Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
Data File : BE099414.D
Acq On : 29 Apr 2019 18:38
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 29 19:16:18 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	2156	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	7773	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5804	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	18296	0.40	ng		0.00
27) Chrysene-d12	21.37	240	26690	0.40	ng		0.00
34) Perylene-d12	23.87	264	31622	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2354	0.39	ng		0.00
5) Phenol-d6	6.97	99	3272	0.41	ng		0.00
8) Nitrobenzene-d5	8.96	82	2975	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	5804	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1419	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	9177	0.41	ng		0.00
25) Fluoranthene-d10	19.22	212	99924	0.41	ng		0.00
29) Terphenyl-d14	19.82	244	21320	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1247	0.420	ng		91
3) n-Nitrosodimethylamine	3.64	42	550	0.308	ng	#	91
6) bis(2-Chloroethyl)ether	7.23	93	2700	0.395	ng		98
9) Naphthalene	10.65	128	34832	0.411	ng		100
10) Hexachlorobutadiene	10.93	225	2371	0.402	ng		98
12) 2-Methylnaphthalene	12.27	142	5866	0.398	ng		96
16) Acenaphthylene	14.18	152	11481	0.404	ng		98
17) Acenaphthene	14.51	154	6441	0.397	ng		96
18) Fluorene	15.49	166	9787	0.409	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	4155	0.390	ng		98
21) Hexachlorobenzene	16.49	284	4024	0.396	ng		99
22) Pentachlorophenol	16.84	266	1517	0.464	ng		97
23) Phenanthrene	17.23	178	19051	0.404	ng		99
24) Anthracene	17.32	178	17933	0.399	ng		99
26) Fluoranthene	19.25	202	28898	0.409	ng		99
28) Pyrene	19.61	202	30272	0.435	ng		100
30) Benzo(a)anthracene	21.35	228	37532	0.441	ng		99
31) Chrysene	21.40	228	37845	0.455	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	57354	0.406	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	43788	0.445	ng		100
35) Benzo(b)fluoranthene	23.10	252	38222	0.419	ng		99
36) Benzo(k)fluoranthene	23.15	252	36441	0.414	ng		100
37) Benzo(a)pyrene	23.76	252	35550	0.412	ng		99
38) Dibenzo(a,h)anthracene	26.55	278	35822	0.406	ng		100
39) Benzo(g,h,i)perylene	27.34	276	36352	0.411	ng		100

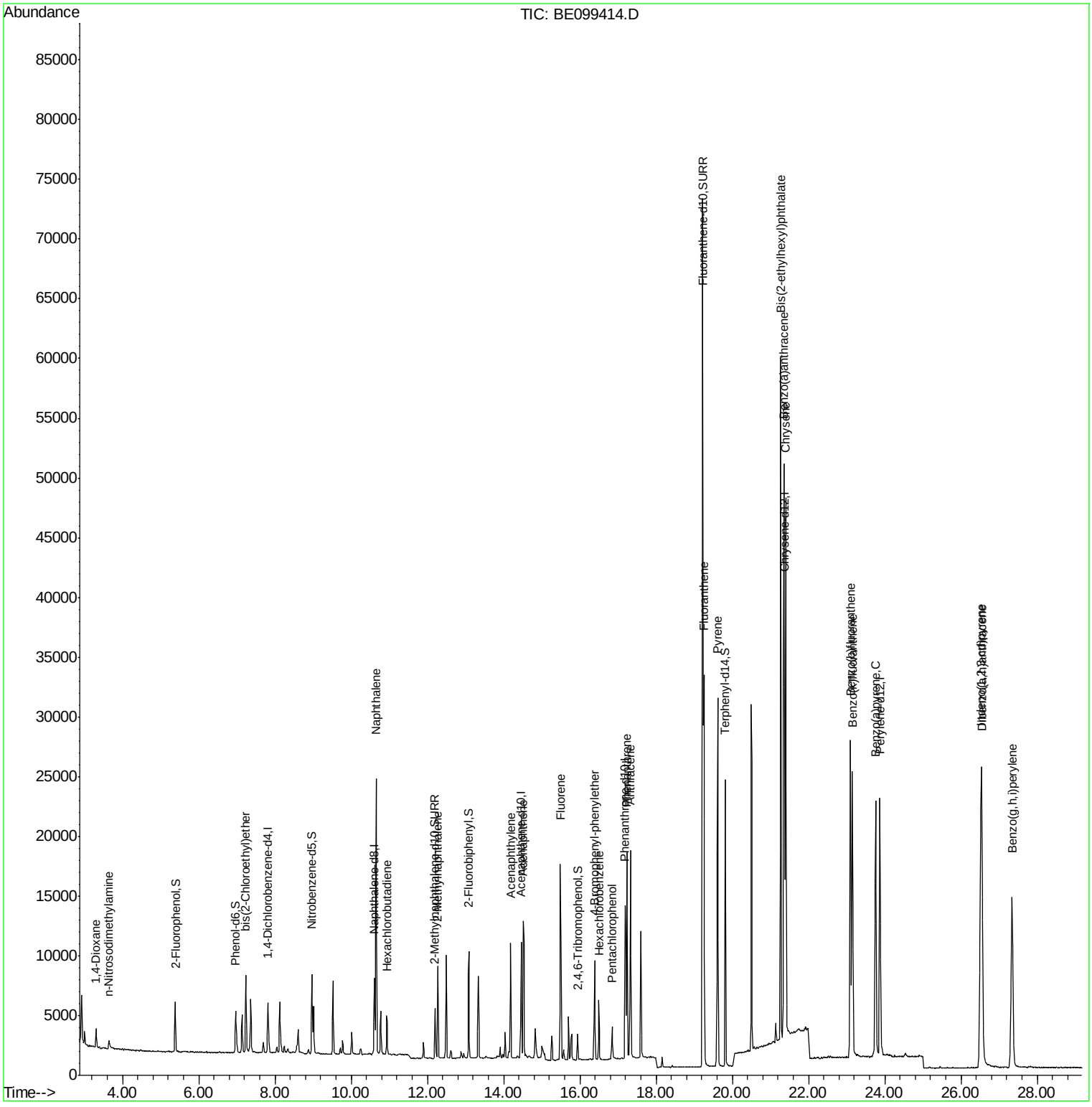
(#) = qualifier out of range (m) = manual integration (+) = signals summed

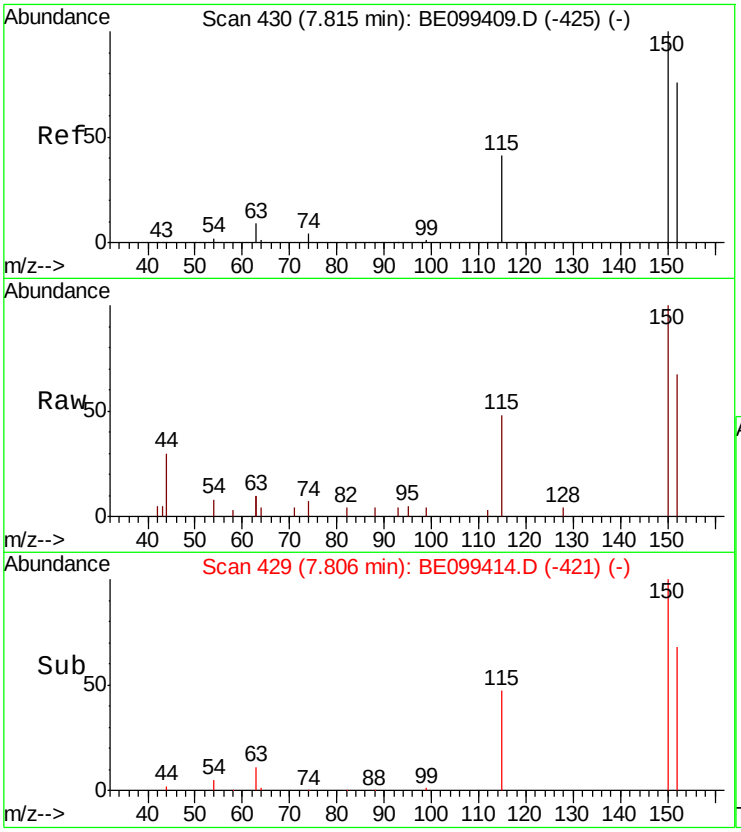
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
Data File : BE099414.D
Acq On : 29 Apr 2019 18:38
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 29 19:16:18 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



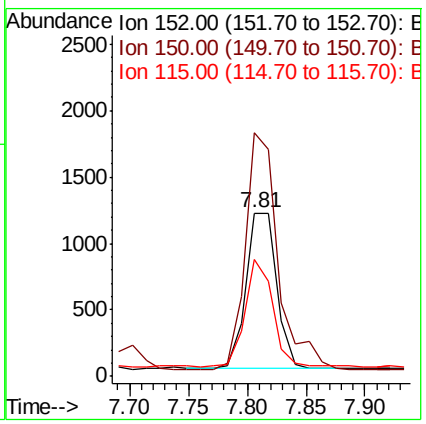


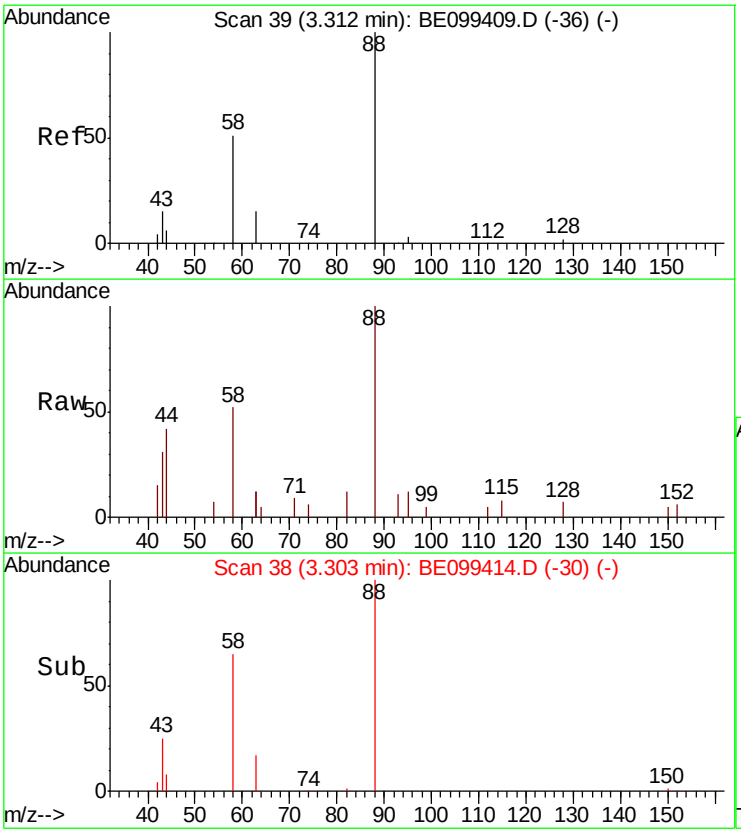
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2156

Ion	Ratio	Lower	Upper
152	100		
150	149.0	104.8	157.2
115	71.5	46.6	69.8#

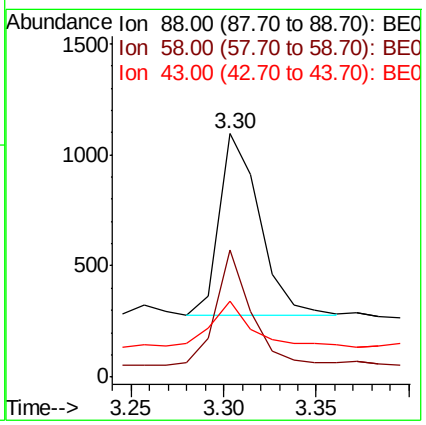


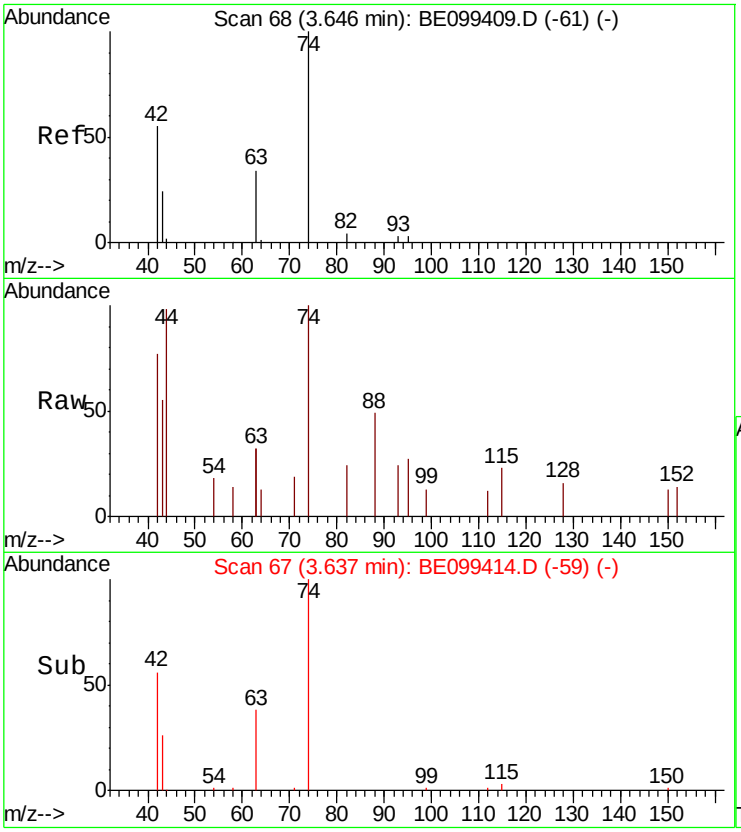


#2
1,4-Dioxane
Concen: 0.420 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion: 88 Resp: 1247

