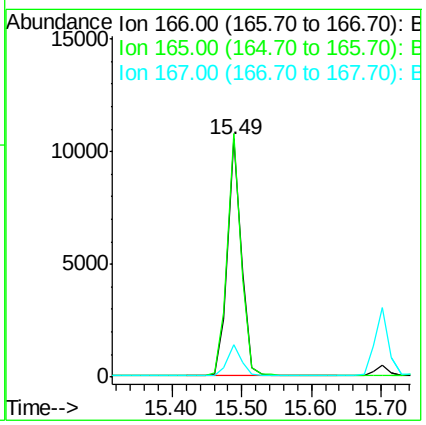


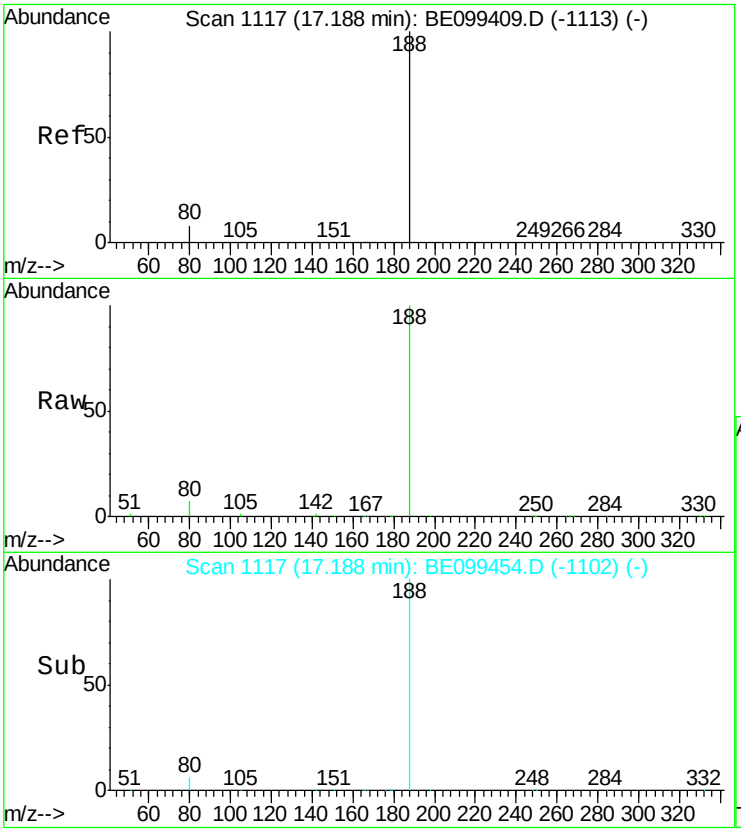


#18
Fluorene
Concen: 0.400 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:166 Resp: 14604

Ion	Ratio	Lower	Upper
166	100		
165	101.9	80.3	120.5
167	13.4	10.7	16.1



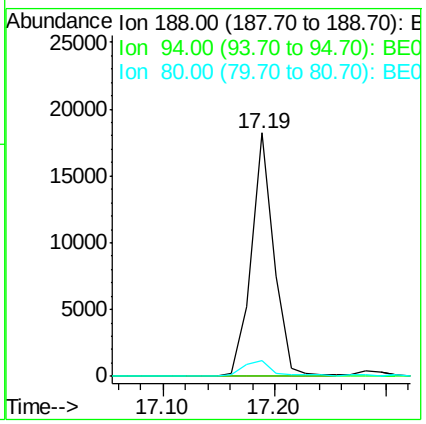


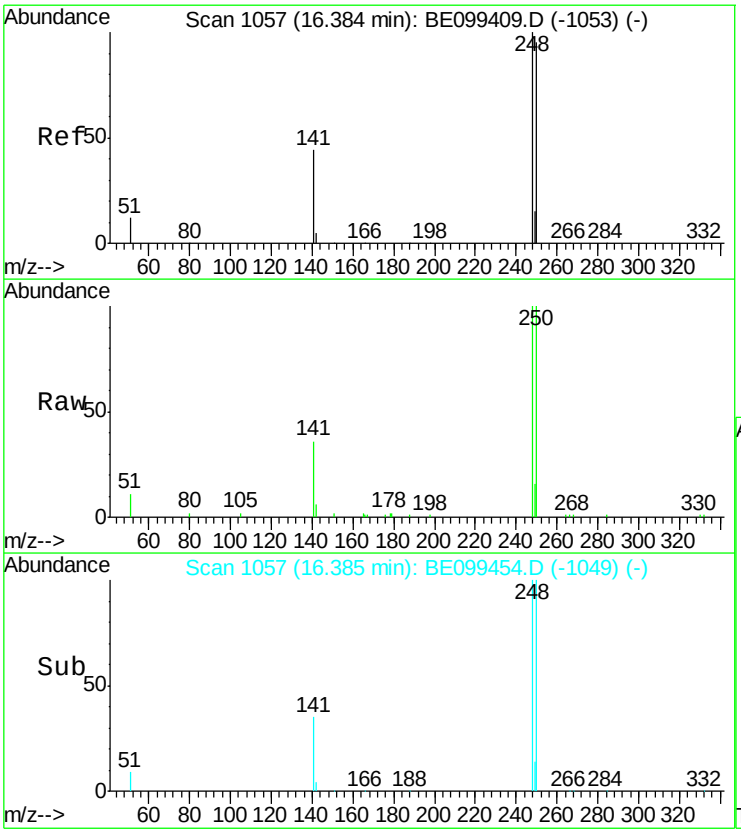
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 25524

