Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099471.D
Acq On : 1 May 2019 19:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 02 04:15:12 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	2921	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	12222	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	9353	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25400	0.40	ng		0.00
27) Chrysene-d12	21.37	240	28654	0.40	ng		0.00
34) Perylene-d12	23.86	264	32621	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	3421	0.42	ng		0.00
5) Phenol-d6	6.97	99	5133	0.48	ng		0.00
8) Nitrobenzene-d5	8.96	82	4711	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	8929	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	2343	0.40	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	14235	0.40	ng		-0.02
25) Fluoranthene-d10	19.22	212	125037	0.37	ng		0.00
29) Terphenyl-d14	19.81	244	25602	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1361	0.339	ng		95
3) n-Nitrosodimethylamine	3.63	42	981	0.405	ng	#	88
6) bis(2-Chloroethyl)ether	7.24	93	3707	0.400	ng		98
9) Naphthalene	10.65	128	54942	0.413	ng		99
10) Hexachlorobutadiene	10.93	225	3677	0.397	ng		99
12) 2-Methylnaphthalene	12.27	142	9725	0.420	ng		96
16) Acenaphthylene	14.17	152	18485	0.404	ng		98
17) Acenaphthene	14.51	154	10455	0.400	ng		100
18) Fluorene	15.49	166	15105	0.392	ng		98
20) 4-Bromophenyl-phenylether	16.39	248	6179	0.418	ng	#	86
21) Hexachlorobenzene	16.49	284	5973	0.424	ng		99
22) Pentachlorophenol	16.84	266	2688	0.533	ng		97
23) Phenanthrene	17.23	178	26539	0.405	ng		99
24) Anthracene	17.32	178	25049	0.401	ng		99
26) Fluoranthene	19.25	202	36046	0.367	ng		99
28) Pyrene	19.61	202	37294	0.499	ng		100
30) Benzo(a)anthracene	21.34	228	42092	0.461	ng		97
31) Chrysene	21.40	228	38888	0.435	ng		98
32) Bis(2-ethylhexyl)phthalate	21.26	149	62448	0.413	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	46640	0.442	ng	#	94
35) Benzo(b)fluoranthene	23.14	252	38234	0.406	ng		99
36) Benzo(k)fluoranthene	23.14	252	38234	0.422	ng		100
37) Benzo(a)pyrene	23.75	252	37187	0.418	ng	#	96
38) Dibenzo(a,h)anthracene	26.53	278	37402	0.411	ng		98
39) Benzo(g,h,i)perylene	27.32	276	38044	0.417	ng		99

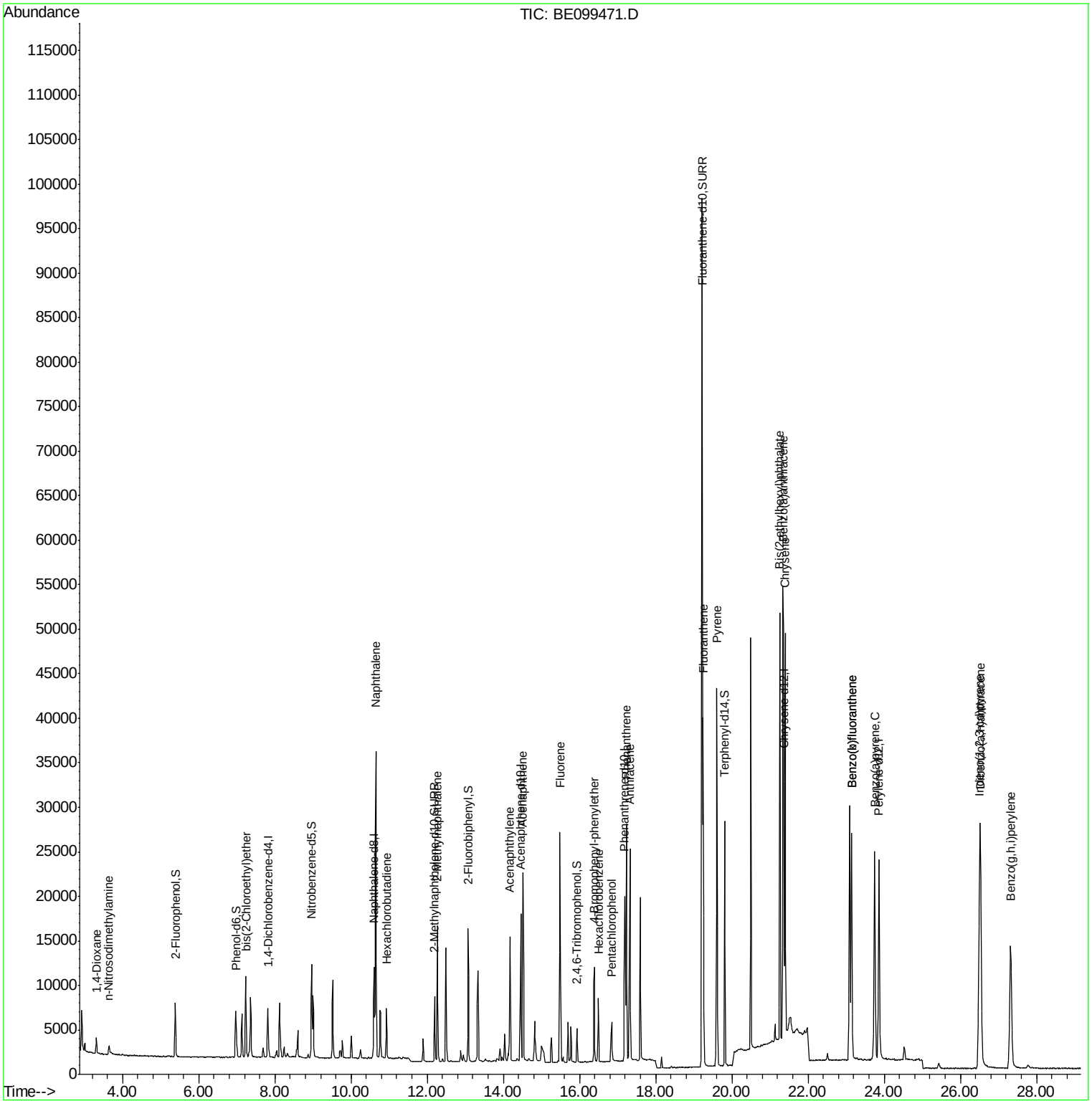
(#) = qualifier out of range (m) = manual integration (+) = signals summed