Ion	Ratio	Lower	Upper
88	100		
58	55.6	51.0	76.6
43	27.7	20.6	30.8



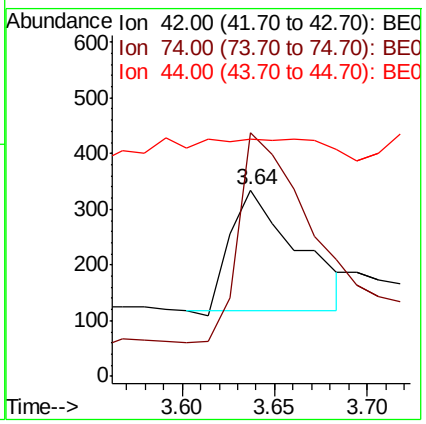


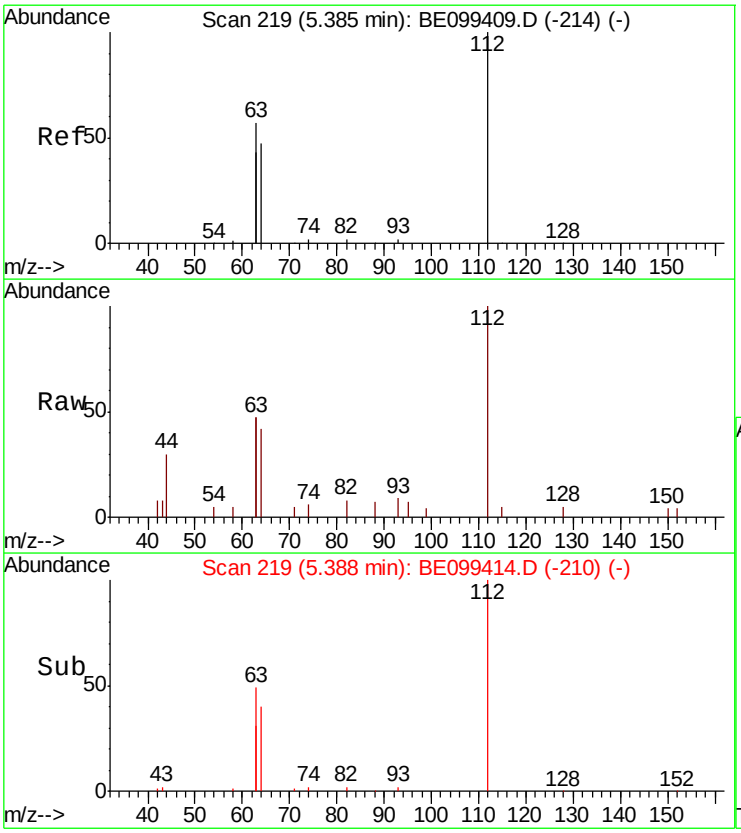
#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 550

Ion	Ratio	Lower	Upper
42	100		
74	190.2	141.6	212.4
44	0.0	0.0	0.0

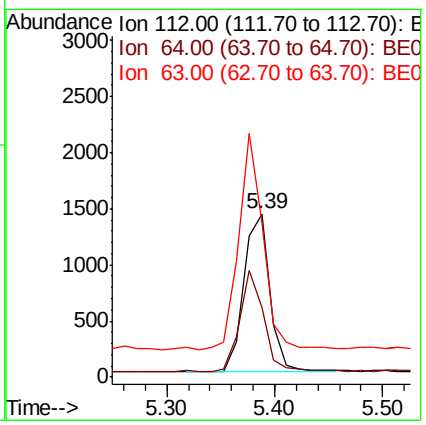


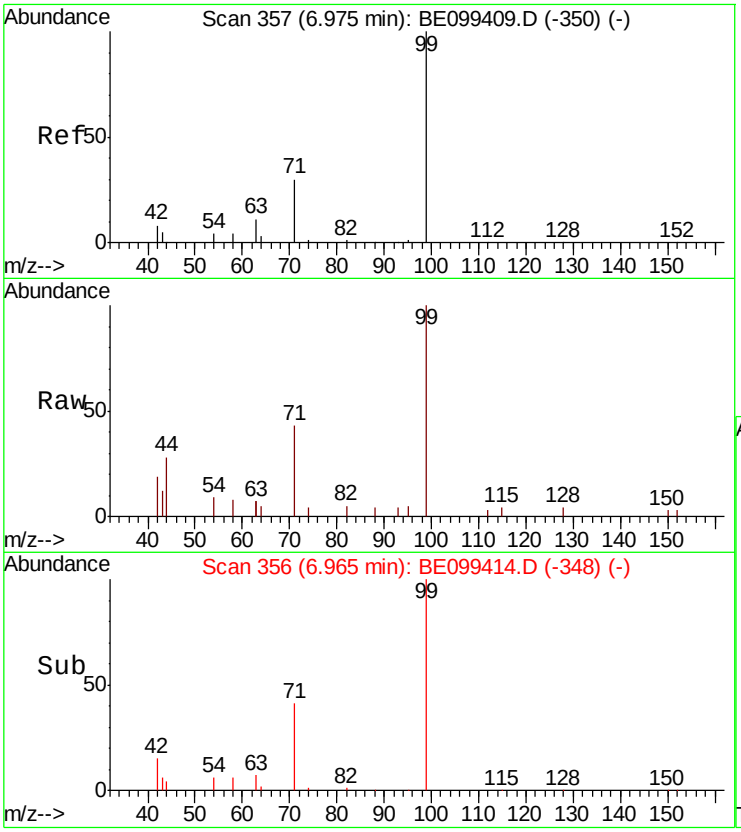


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:112 Resp: 2354

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.4	71.0
63	125.7	104.3	156.5



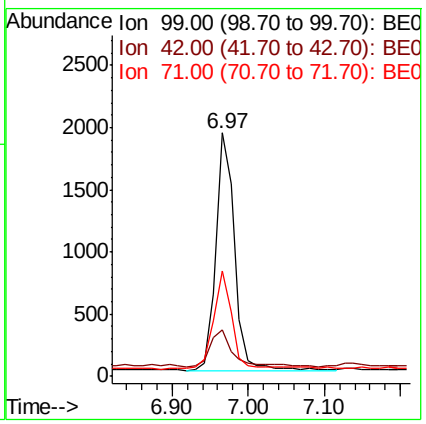


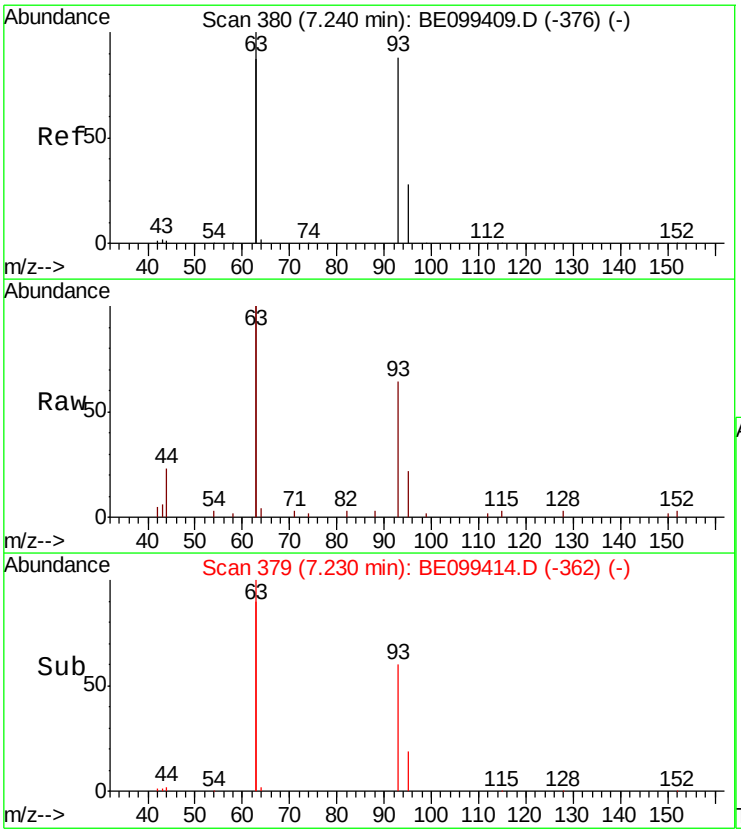
#5
Phenol-d6
Concen: 0.413 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3272

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	39.7	33.0	49.6

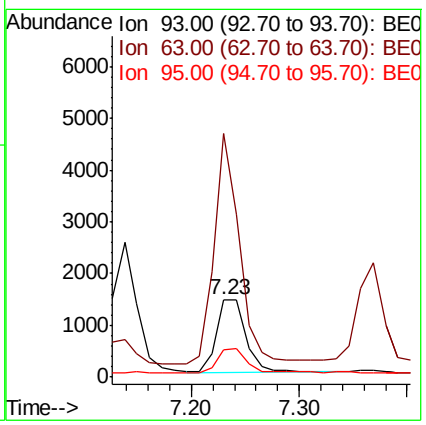


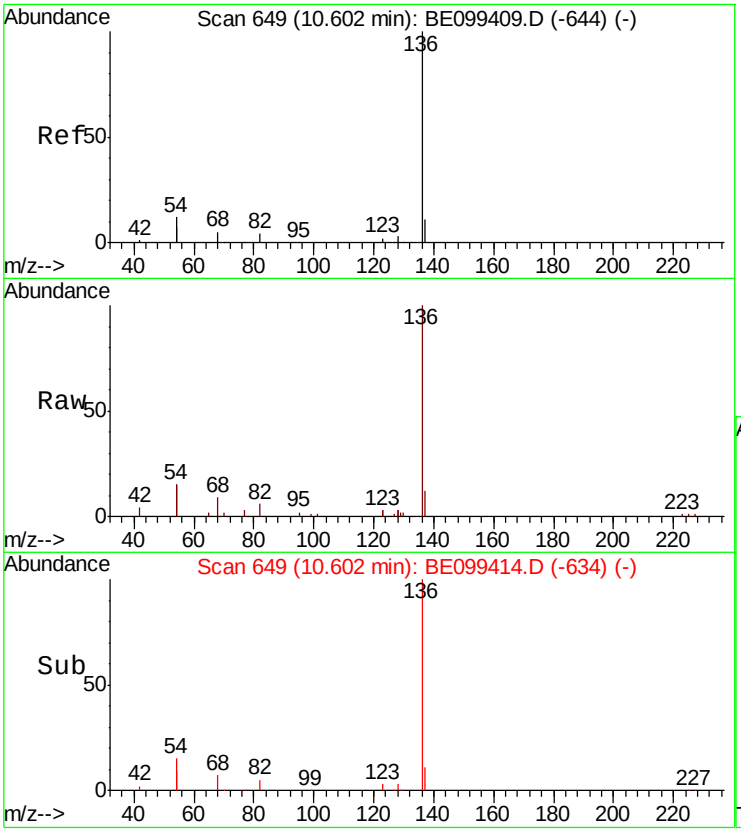


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion: 93 Resp: 2700

Ion	Ratio	Lower	Upper
93	100		
63	272.9	215.6	323.4
95	32.2	26.2	39.2



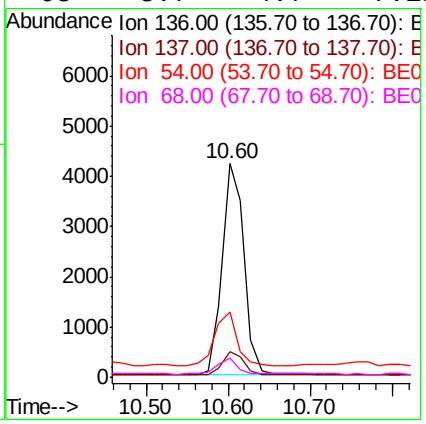


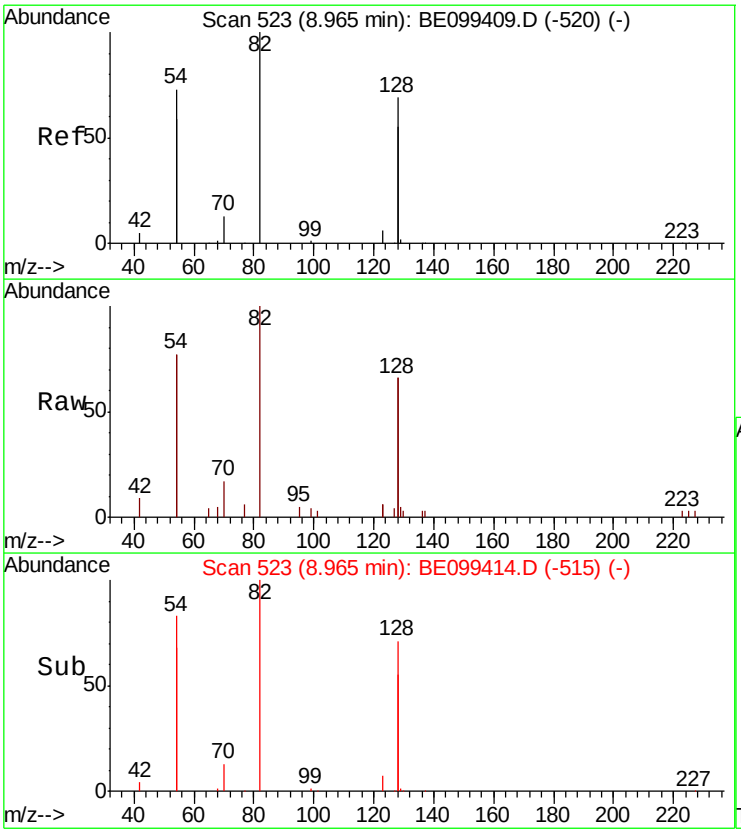
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7773

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	30.6	18.5	27.7#
68	8.7	4.7	7.1#