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

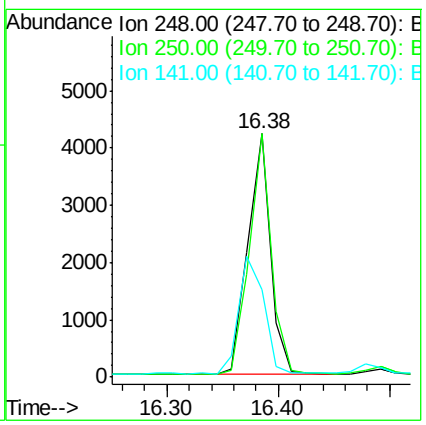


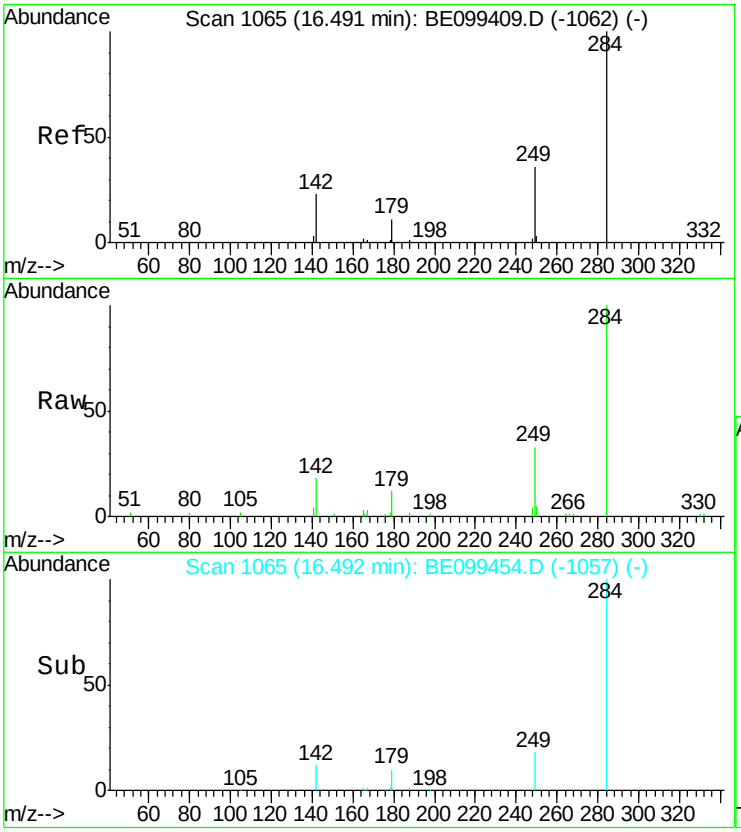


#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:248 Resp: 5985

Ion	Ratio	Lower	Upper
248	100		
250	99.9	75.8	113.8
141	35.8	35.7	53.5



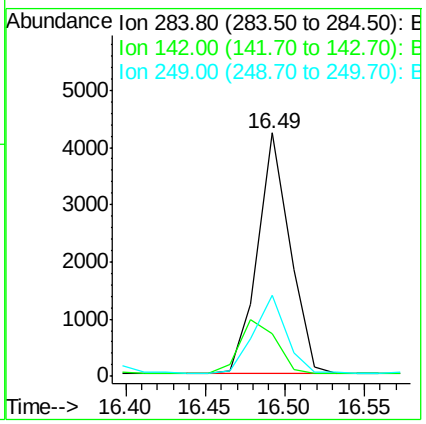


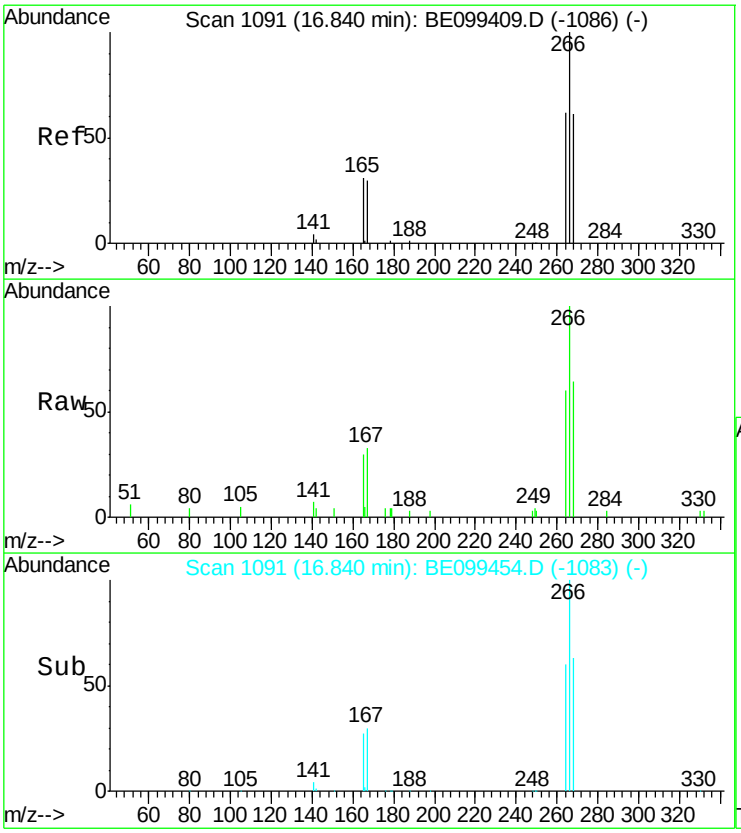
#21
Hexachlorobenzene
Concen: 0.421 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5962

Ion	Ratio	Lower	Upper
284	100		
142	25.1	21.0	31.6
249	31.9	26.7	40.1

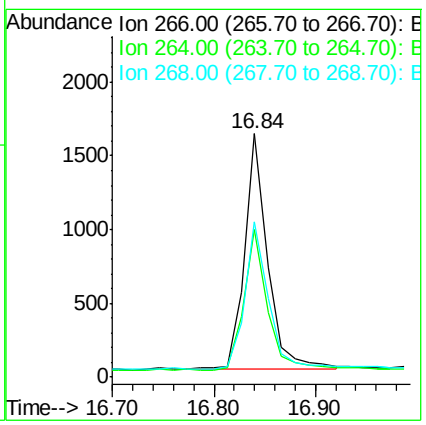


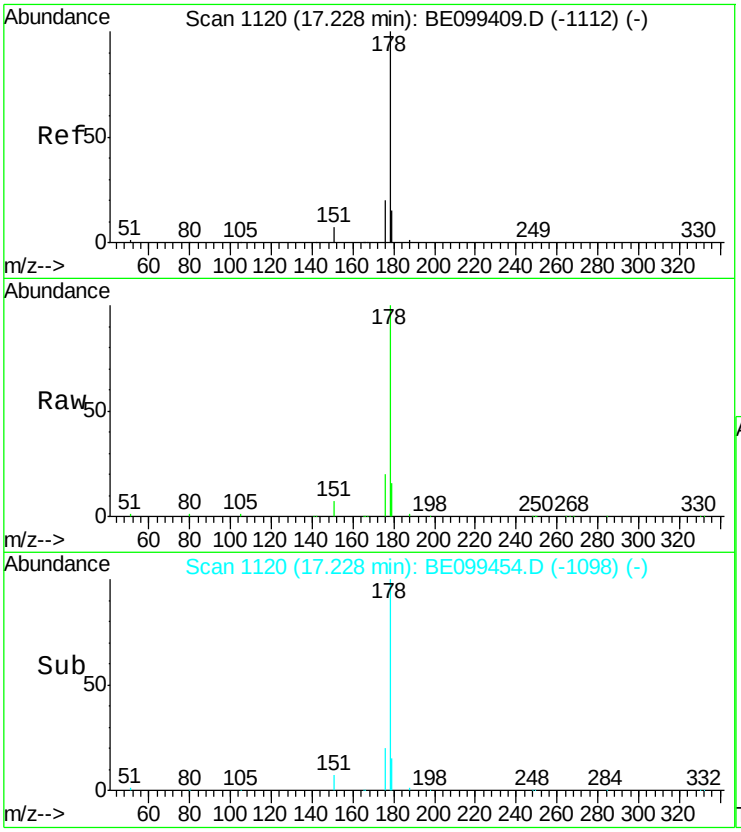


#22
Pentachlorophenol
Concen: 0.515 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:266 Resp: 2548

Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.8	76.2
268	63.8	50.5	75.7



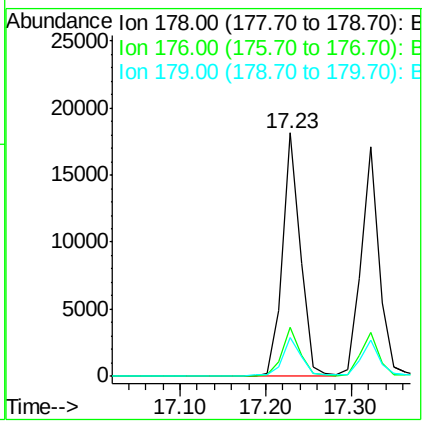


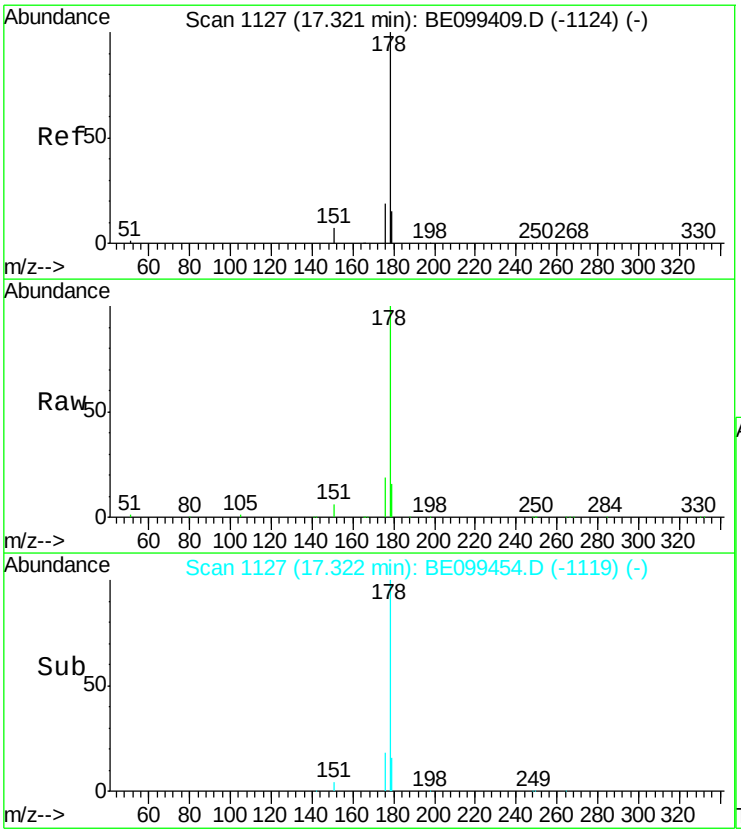
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 26015

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.7	12.0	18.0

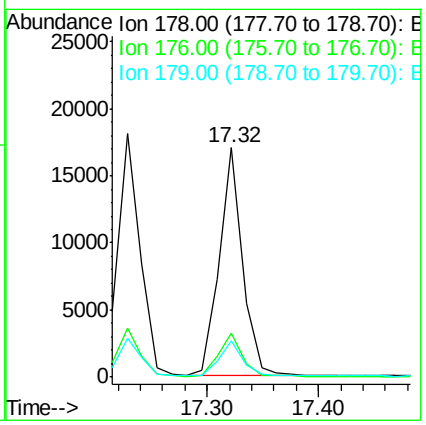


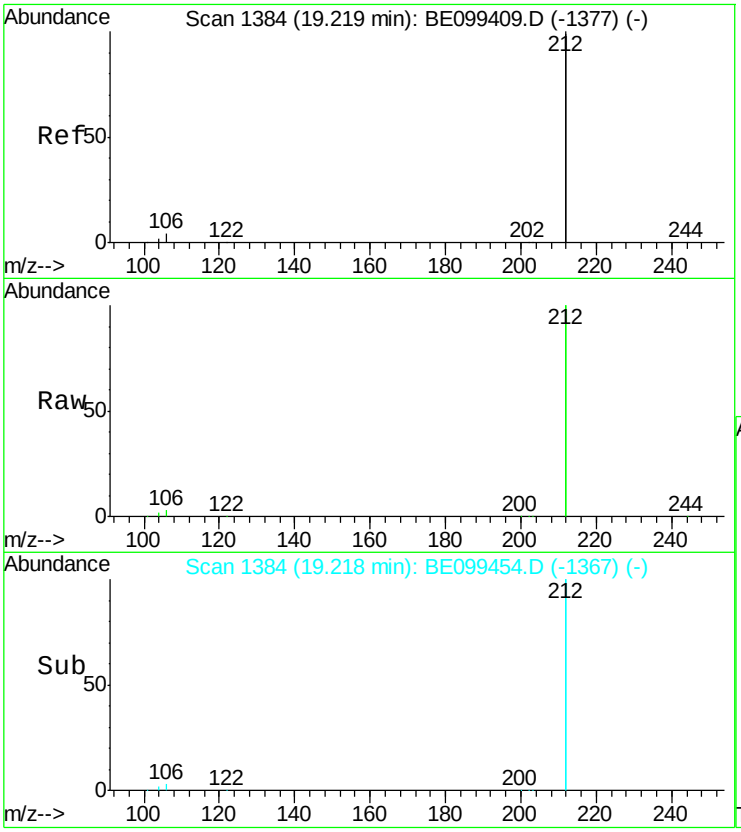


#24
Anthracene
Concen: 0.392 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:178 Resp: 24598

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	11.9	17.9



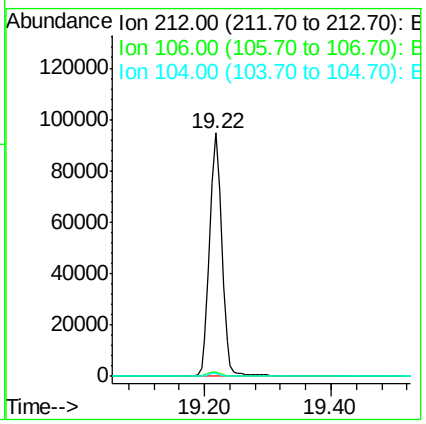


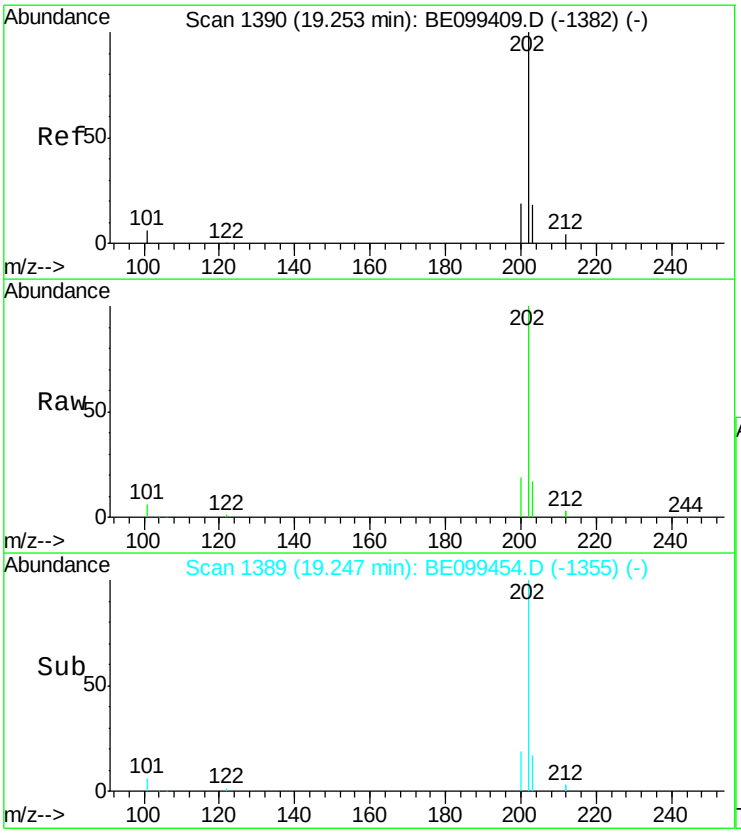
#25
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 124369