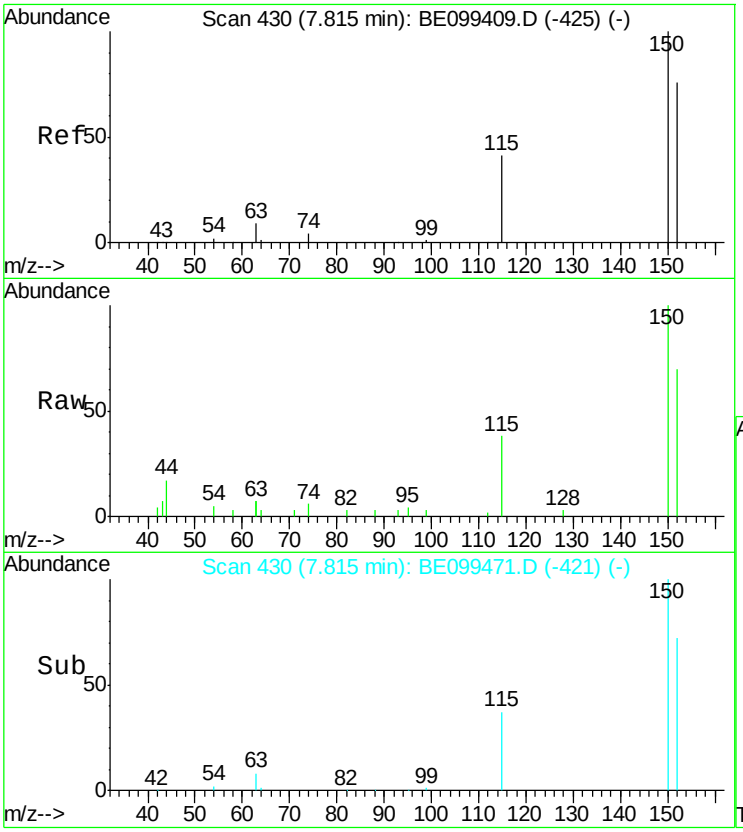
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099471.D
Acq On : 1 May 2019 19:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 02 04:15:12 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



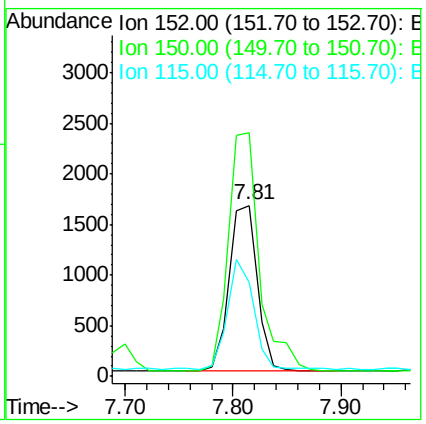


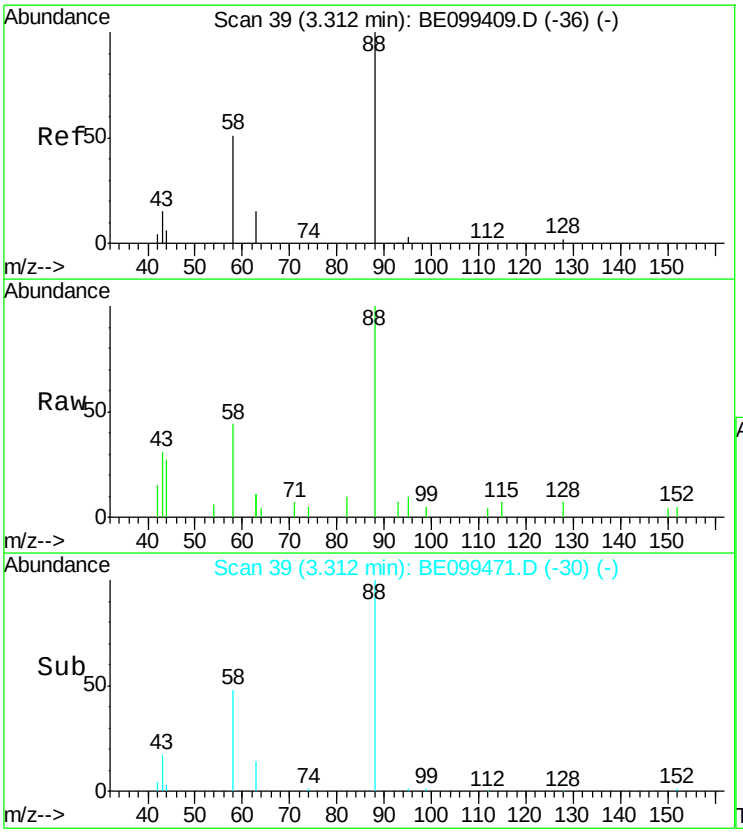
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2921