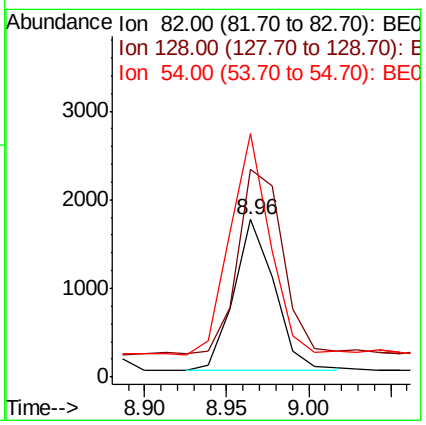


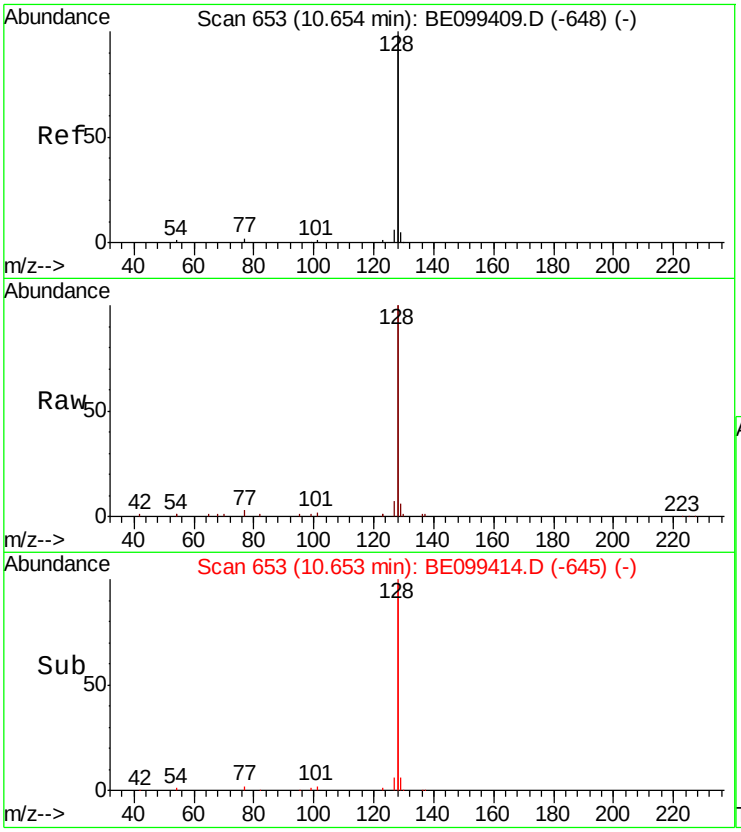


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion: 82 Resp: 2975

Ion	Ratio	Lower	Upper
82	100		
128	132.1	107.0	160.4
54	154.5	113.1	169.7



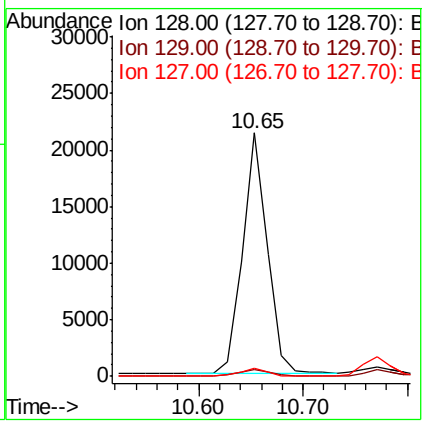


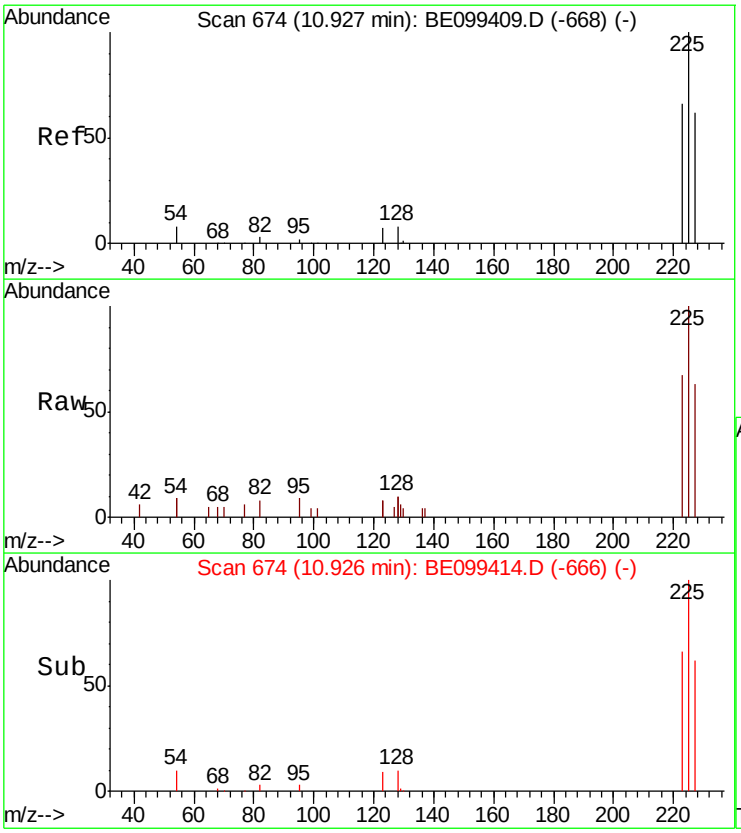
#9
Naphthalene
Concen: 0.411 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 34832

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.5	2.8	4.2

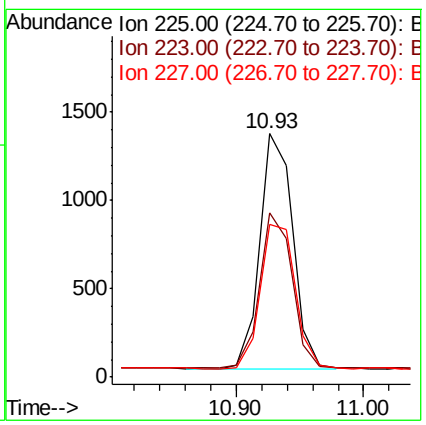


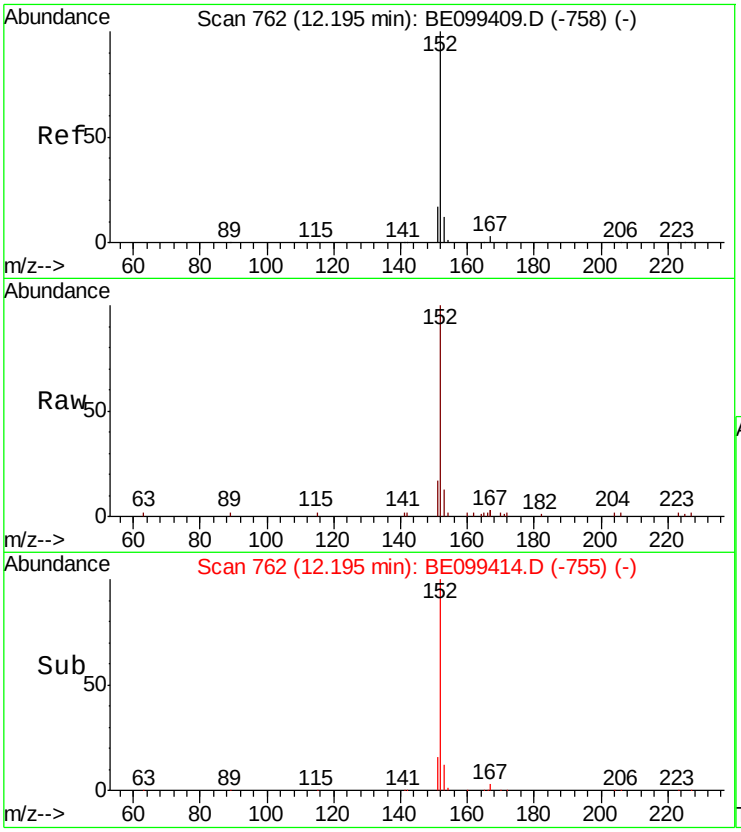


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:225 Resp: 2371

Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.0	76.6
227	66.1	50.9	76.3



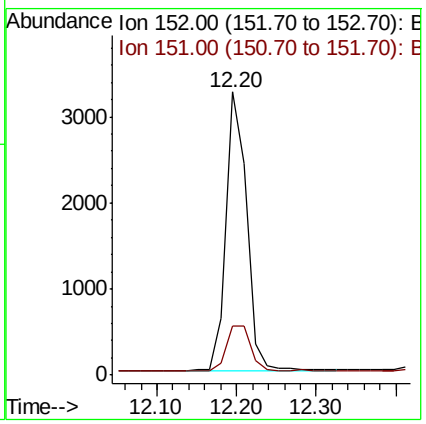


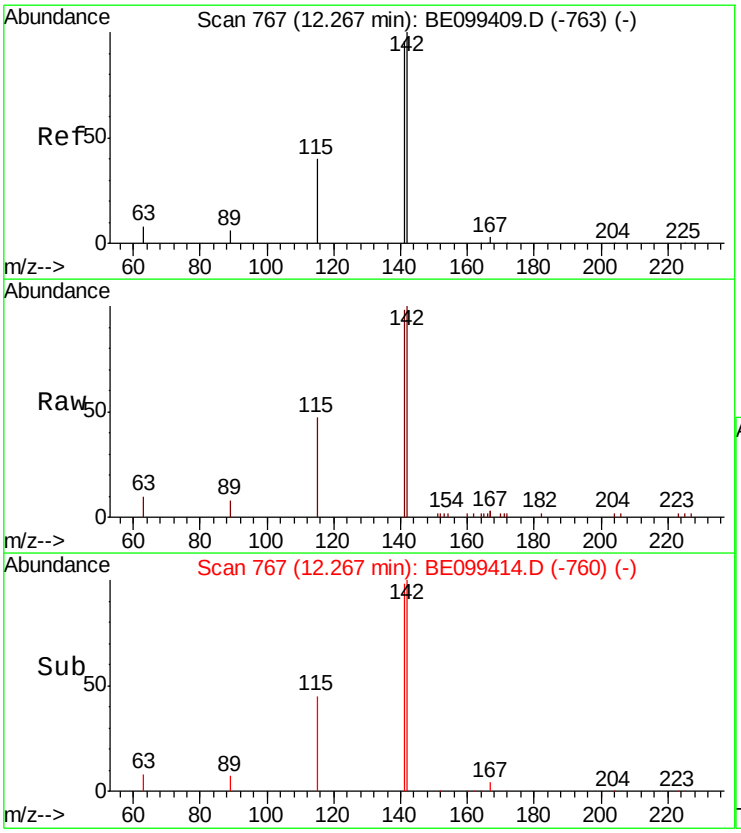
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5804

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

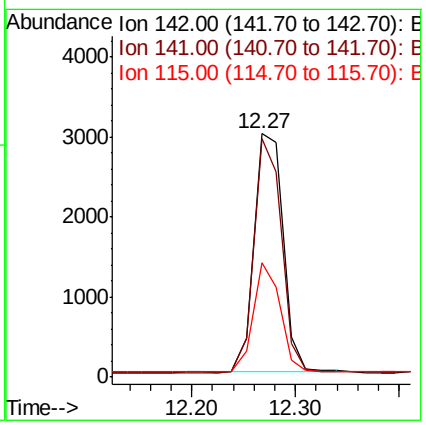


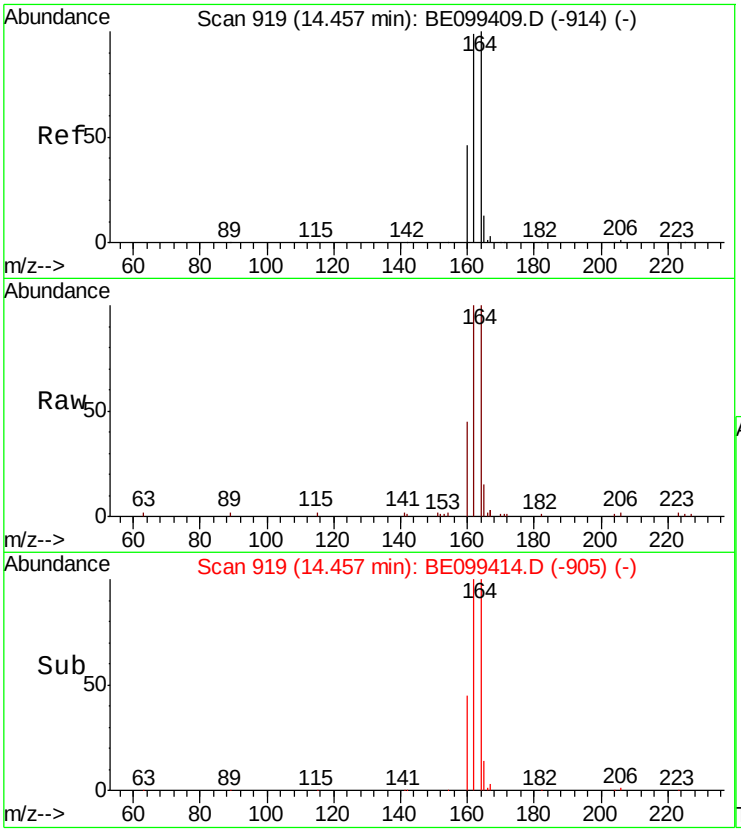


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:142 Resp: 5866

Ion	Ratio	Lower	Upper
142	100		
141	97.7	77.0	115.4
115	46.9	33.4	50.0



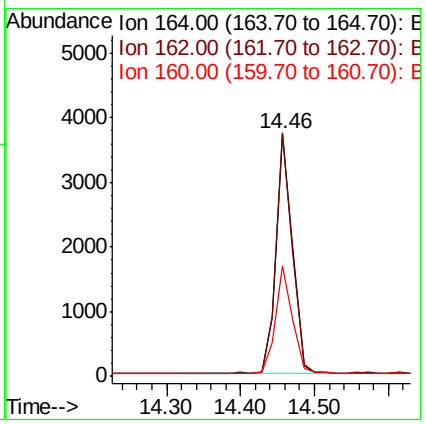


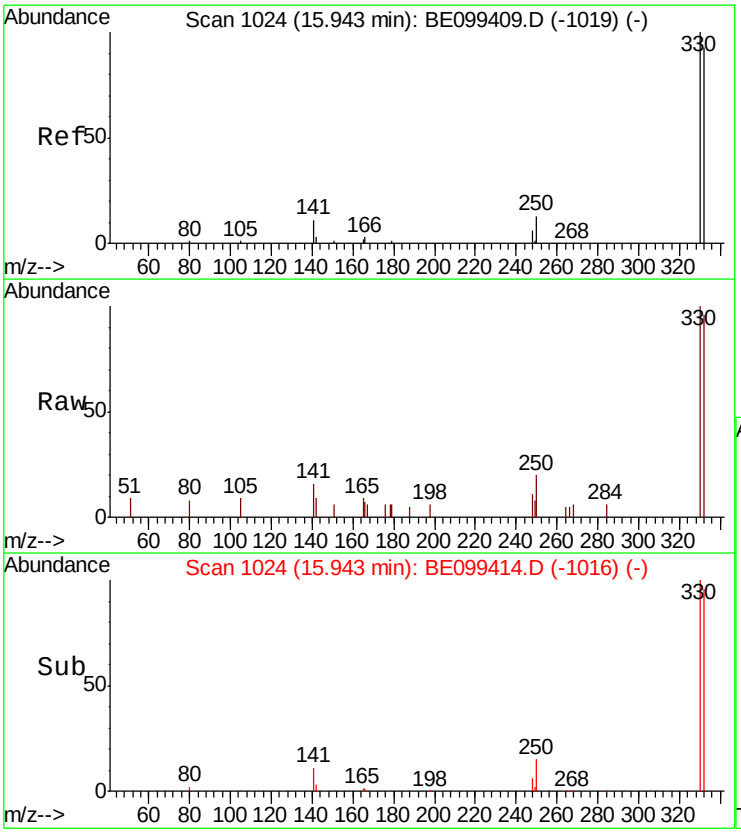
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5804