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.0	0.9	1.3

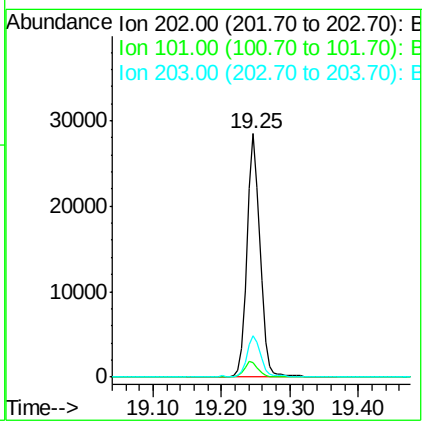


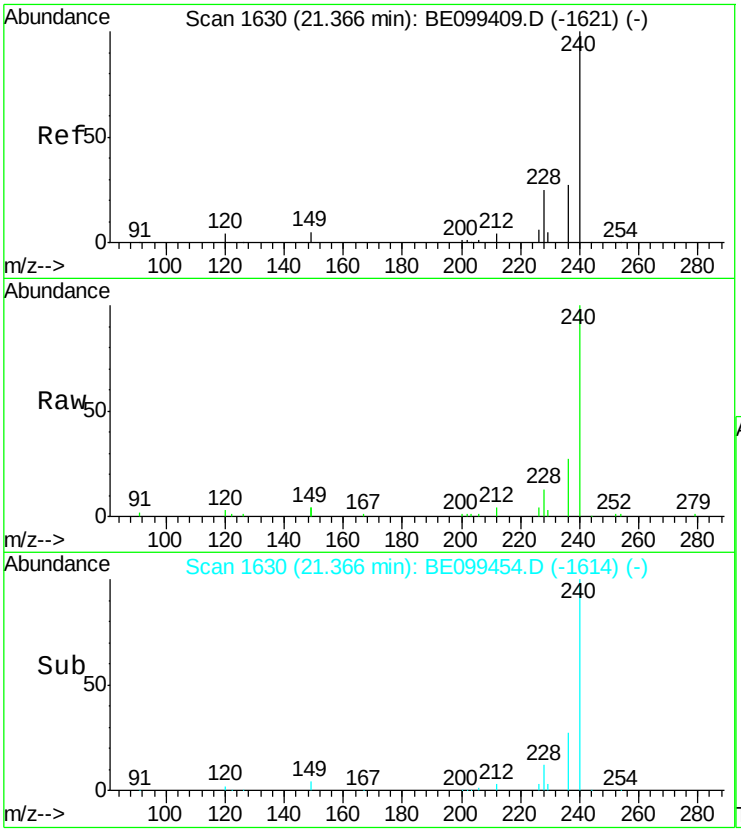


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:202 Resp: 36229

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	17.3	13.9	20.9



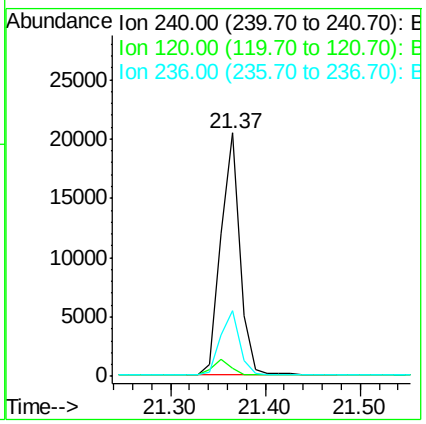


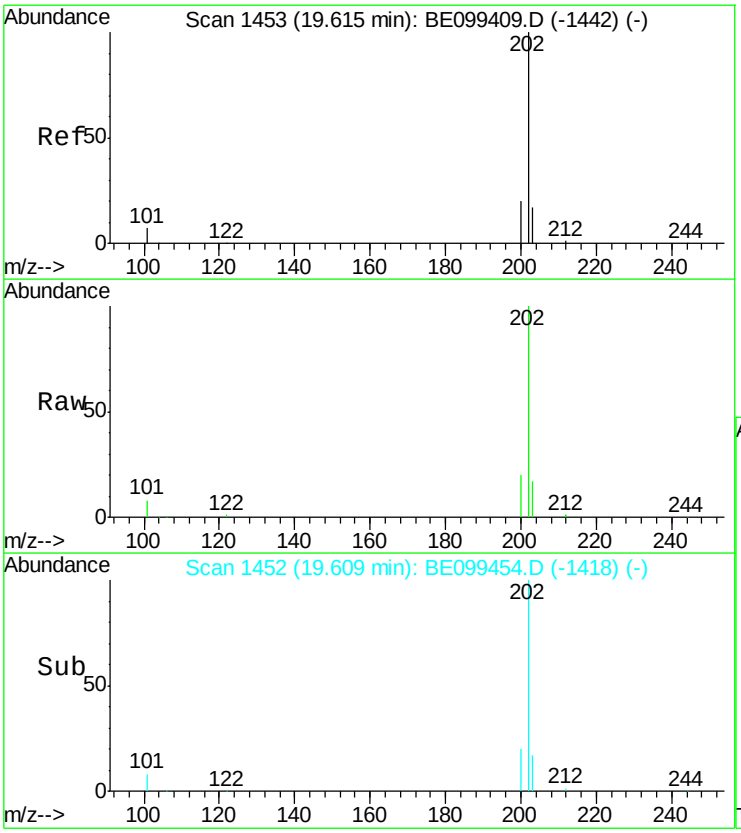
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 28537