Ion	Ratio	Lower	Upper
152	100		
150	142.4	104.8	157.2
115	54.7	46.6	69.8

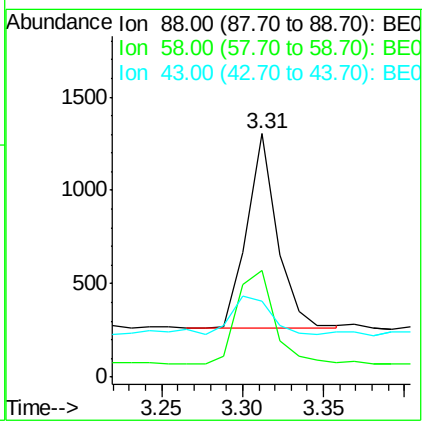


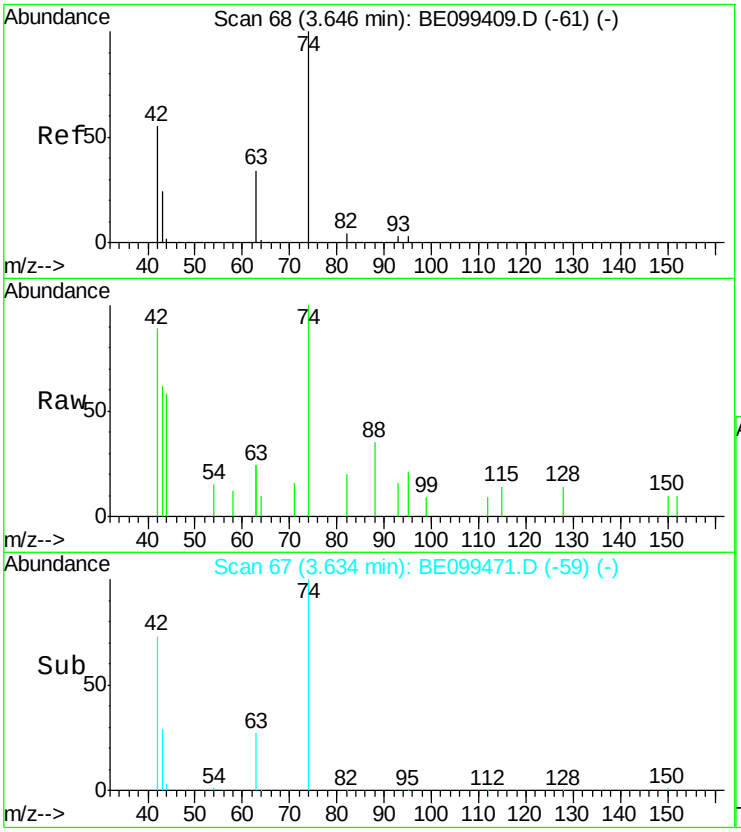


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion: 88 Resp: 1361

Ion	Ratio	Lower	Upper
88	100		
58	58.7	51.0	76.6
43	24.9	20.6	30.8



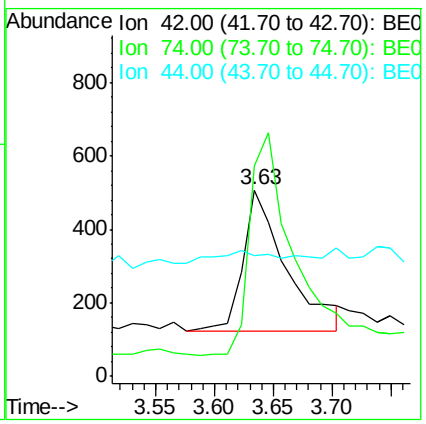


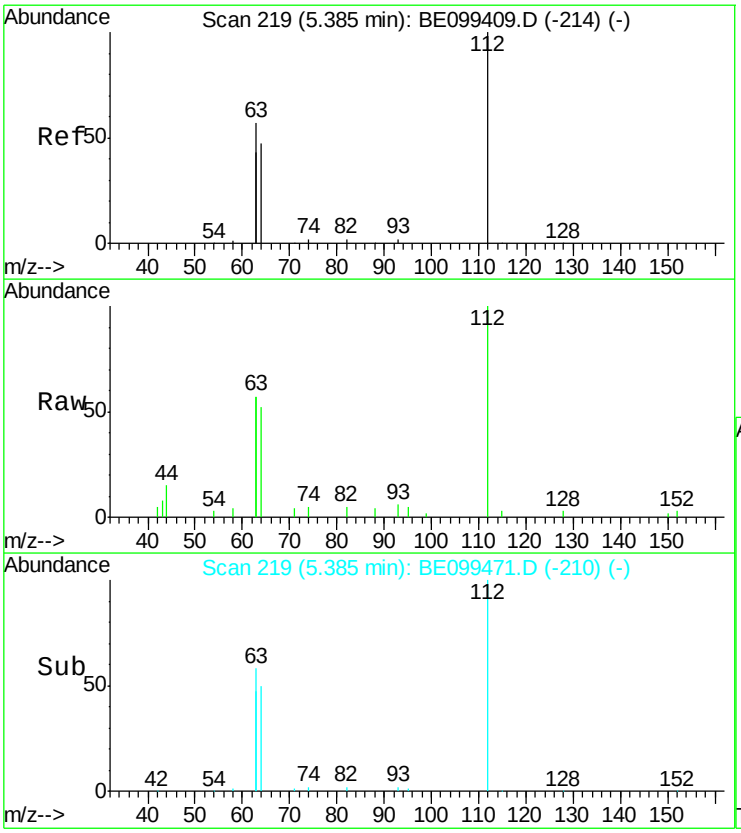
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 981

Ion	Ratio	Lower	Upper
42	100		
74	160.2	141.6	212.4
44	0.0	0.0	0.0

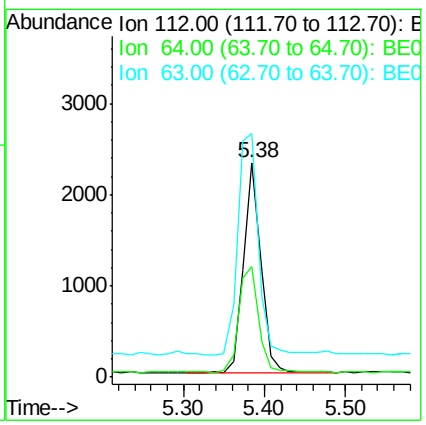


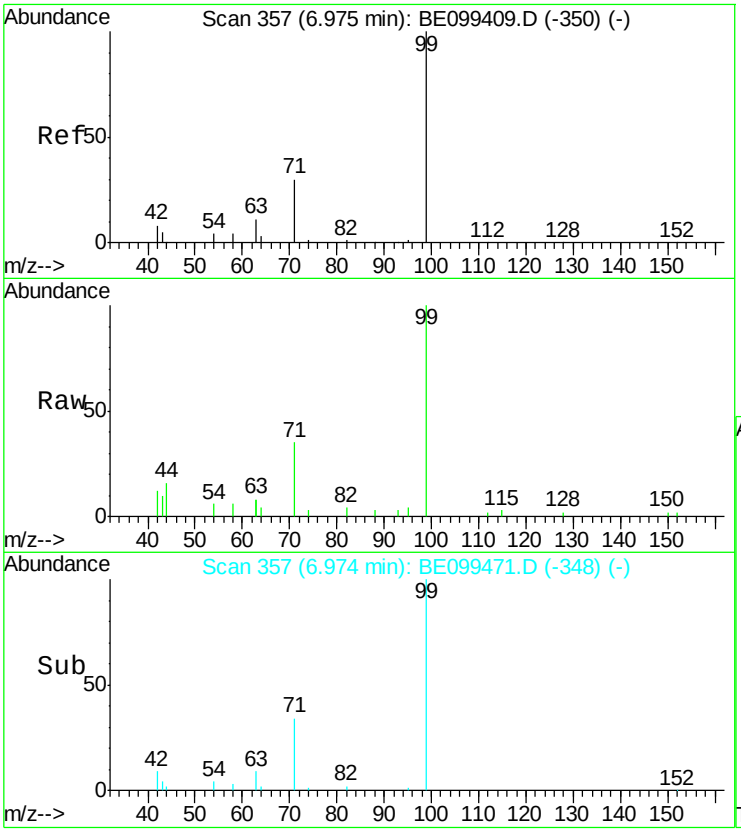


#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:112 Resp: 3421

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.4	71.0
63	125.6	104.3	156.5