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.0	118.4
160	45.6	37.0	55.4

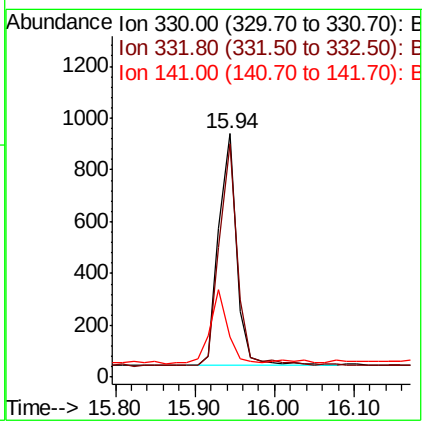


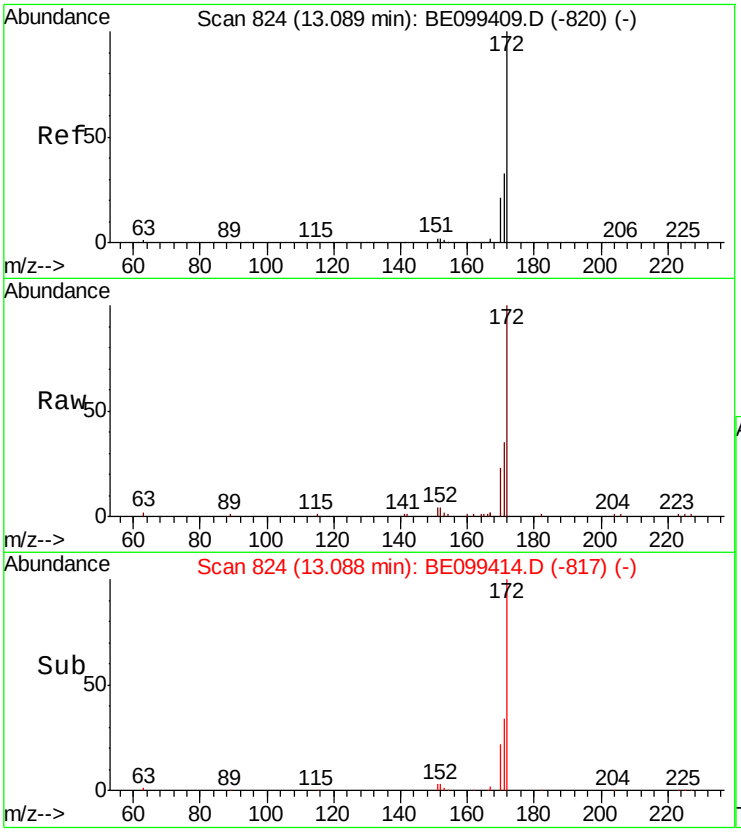


#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:330 Resp: 1419

Ion	Ratio	Lower	Upper
330	100		
332	96.5	71.5	107.3
141	31.1	24.0	36.0



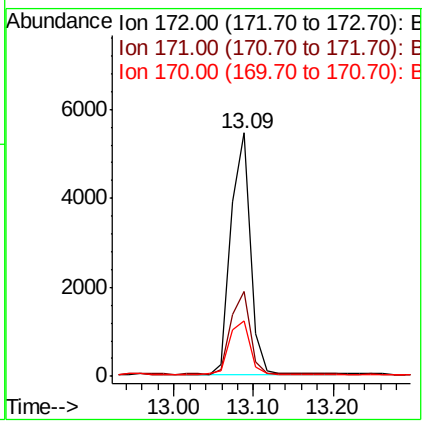


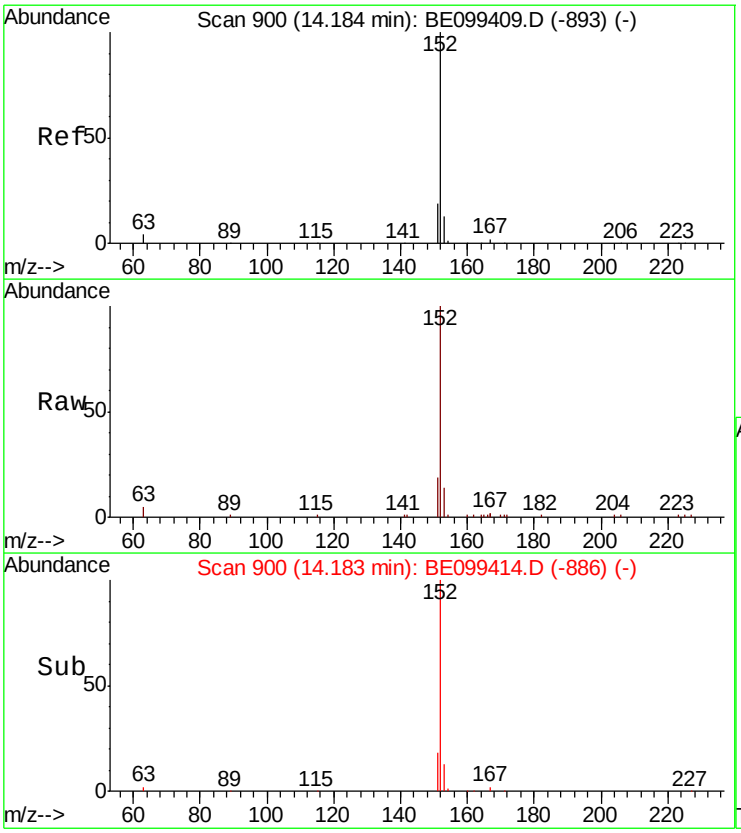
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9177

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.6	39.8
170	22.9	17.0	25.6

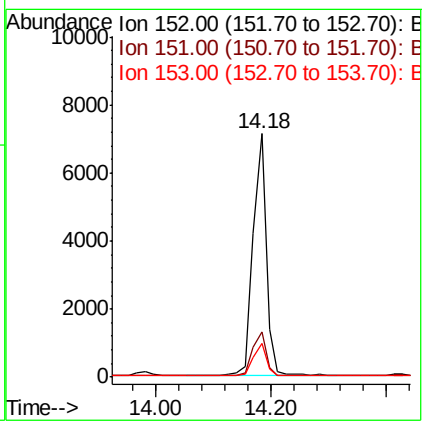


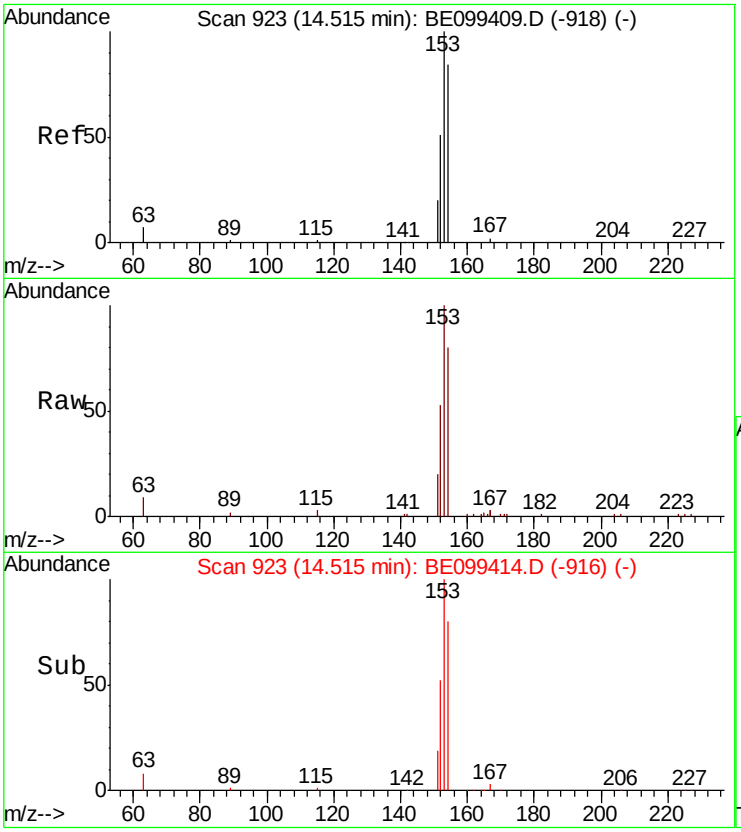


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:152 Resp: 11481

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.2
153	12.7	9.8	14.6



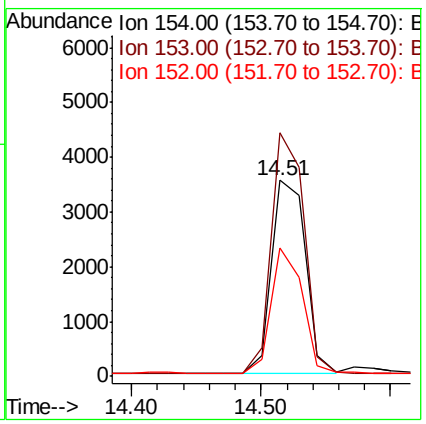


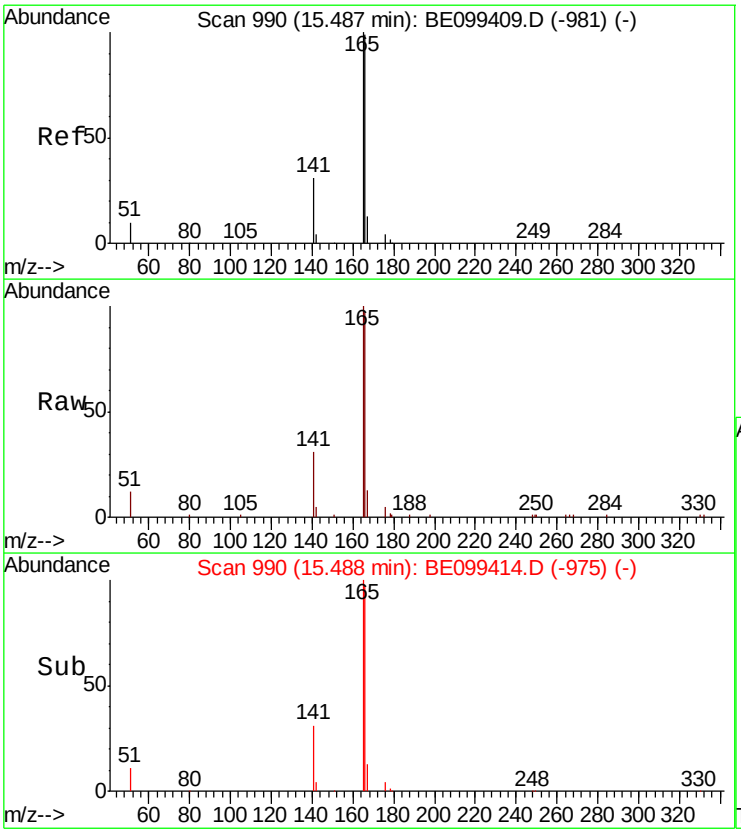
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6441