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.0	6.0#
236	27.2	22.0	33.0

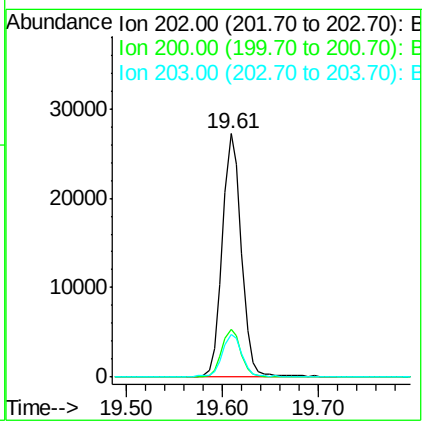


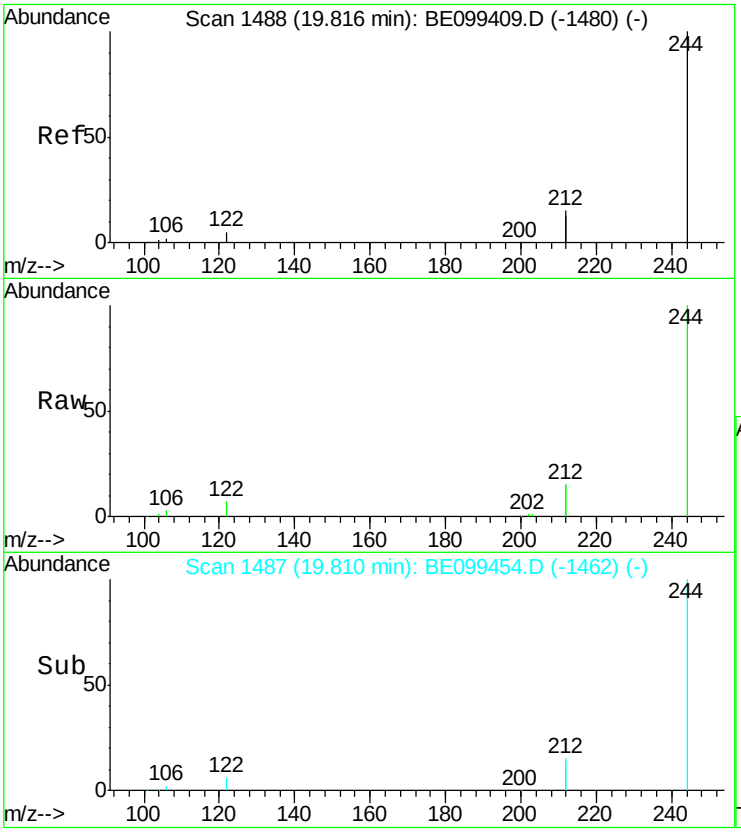


#28
Pyrene
Concen: 0.500 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:202 Resp: 37159

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.7	13.9	20.9



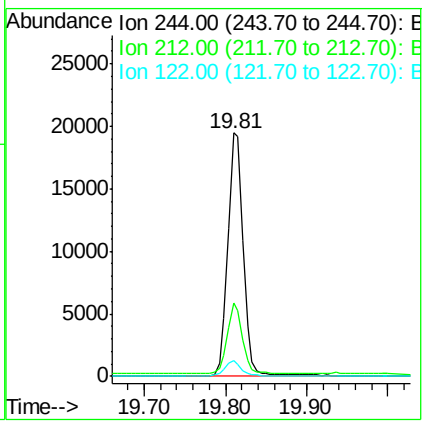


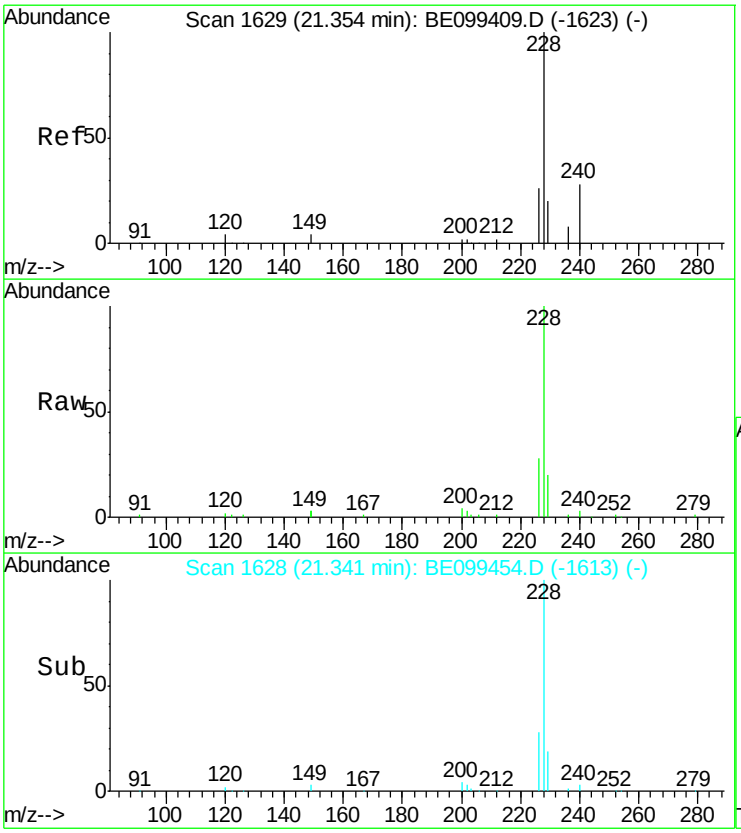
#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 25301

Ion	Ratio	Lower	Upper
244	100		
212	30.0	23.2	34.8
122	6.7	4.2	6.4#

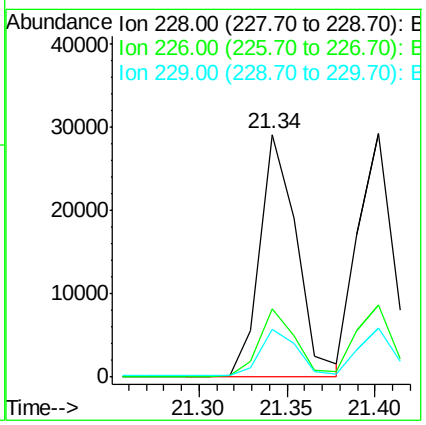


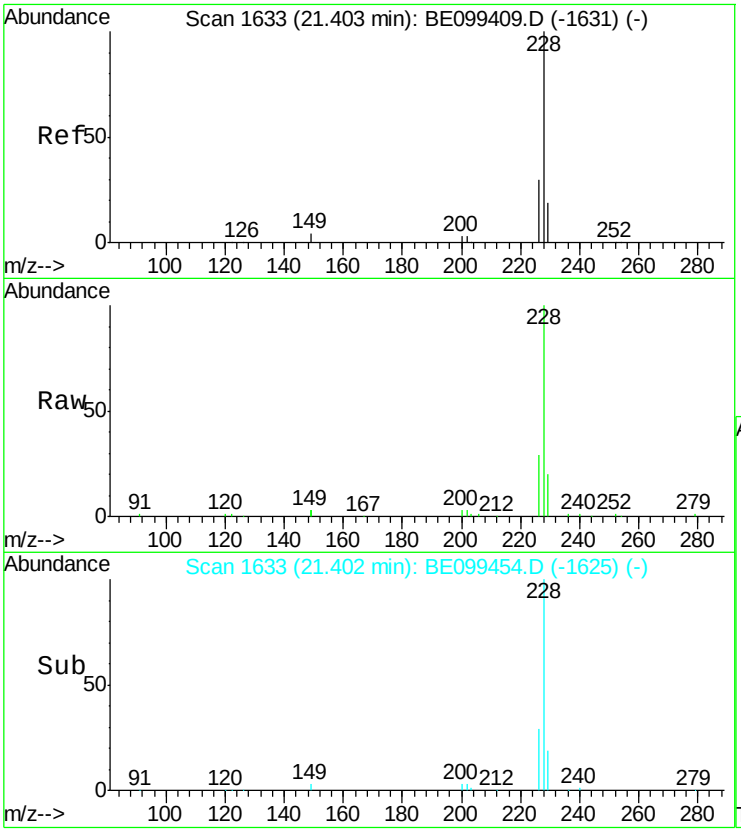


#30
Benzo(a)anthracene
Concen: 0.461 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:228 Resp: 41873