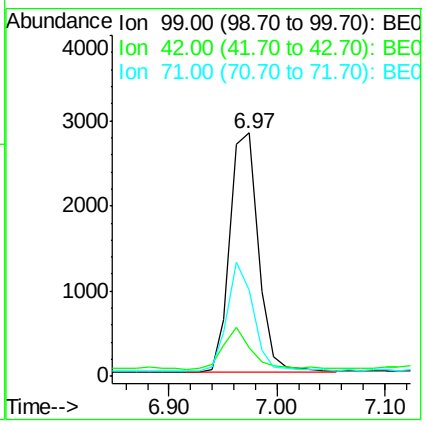


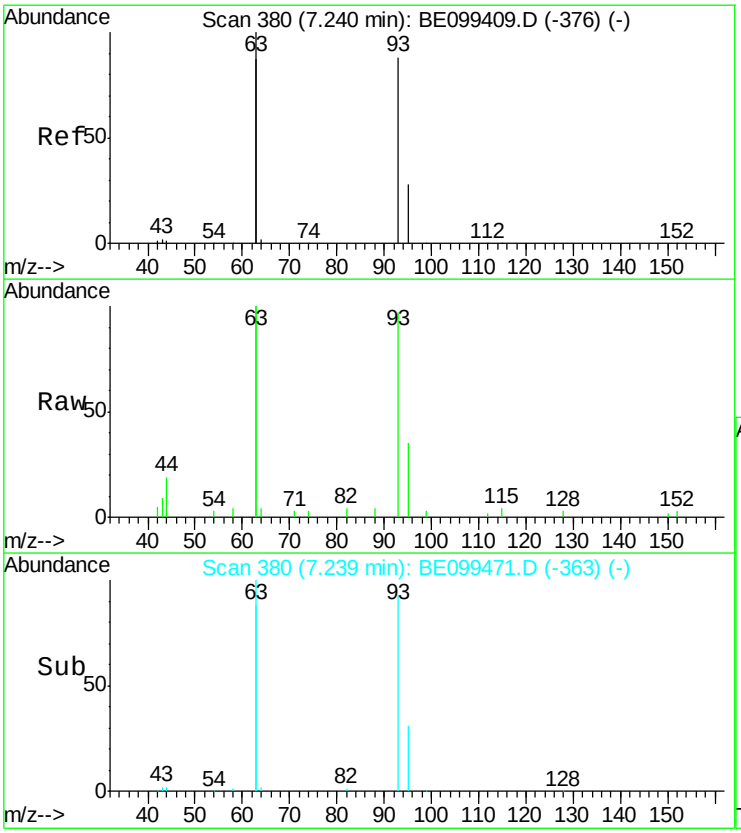
#5
Phenol-d6
Concen: 0.478 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5133

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.9	22.3
71	41.6	33.0	49.6

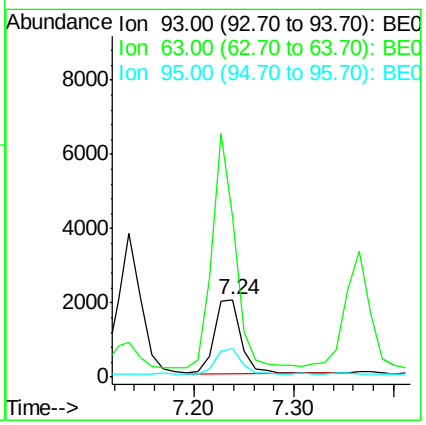


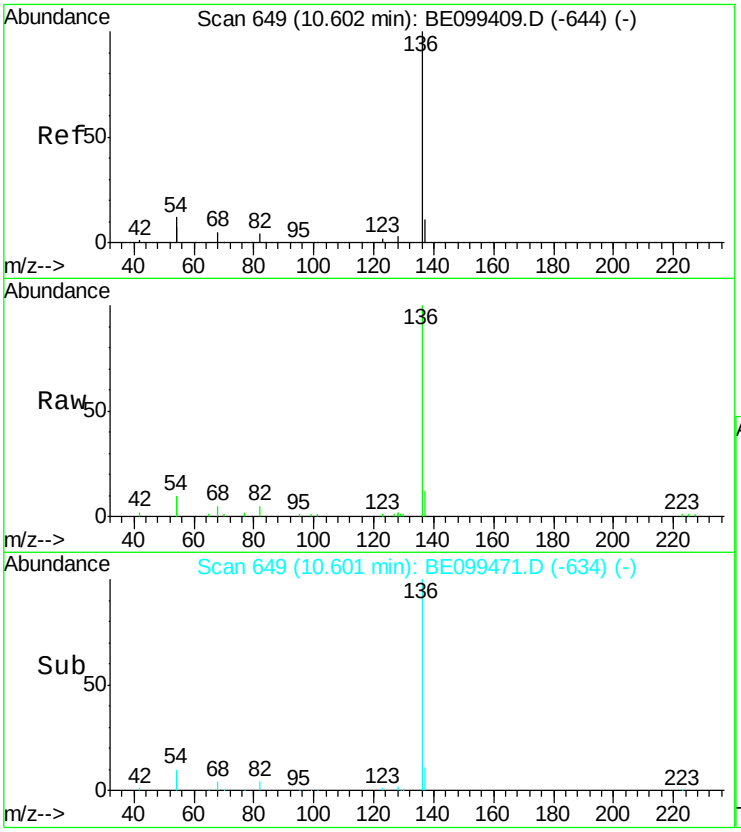


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion: 93 Resp: 3707

Ion	Ratio	Lower	Upper
93	100		
63	272.5	215.6	323.4
95	31.7	26.2	39.2



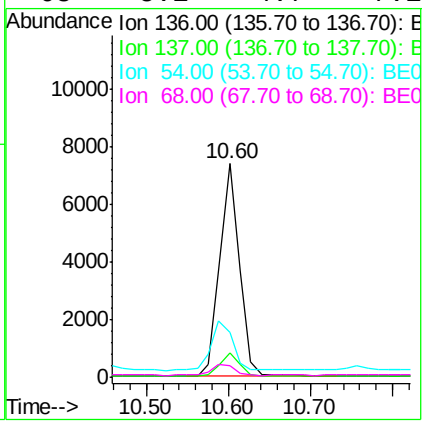


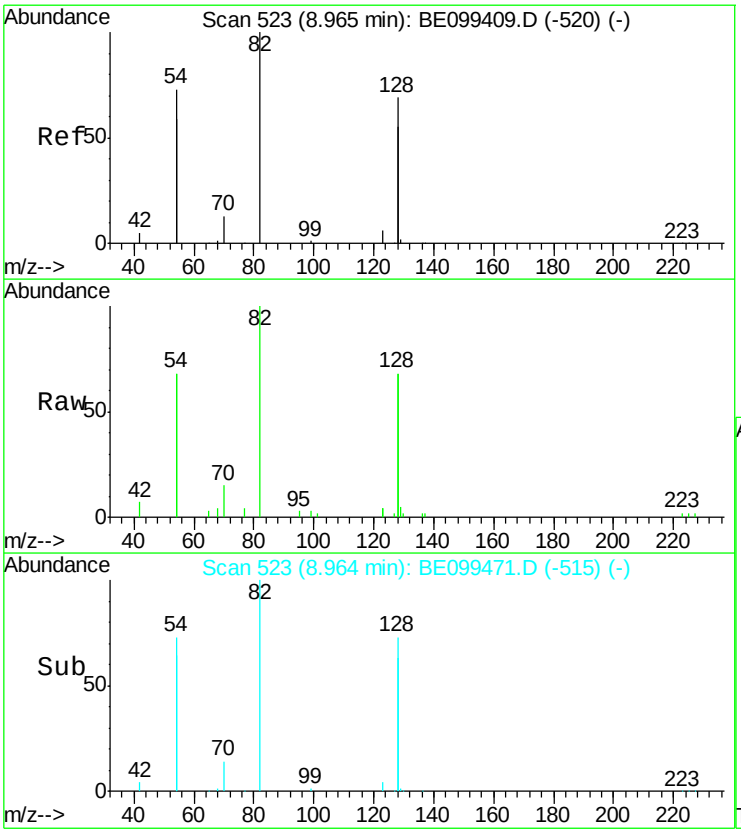
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 12222

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	20.7	18.5	27.7
68	5.1	4.7	7.1