Ion	Ratio	Lower	Upper
154	100		
153	120.6	92.6	138.8
152	59.9	45.8	68.8

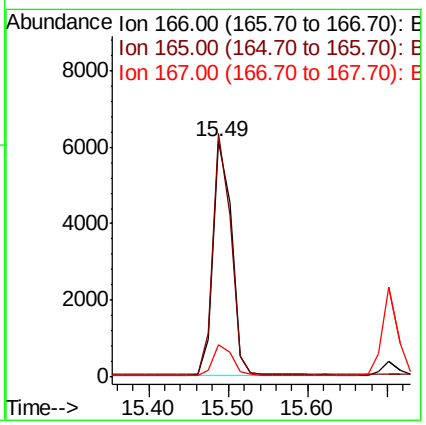


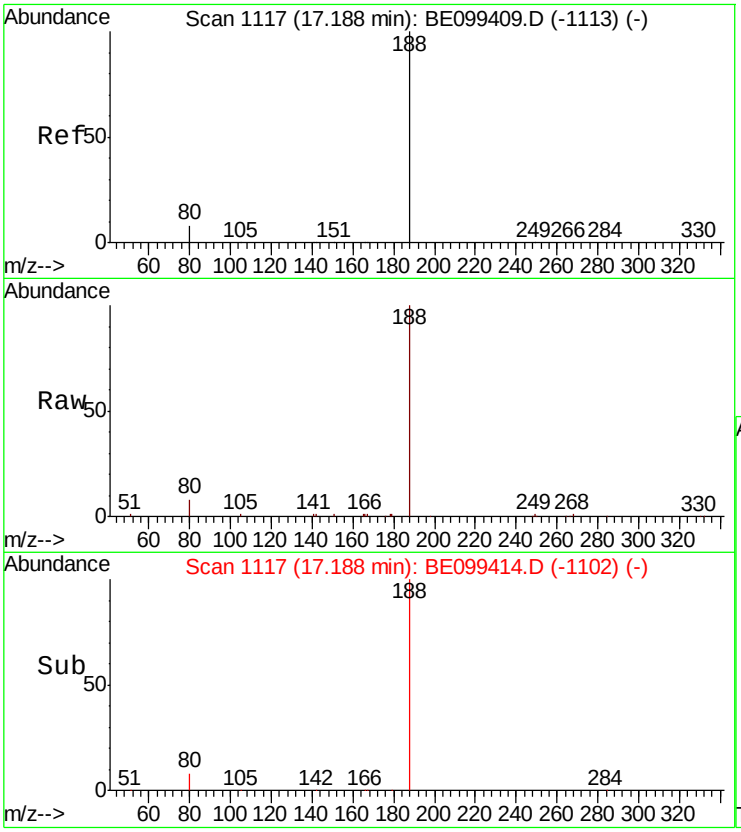


#18
Fluorene
Concen: 0.409 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:166 Resp: 9787

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.3	120.5
167	13.4	10.7	16.1



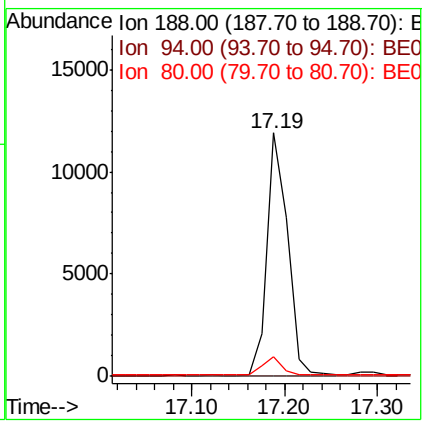


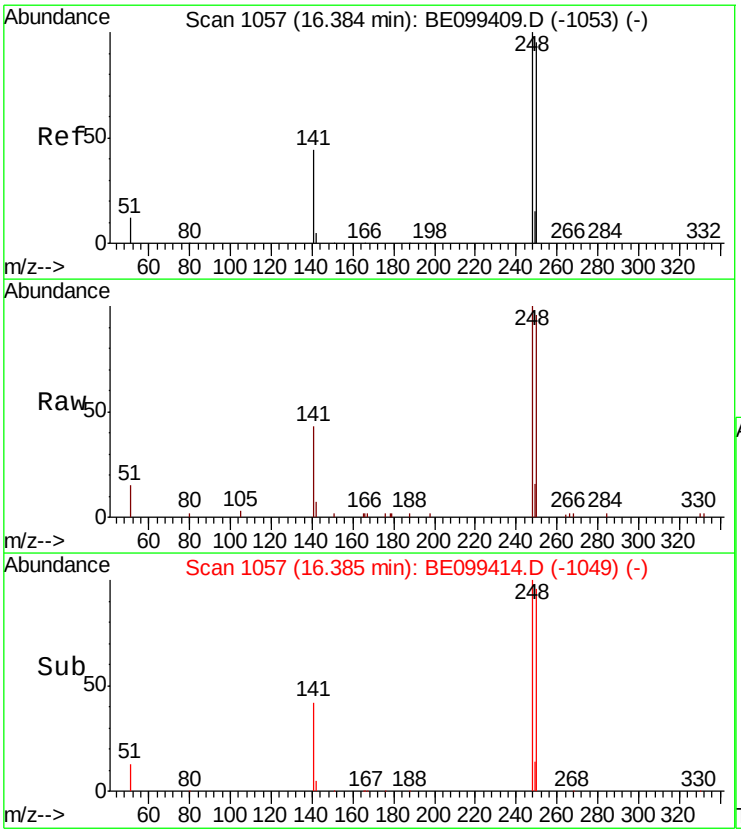
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18296

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.7	10.1

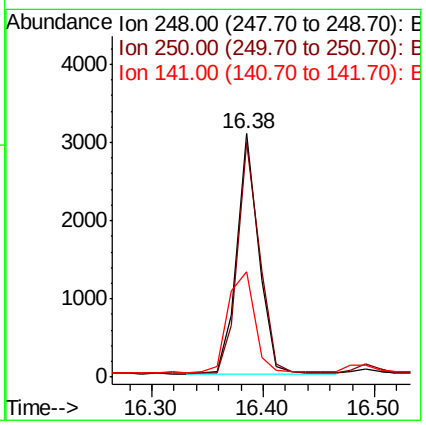


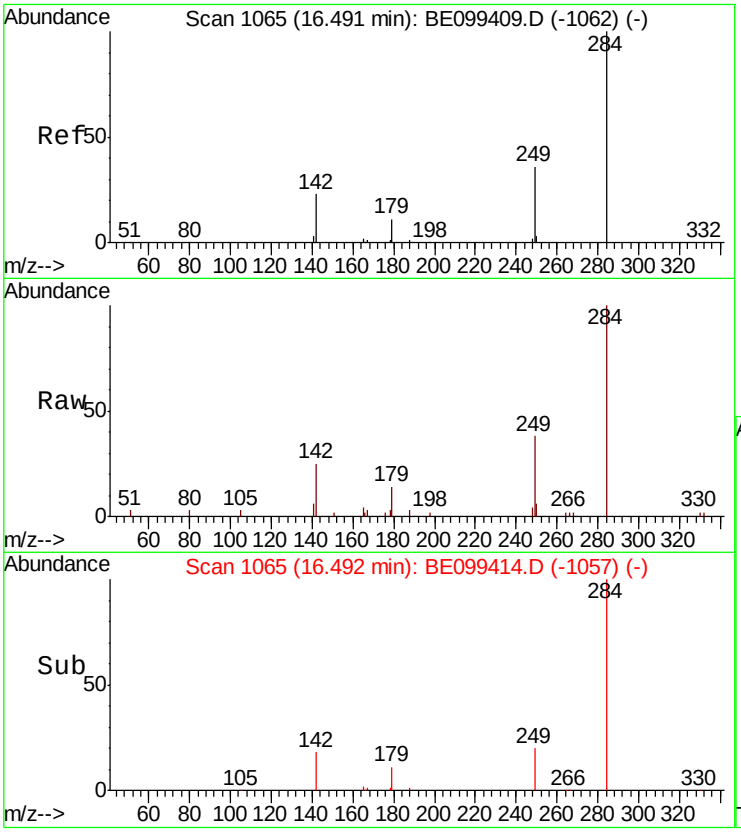


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:248 Resp: 4155

Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.8	113.8
141	43.3	35.7	53.5



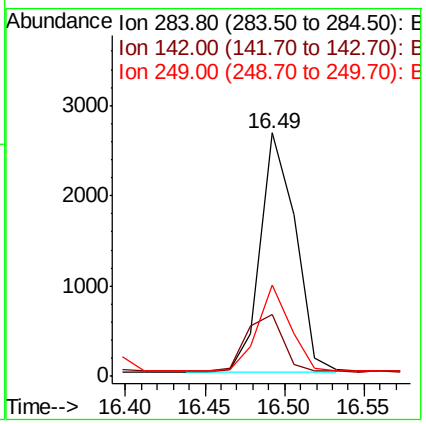


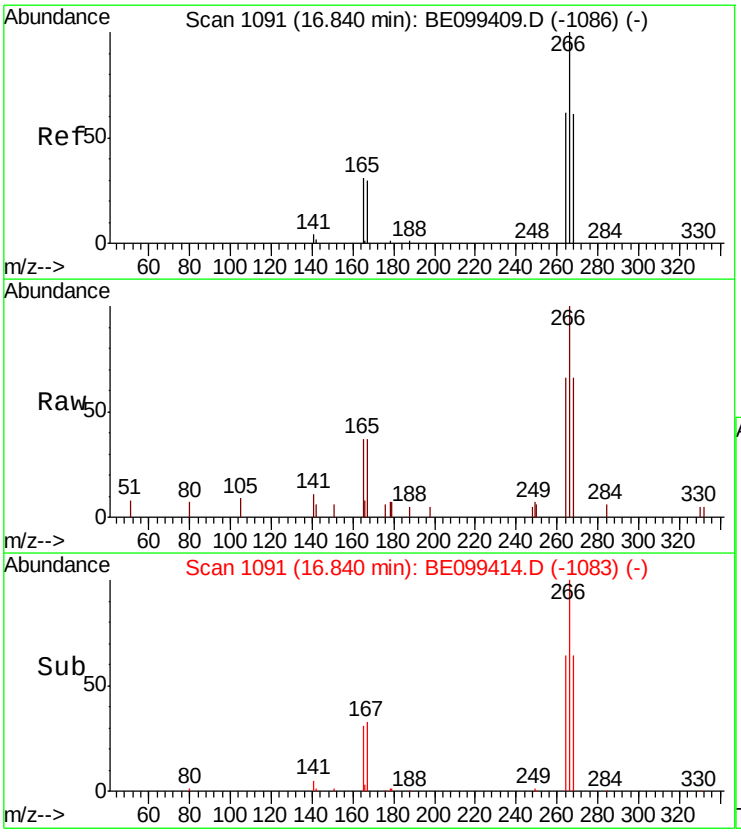
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4024

Ion	Ratio	Lower	Upper
284	100		
142	25.0	21.0	31.6
249	33.7	26.7	40.1

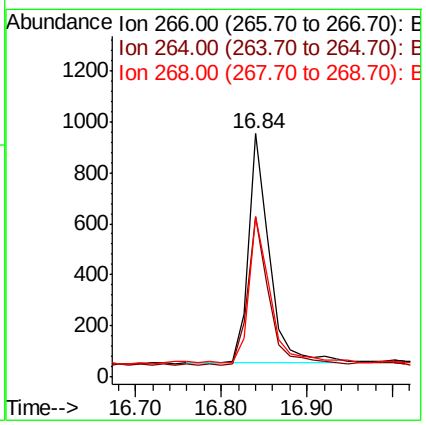


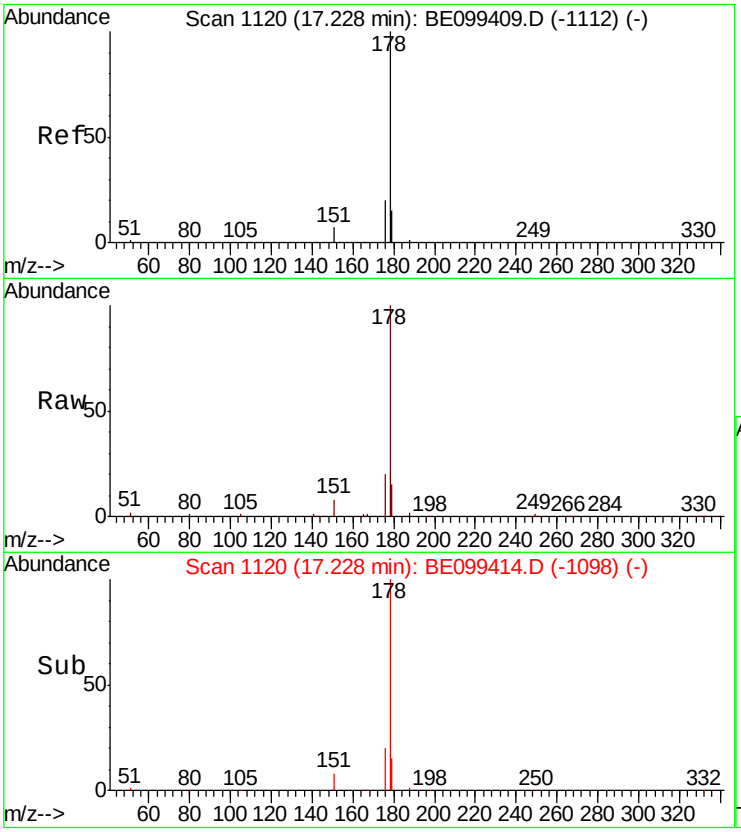


#22
Pentachlorophenol
Concen: 0.464 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:266 Resp: 1517

Ion	Ratio	Lower	Upper
266	100		
264	65.8	50.8	76.2
268	66.1	50.5	75.7



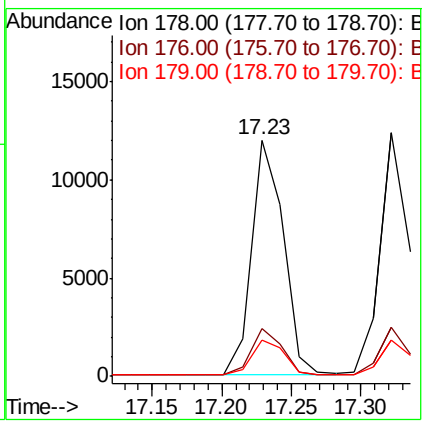


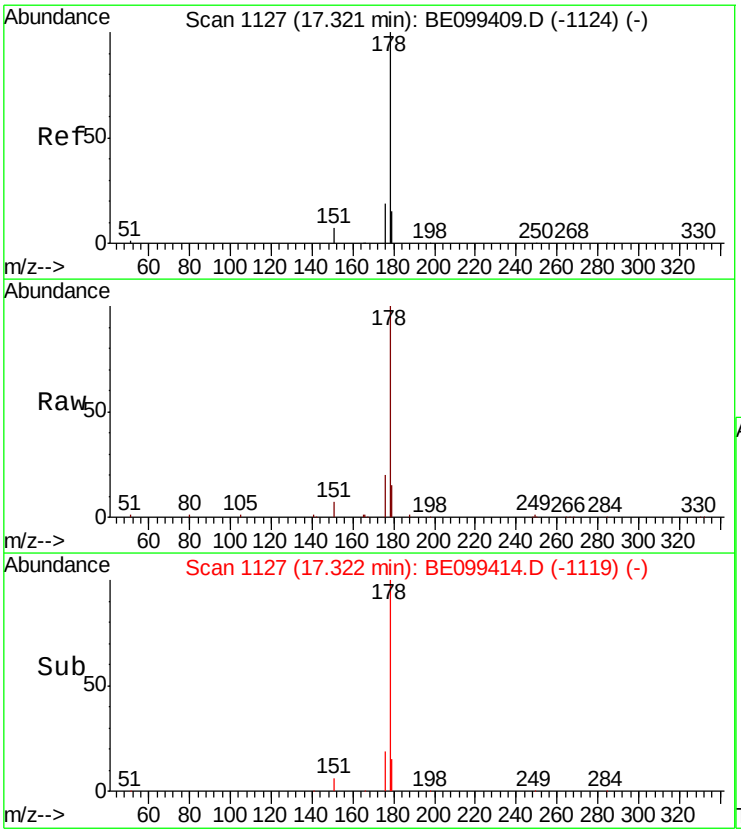
#23
Phenanthrene
Concen: 0.404 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19051