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.6
229	19.6	16.6	25.0



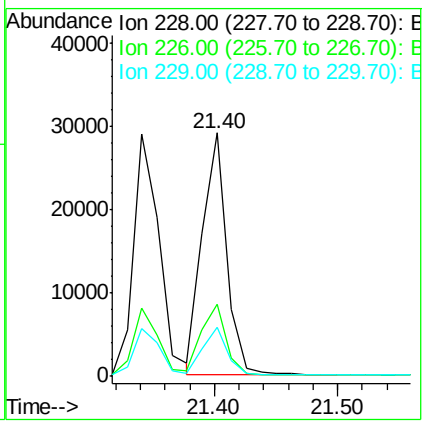


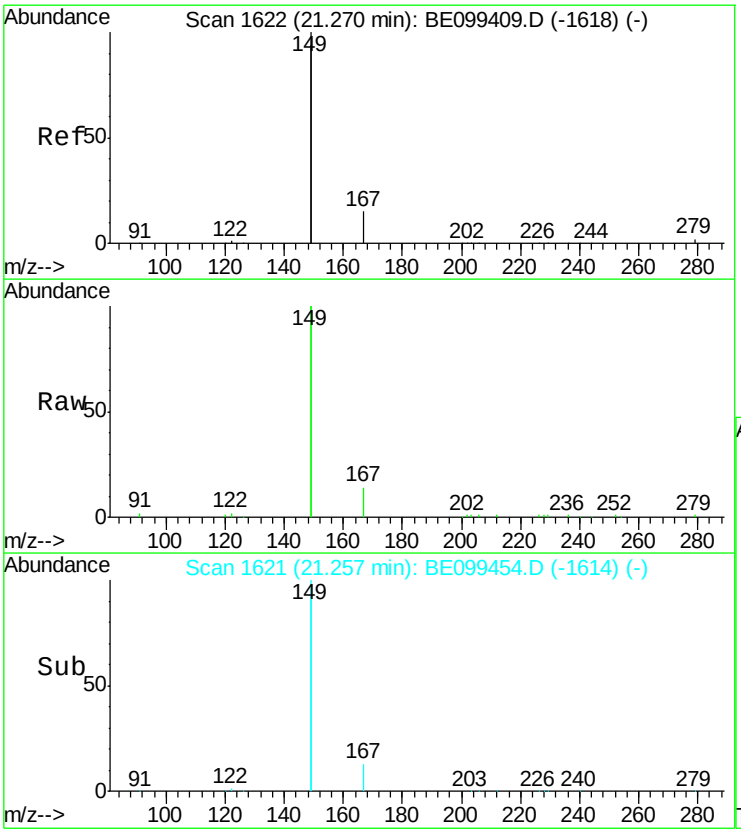
#31
Chrysene
Concen: 0.450 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 40061

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.9	15.8	23.8

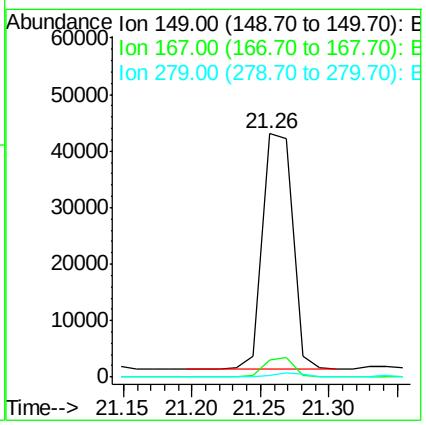


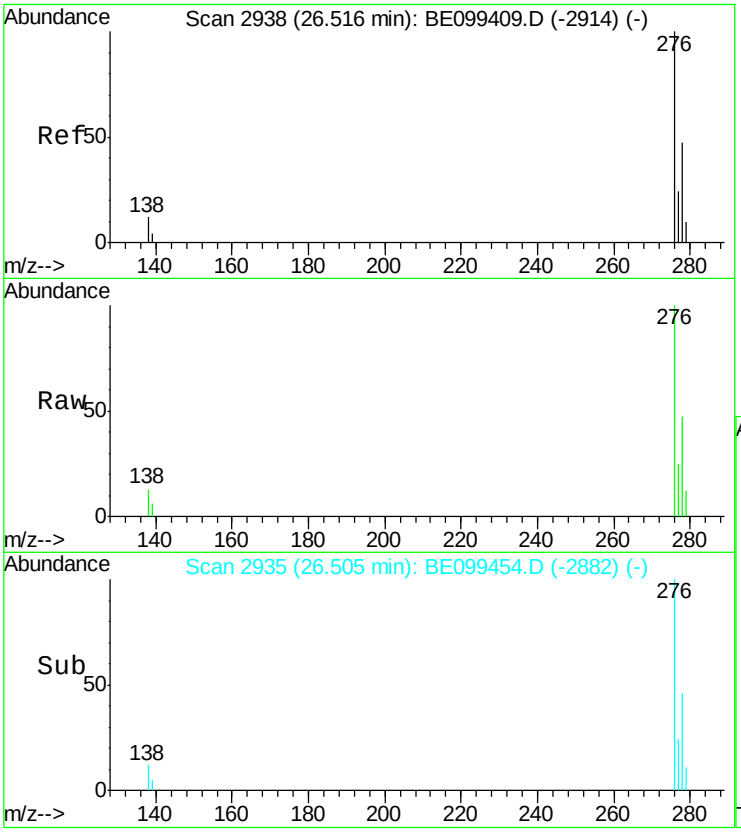


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.424 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:149 Resp: 63526

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.5	1.0	1.6



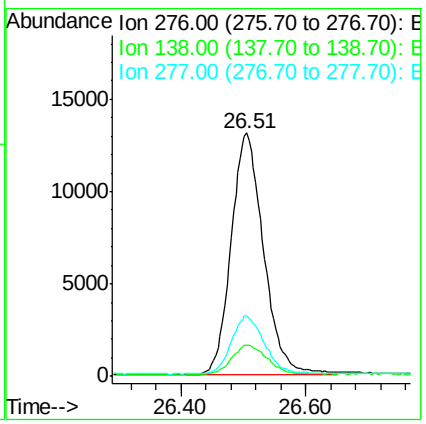


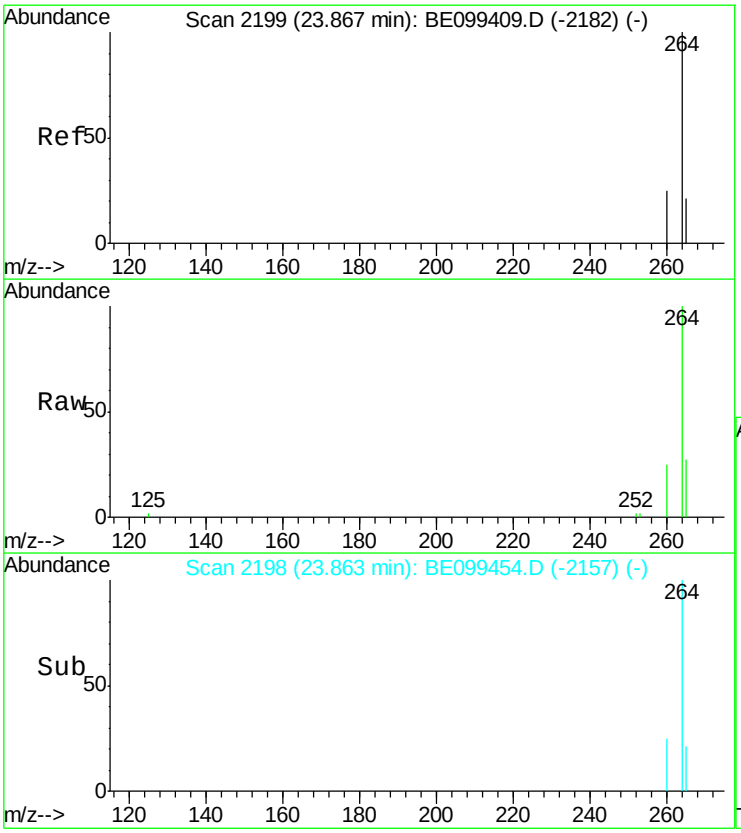
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 47248