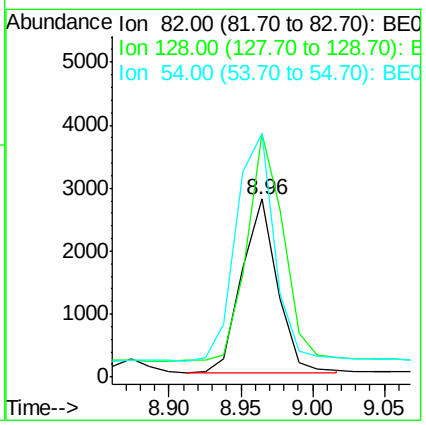


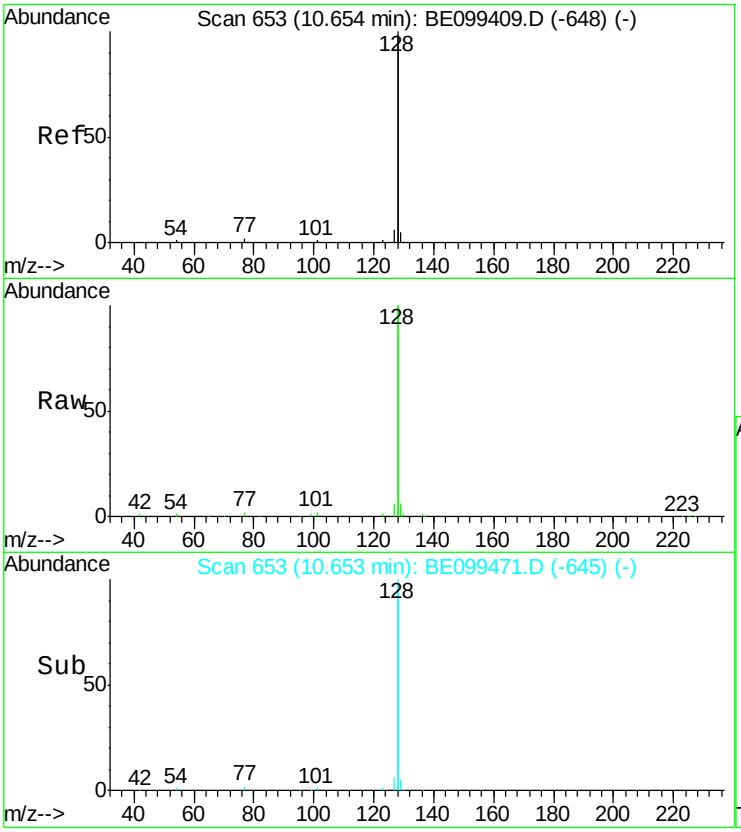


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion: 82 Resp: 4711

Ion	Ratio	Lower	Upper
82	100		
128	136.9	107.0	160.4
54	136.9	113.1	169.7



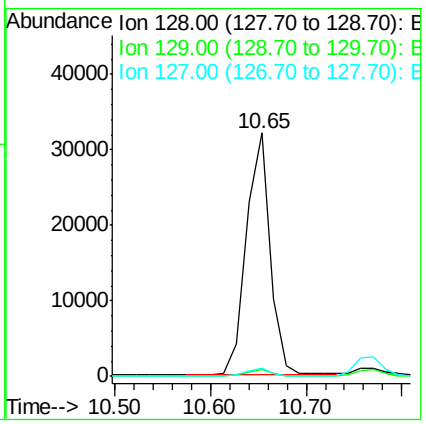


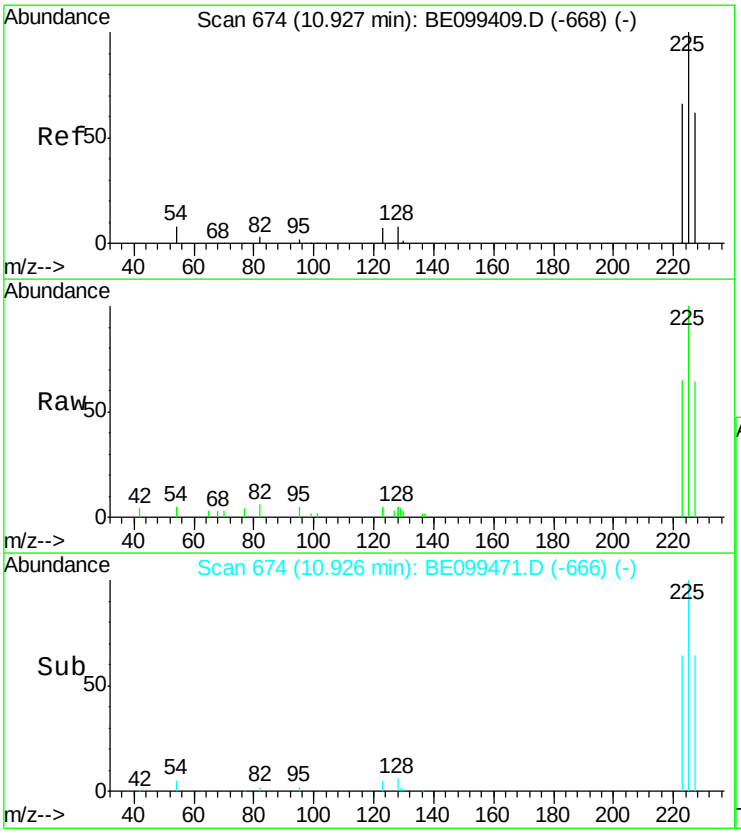
#9
Naphthalene
Concen: 0.413 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 54942