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.0	18.0

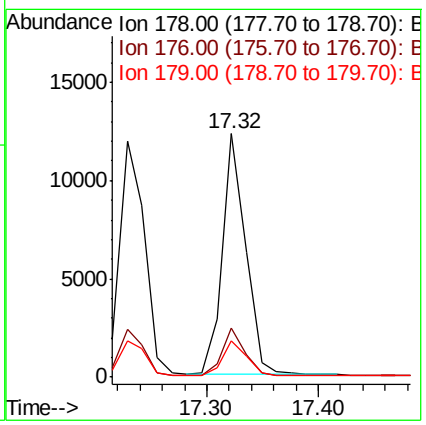


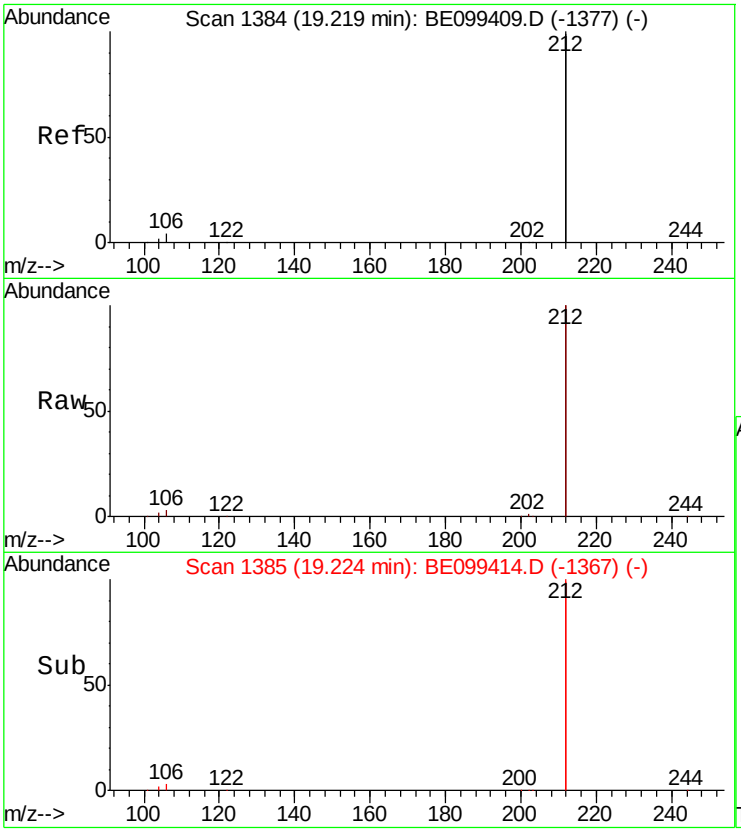


#24
Anthracene
Concen: 0.399 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:178 Resp: 17933

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	14.7	11.9	17.9



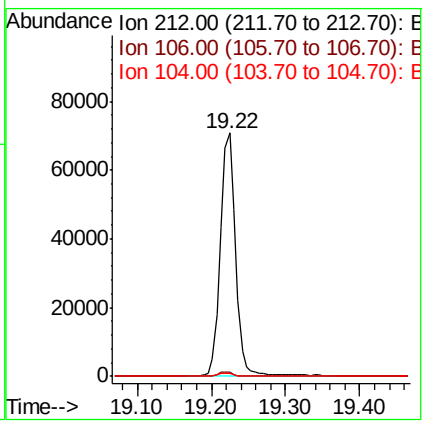


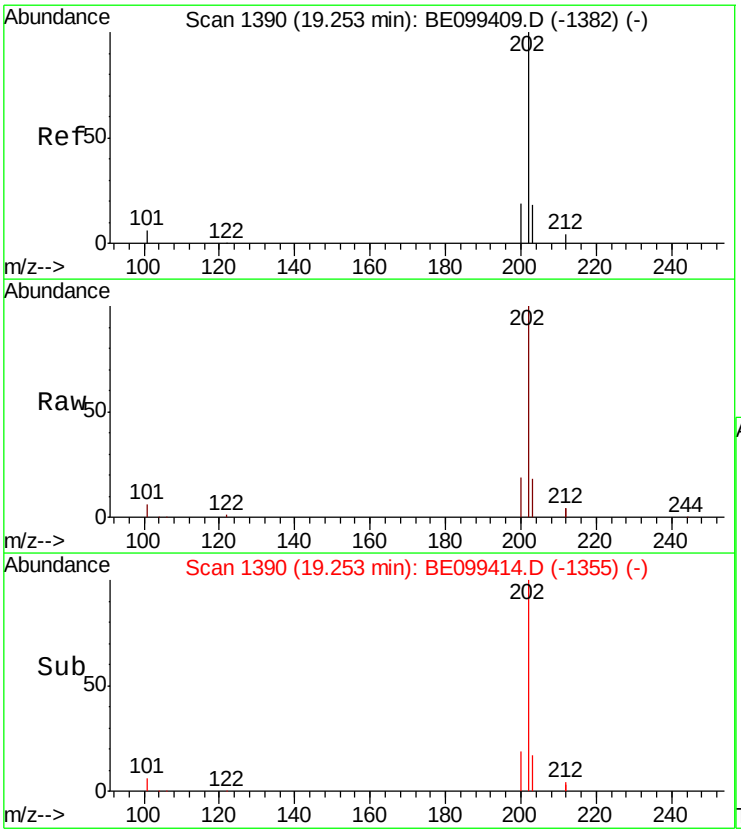
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 99924

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

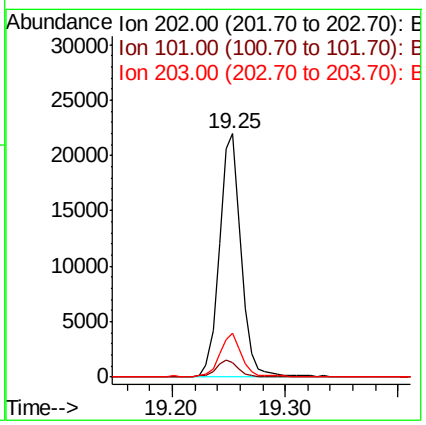


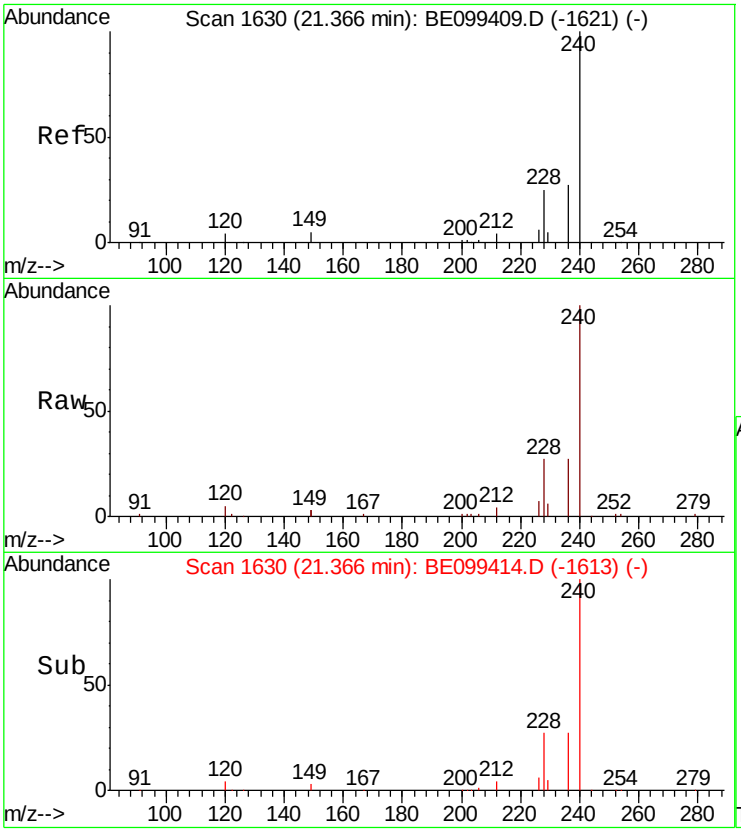


#26
Fluoranthene
Concen: 0.409 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:202 Resp: 28898

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.2	13.9	20.9



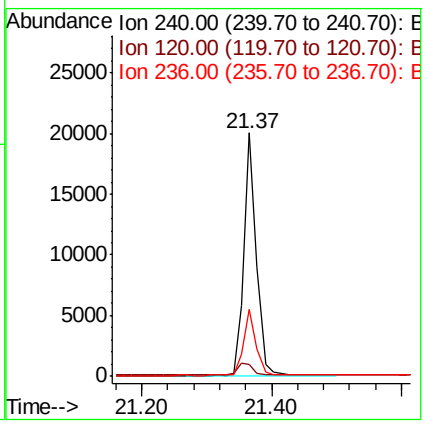


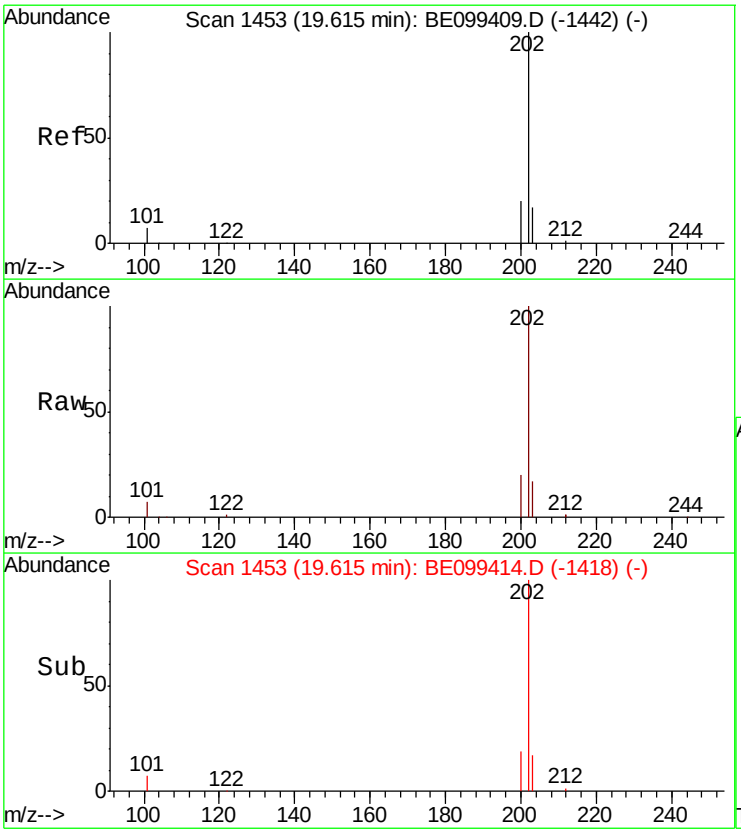
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 26690

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.0	6.0
236	27.4	22.0	33.0

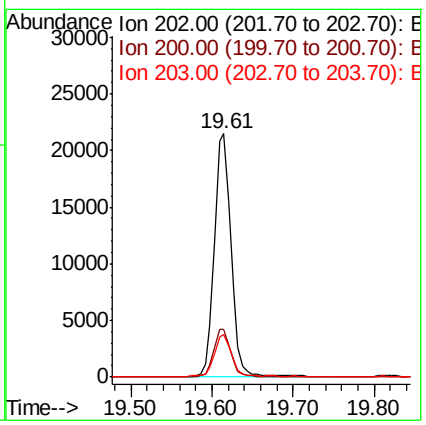


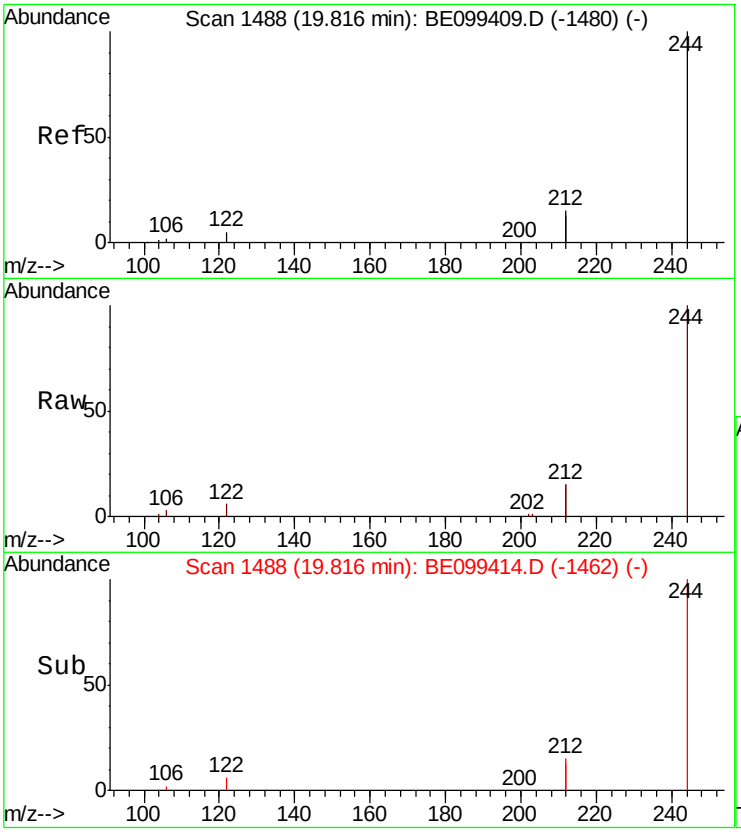


#28
Pyrene
Concen: 0.435 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:202 Resp: 30272