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.2	15.2
277	24.4	19.2	28.8

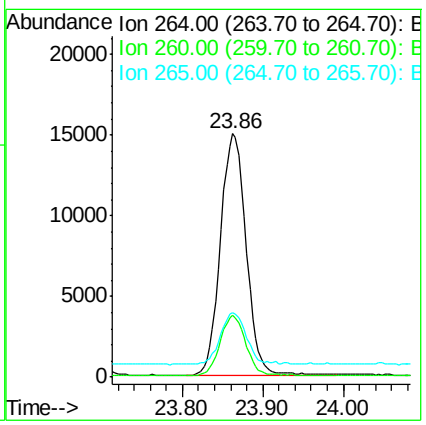


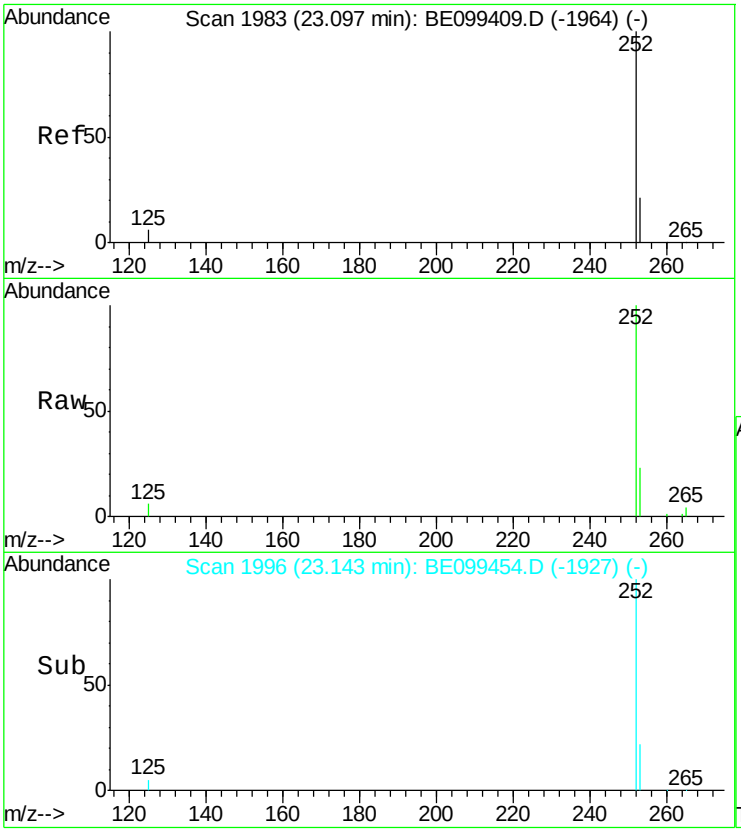


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:264 Resp: 33185

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	26.7	21.3	31.9



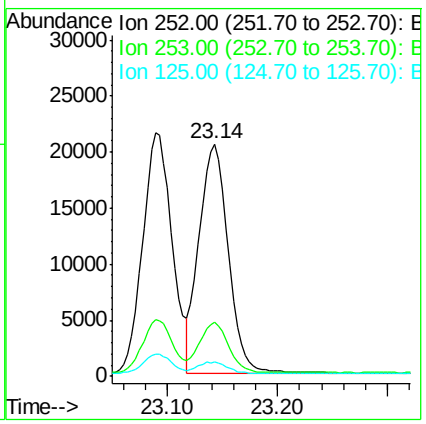


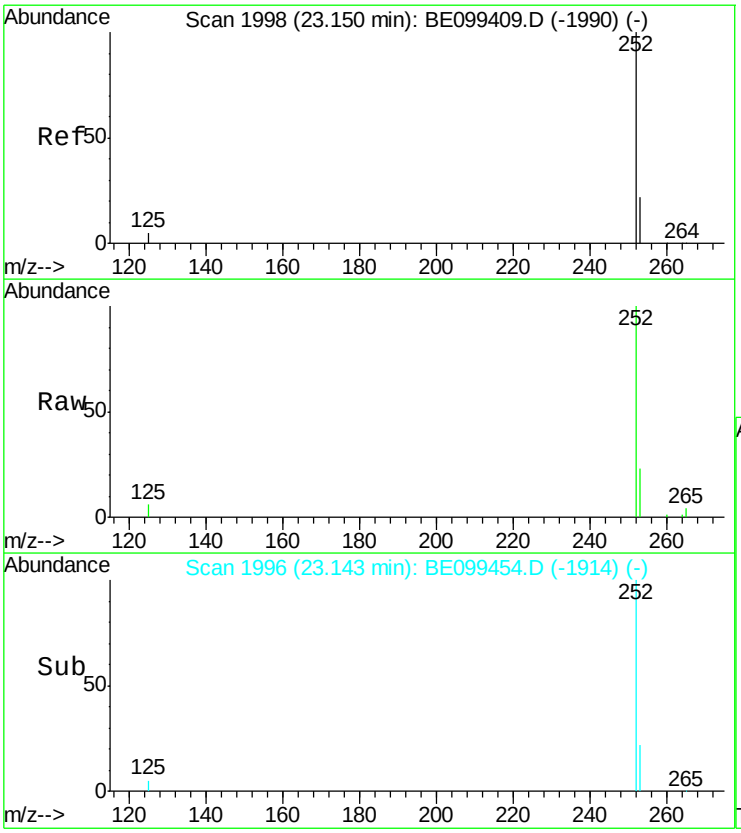
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.05 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 37952