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.2	2.8	4.2

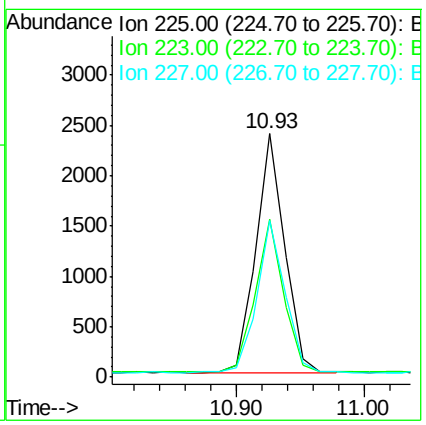


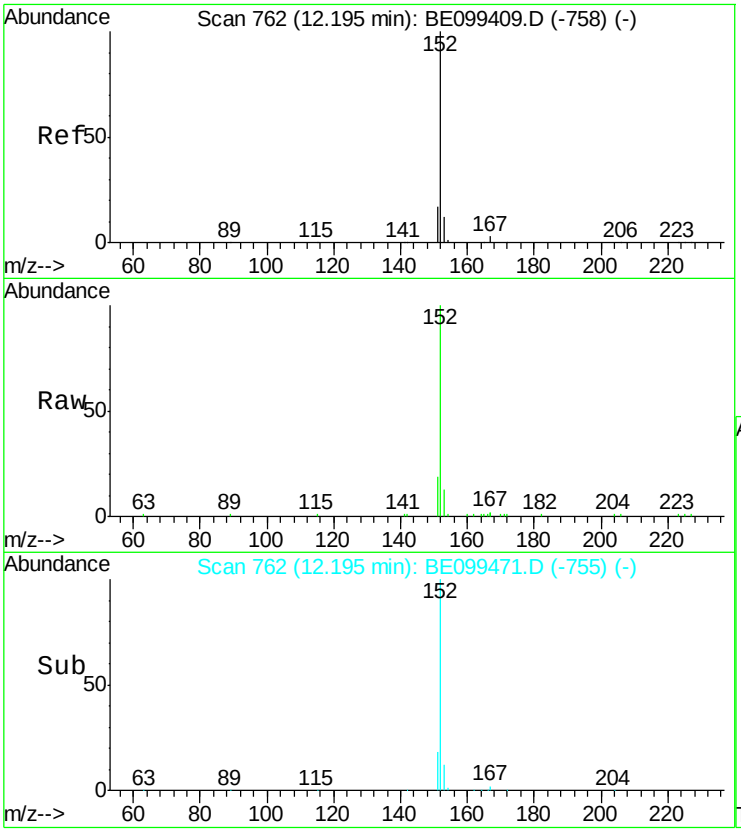


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:225 Resp: 3677

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	62.4	50.9	76.3



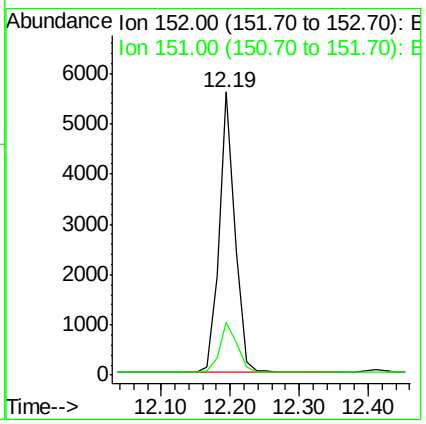


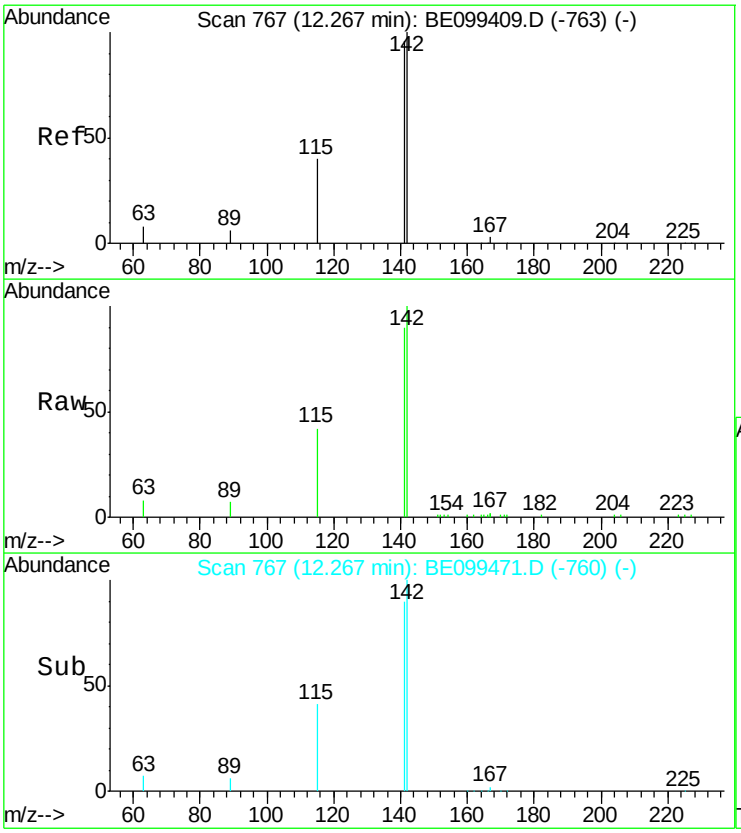
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8929