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.3	13.9	20.9



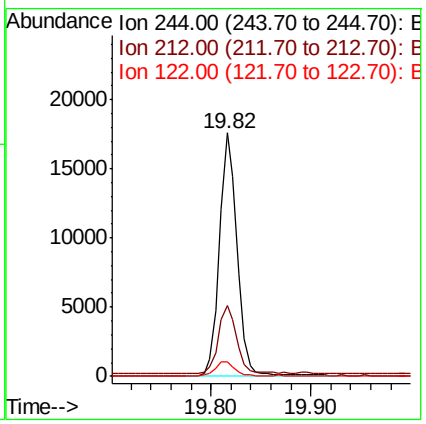


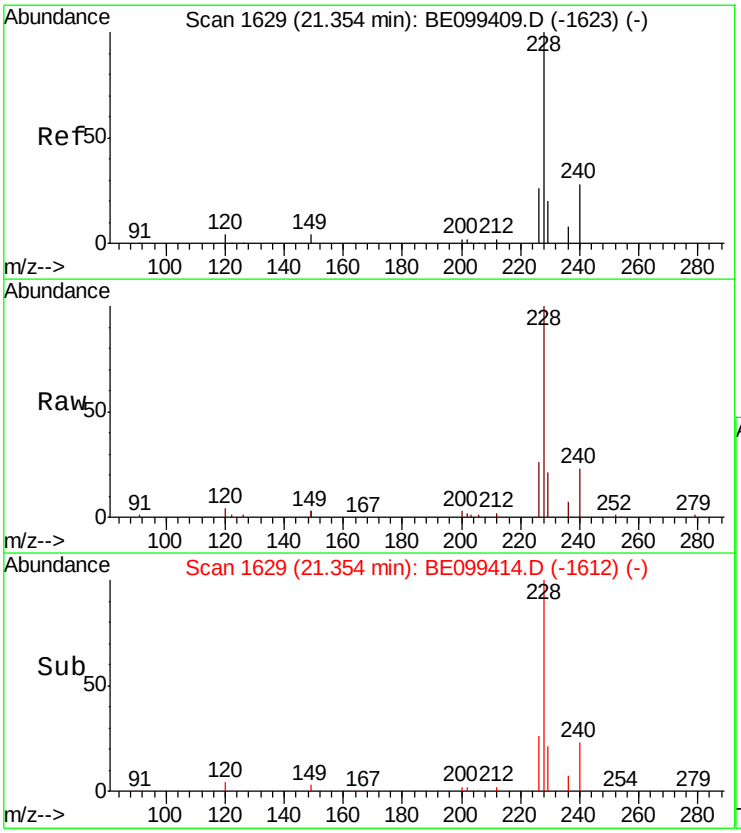
#29
Terphenyl-d14
Concen: 0.436 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 21320

Ion	Ratio	Lower	Upper
244	100		
212	29.1	23.2	34.8
122	6.2	4.2	6.4

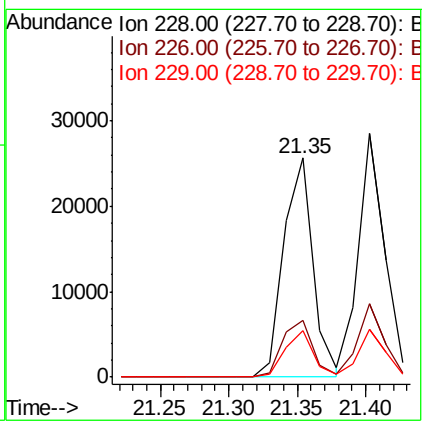


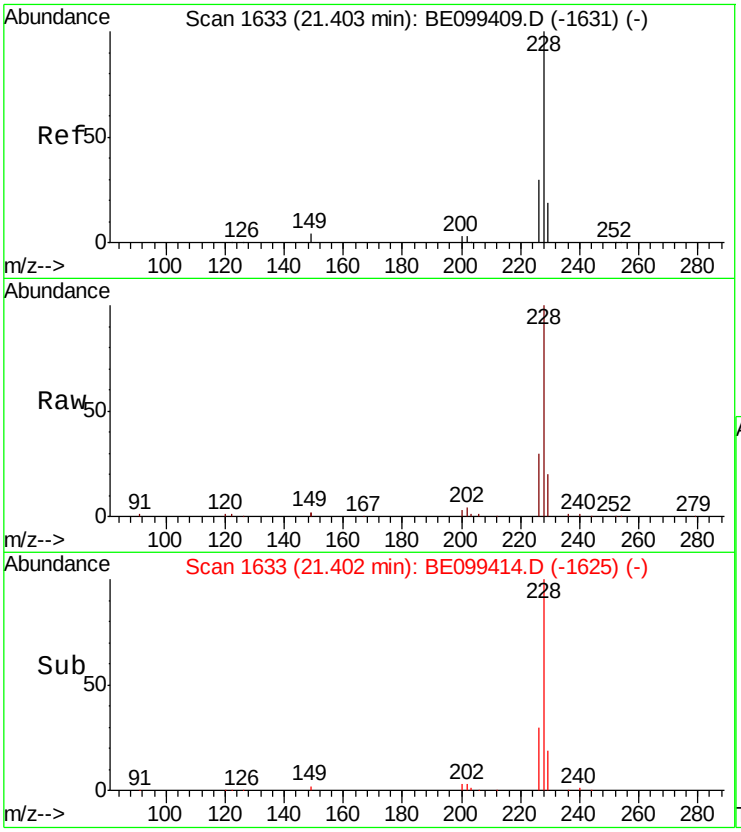


#30
Benzo(a)anthracene
Concen: 0.441 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:228 Resp: 37532

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.6
229	21.0	16.6	25.0



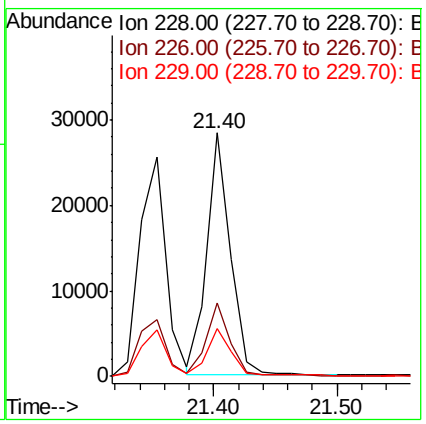


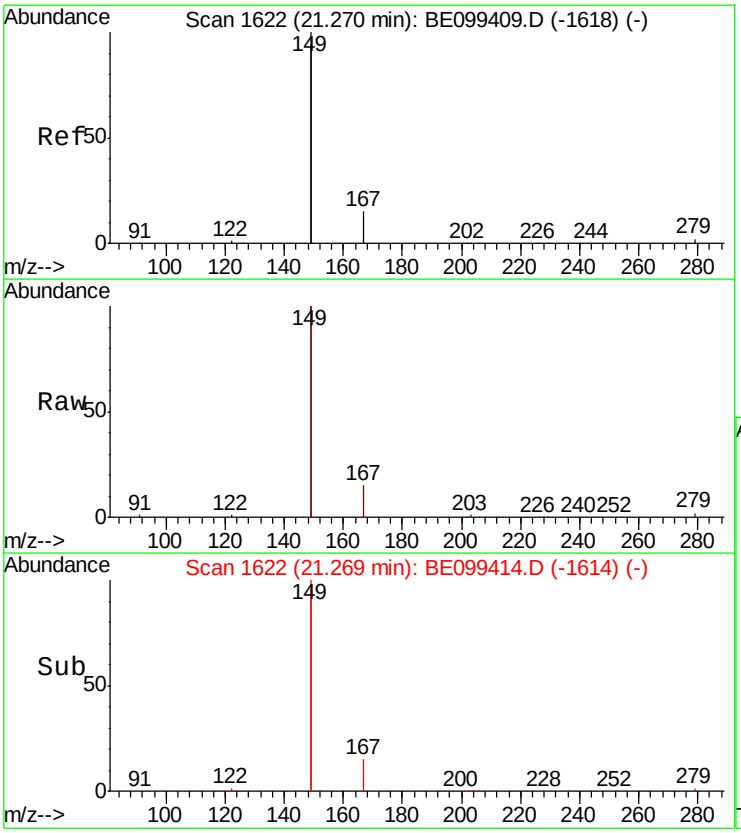
#31
Chrysene
Concen: 0.455 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 37845

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.7	15.8	23.8

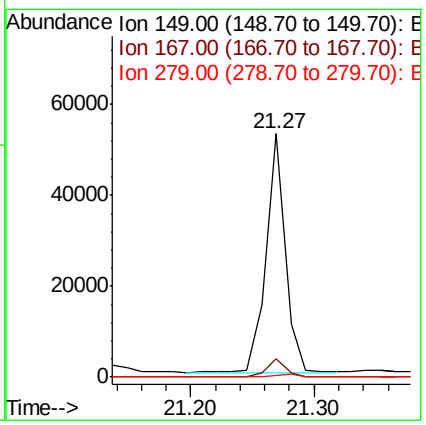


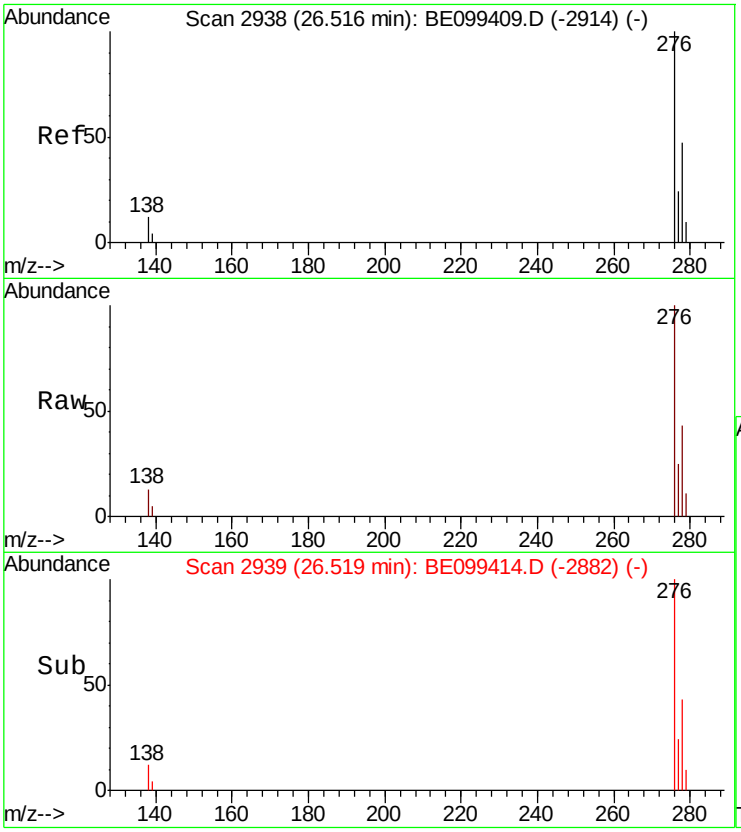


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:149 Resp: 57354

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



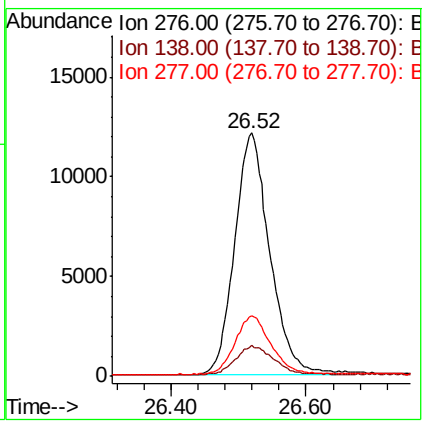


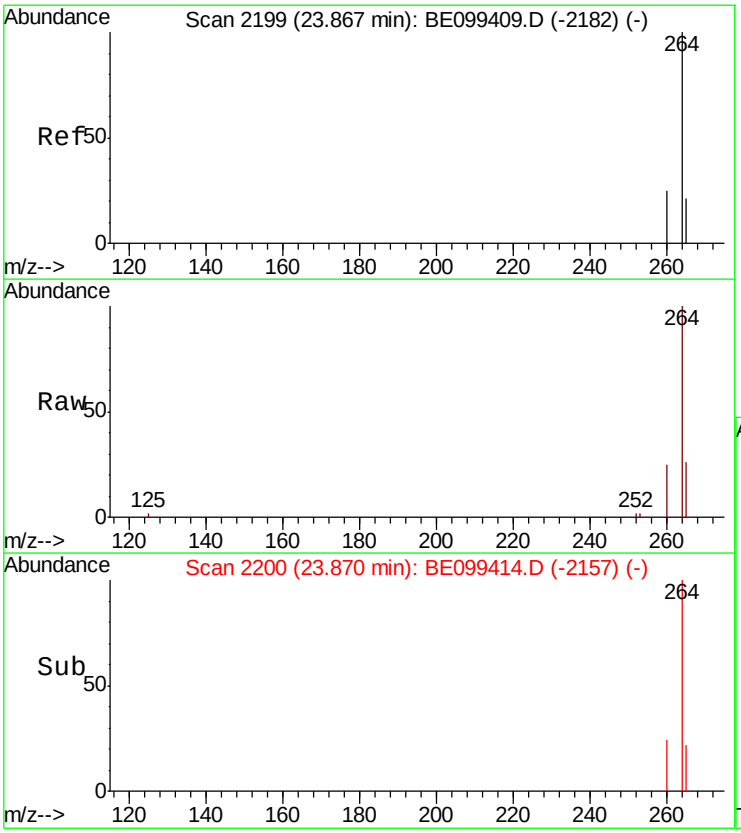
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43788

Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.2	15.2
277	24.2	19.2	28.8

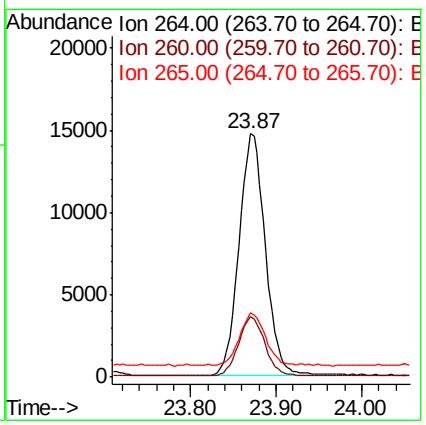


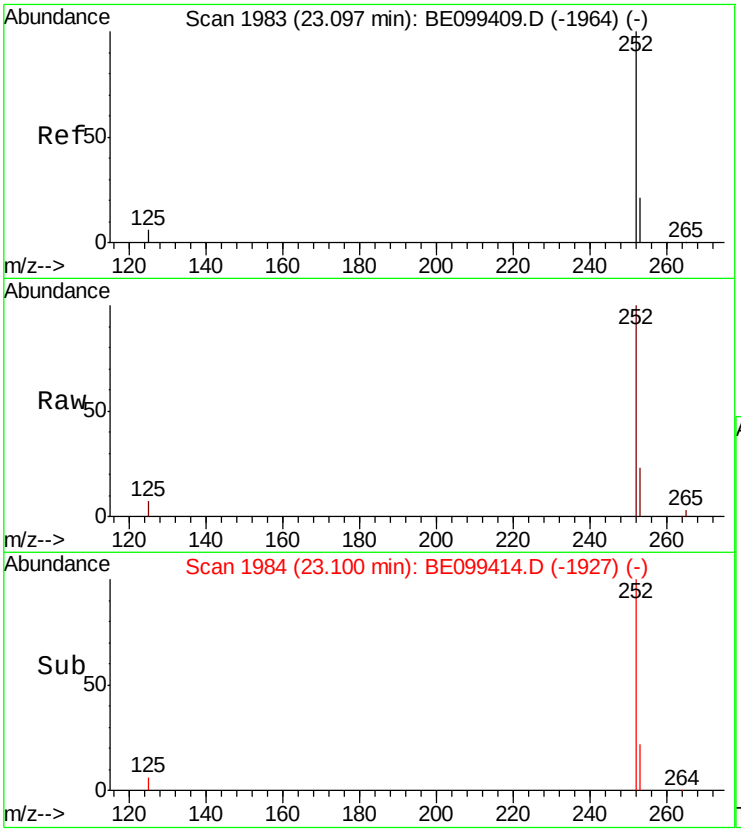


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:264 Resp: 31622

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.2
265	26.3	21.3	31.9



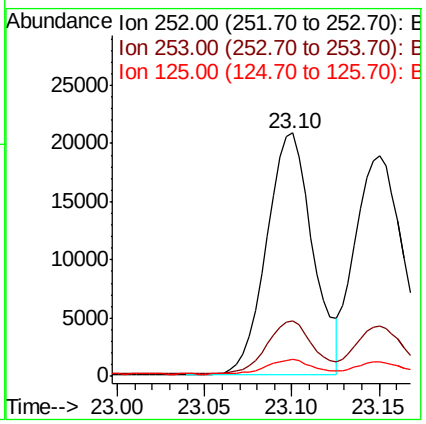


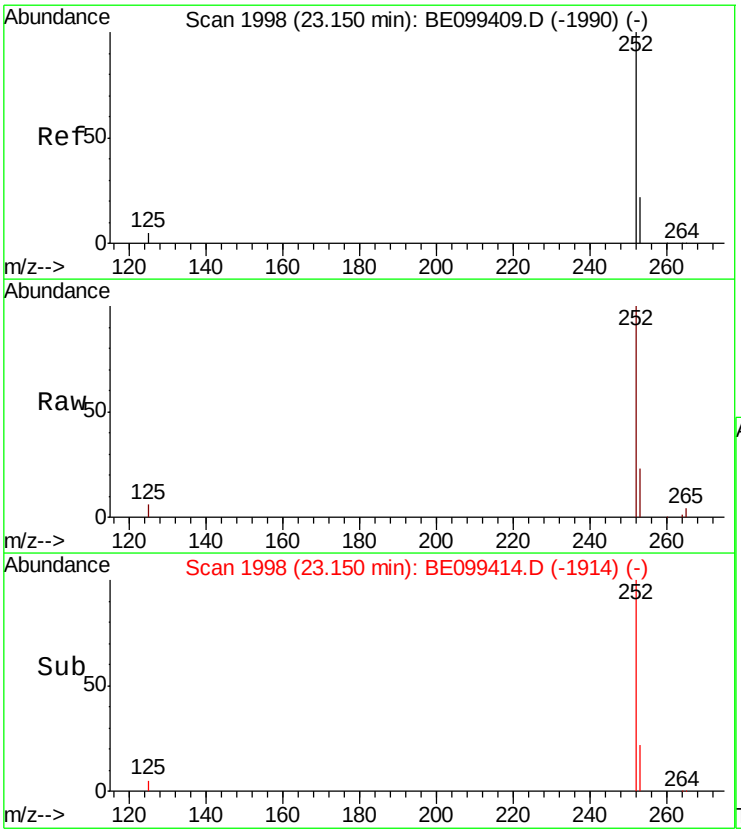
#35
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38222

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.9	5.6	8.4

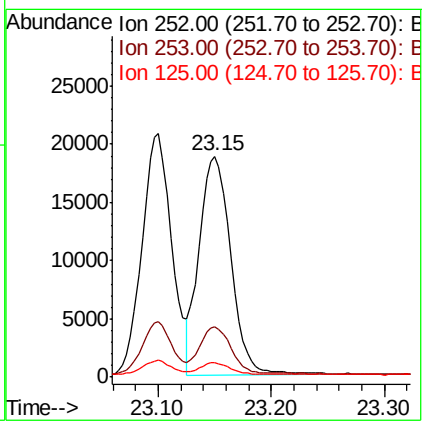


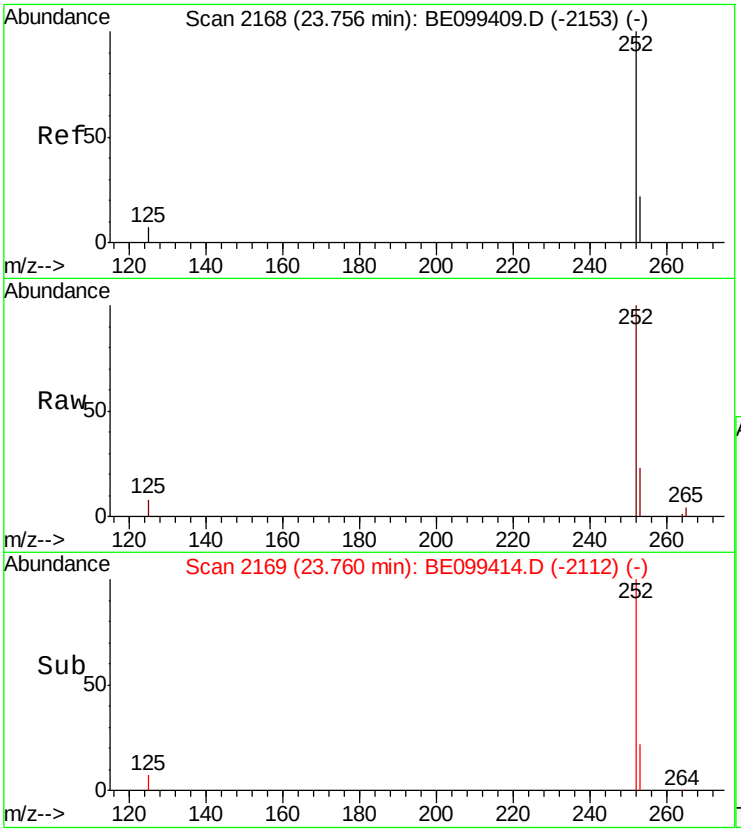


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:252 Resp: 36441

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.3	5.0	7.4



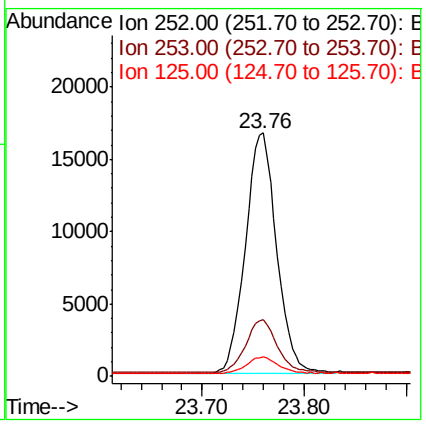


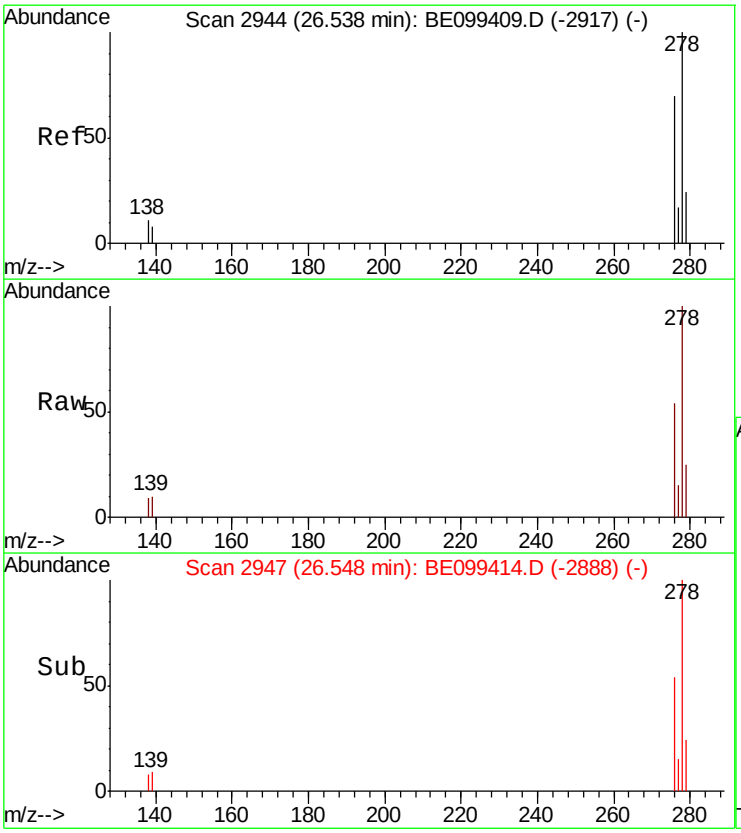
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35550

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	8.0	6.7	10.1

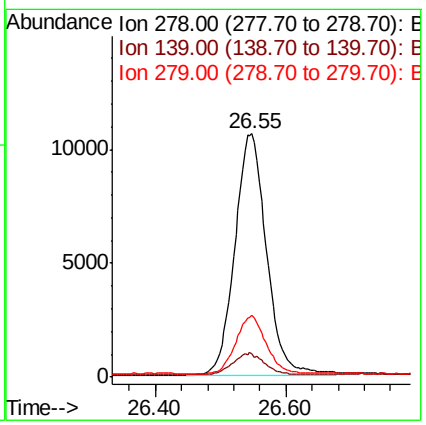


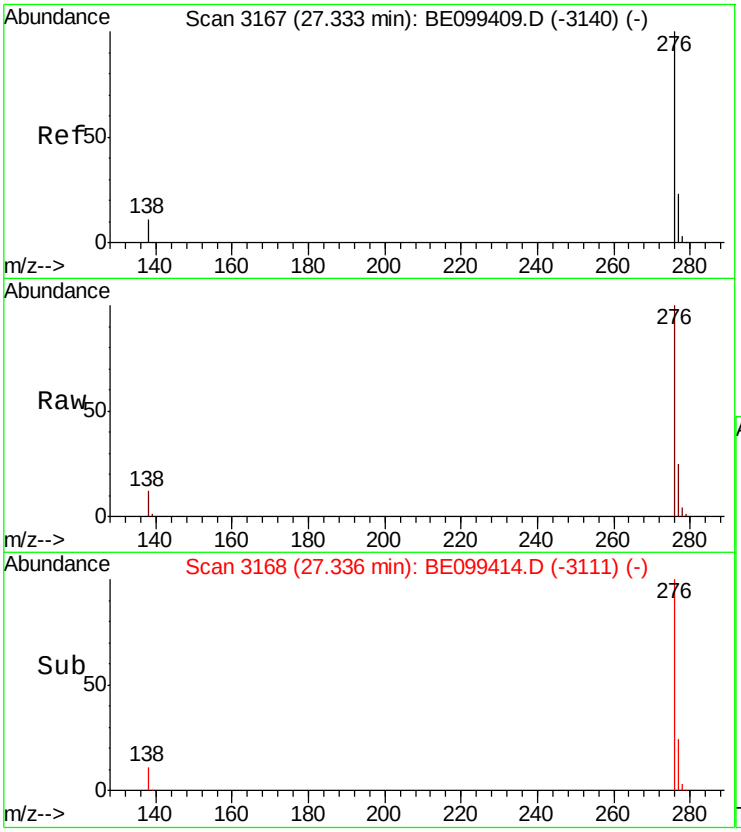


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:278 Resp: 35822

Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.7	11.5
279	25.2	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.411 ng
RT: 27.34 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36352

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	11.9	9.6	14.4