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.3	5.6	8.4

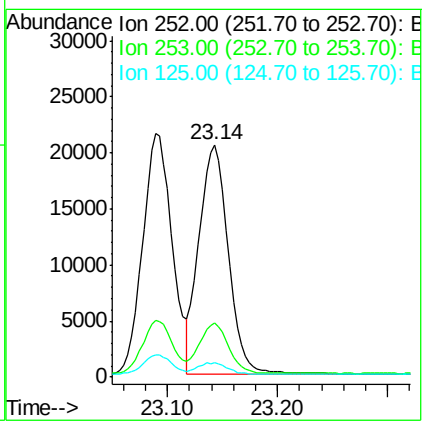


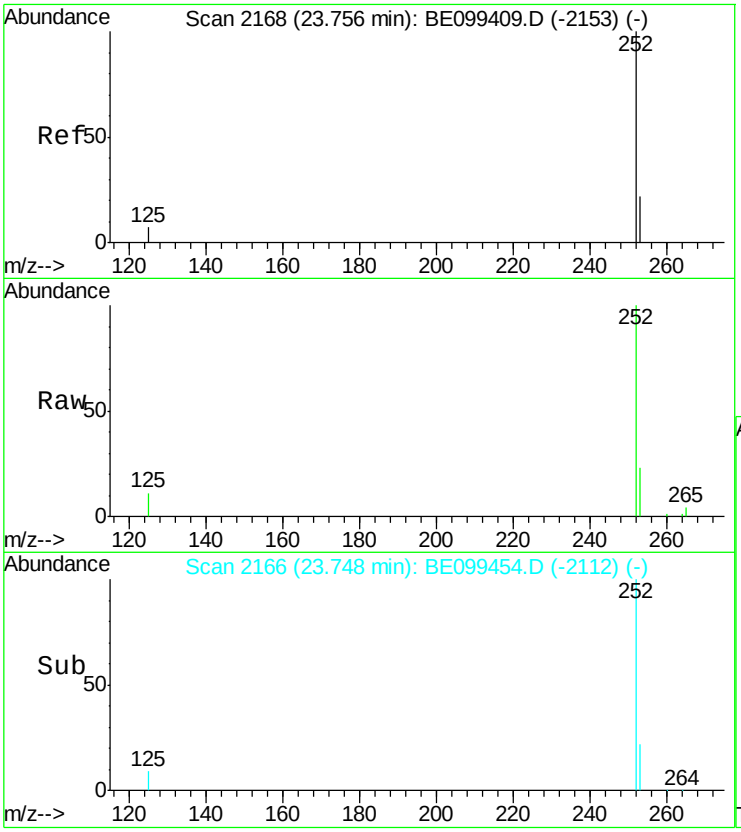


#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:252 Resp: 37952

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.3	5.0	7.4



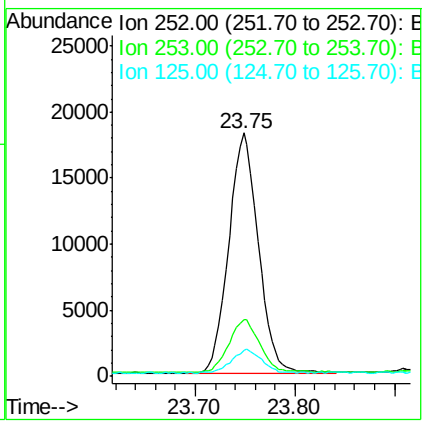


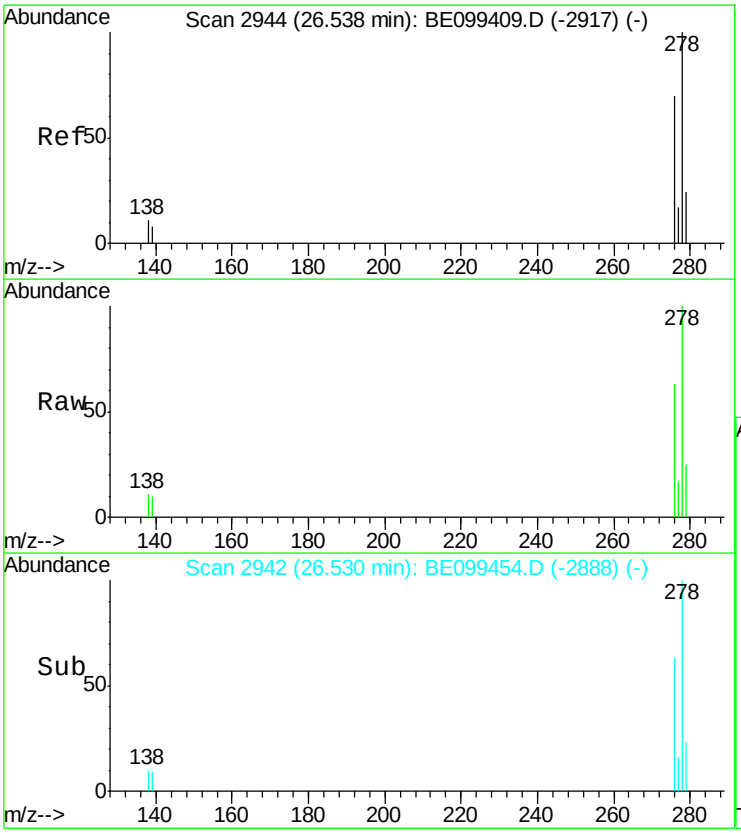
#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 37906

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	10.7	6.7	10.1#

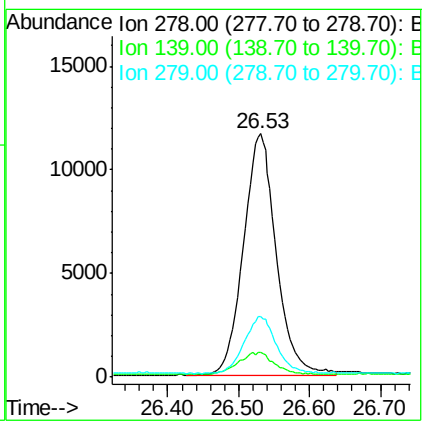


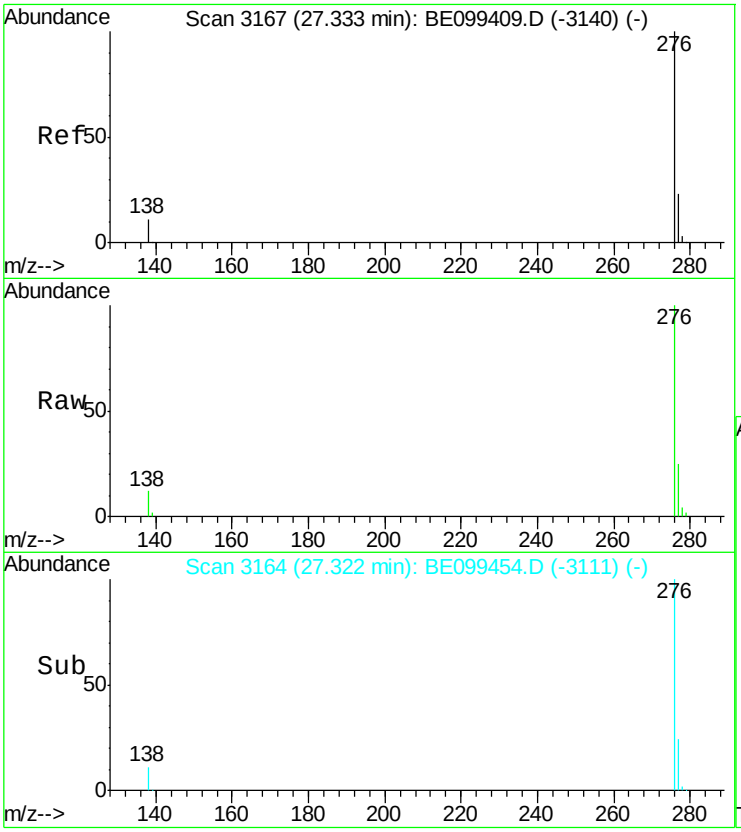


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:278 Resp: 38056

Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.7	11.5
279	24.6	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.32 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 38663

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	11.6	9.6	14.4