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

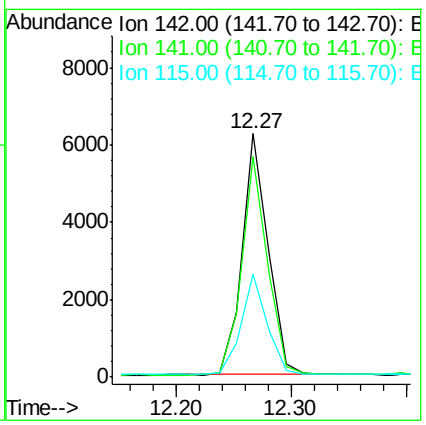


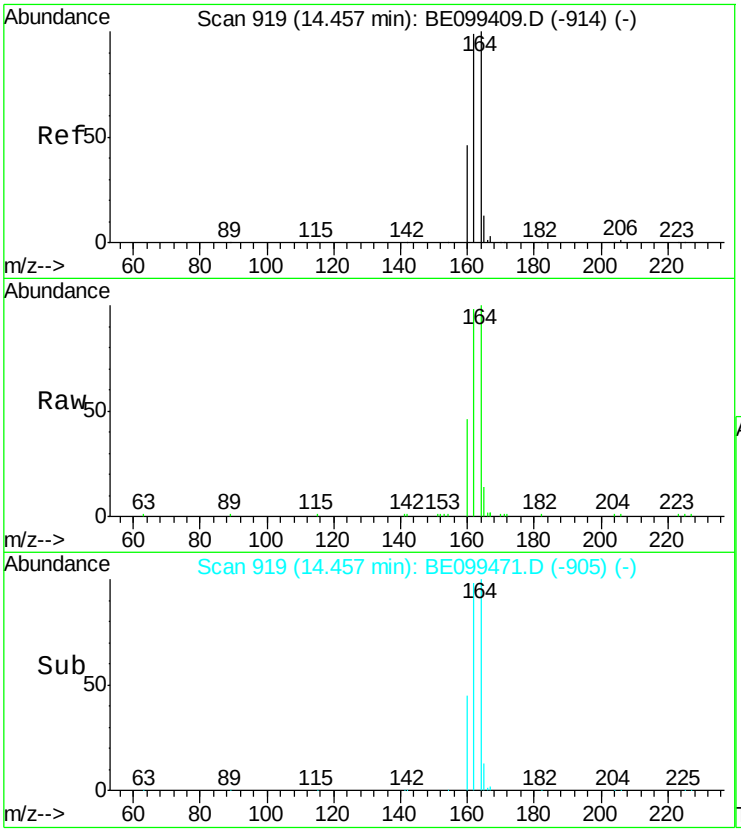


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:142 Resp: 9725

Ion	Ratio	Lower	Upper
142	100		
141	90.5	77.0	115.4
115	42.3	33.4	50.0



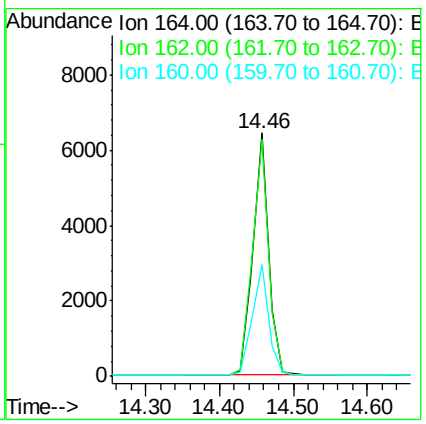


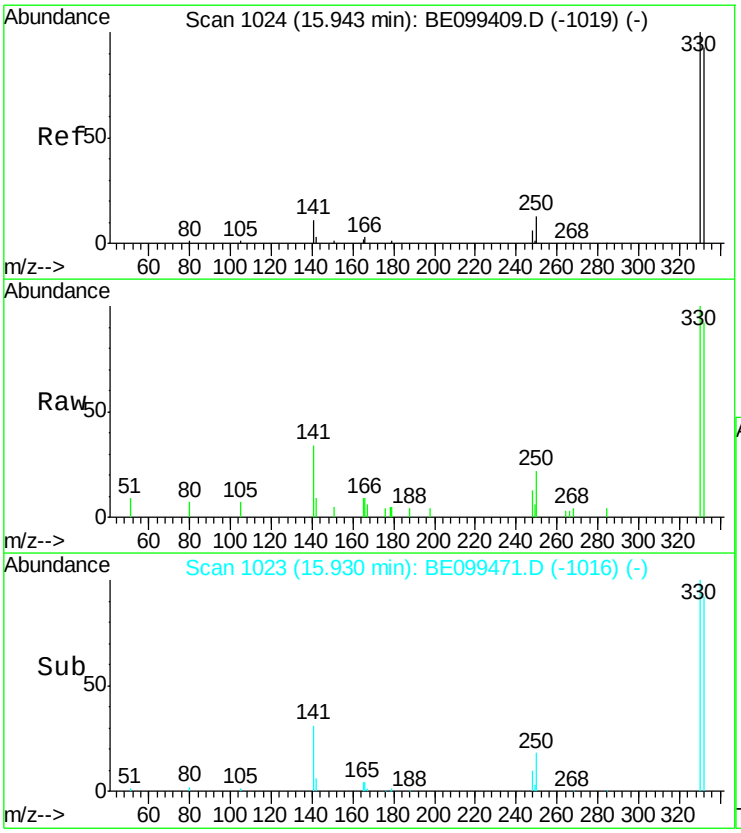
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9353

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.4
160	45.9	37.0	55.4

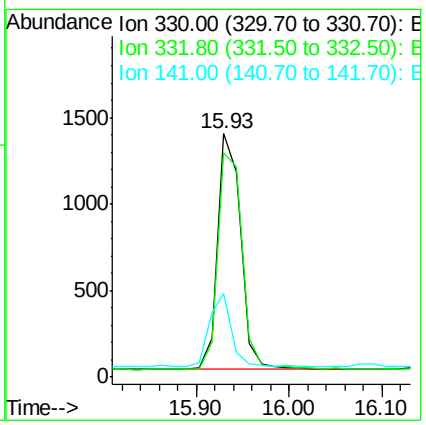


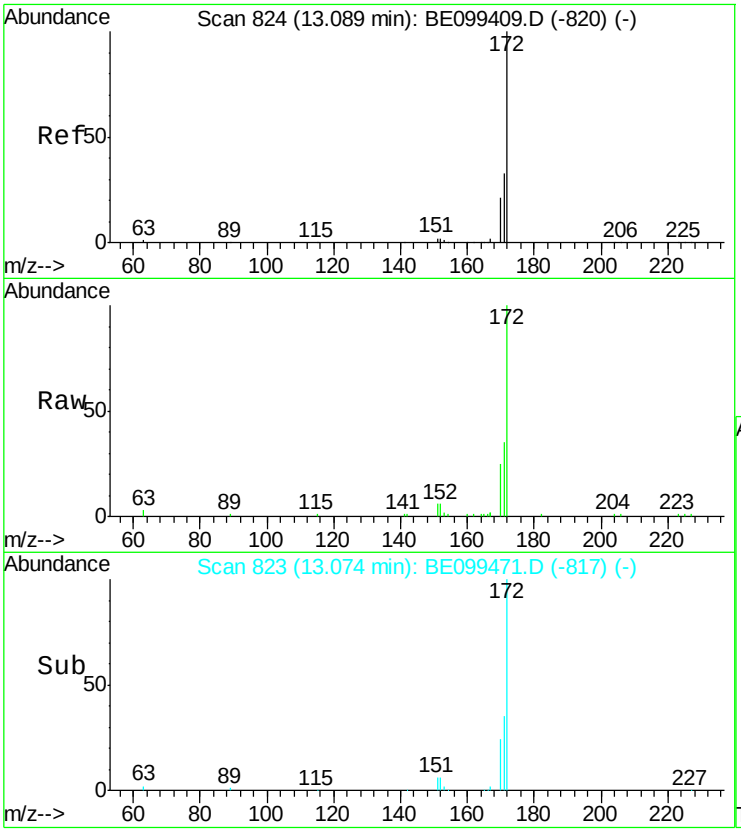


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:330 Resp: 2343

Ion	Ratio	Lower	Upper
330	100		
332	97.6	71.5	107.3
141	30.2	24.0	36.0



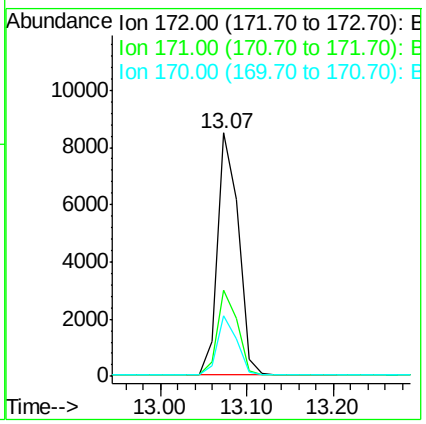


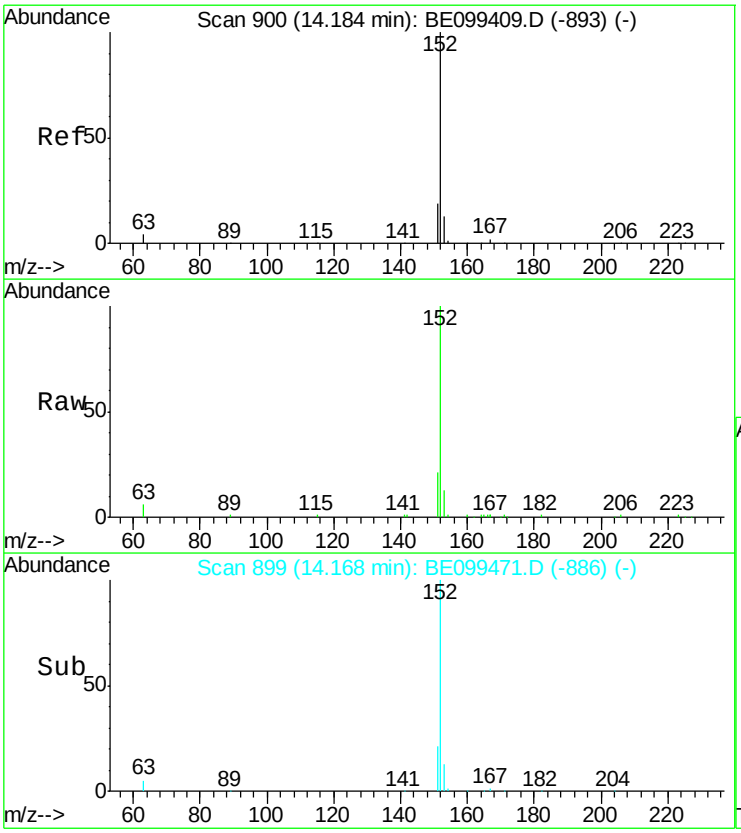
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14235

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.6	39.8
170	24.7	17.0	25.6

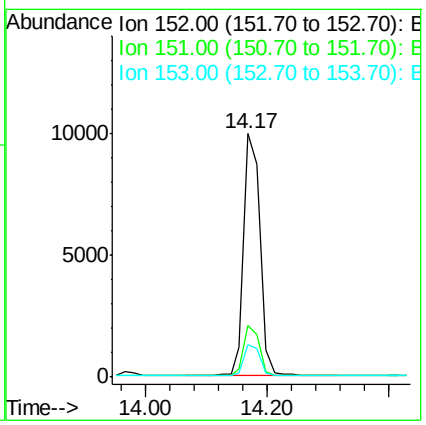


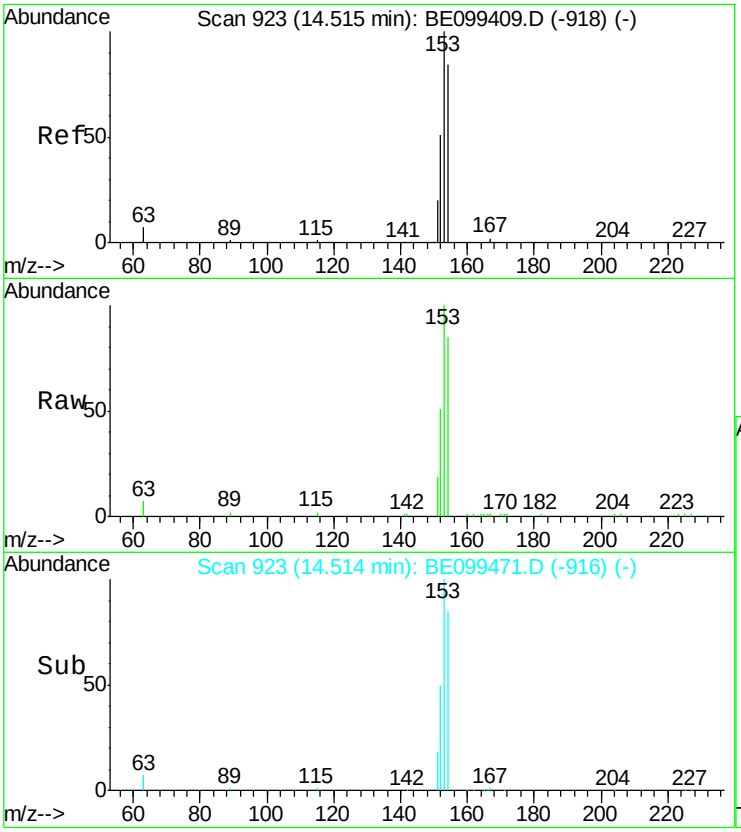


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:152 Resp: 18485

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	12.8	9.8	14.6



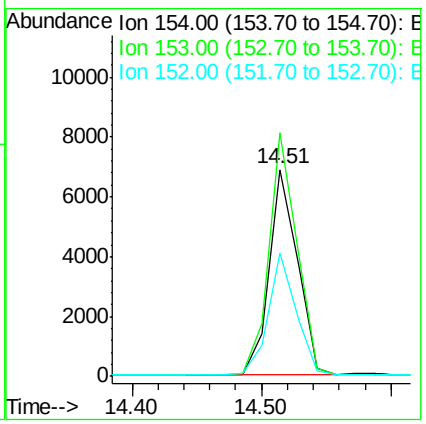


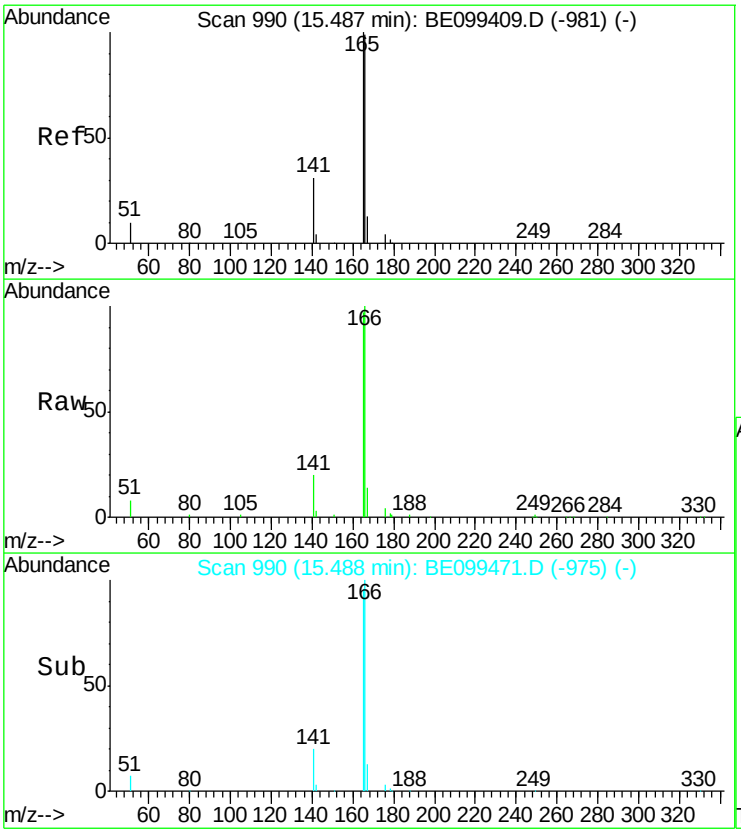
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10455

Ion	Ratio	Lower	Upper
154	100		
153	115.6	92.6	138.8
152	57.2	45.8	68.8

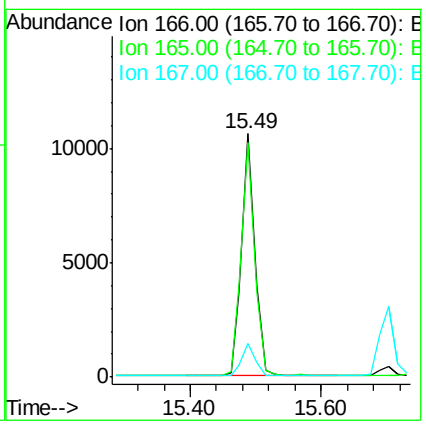


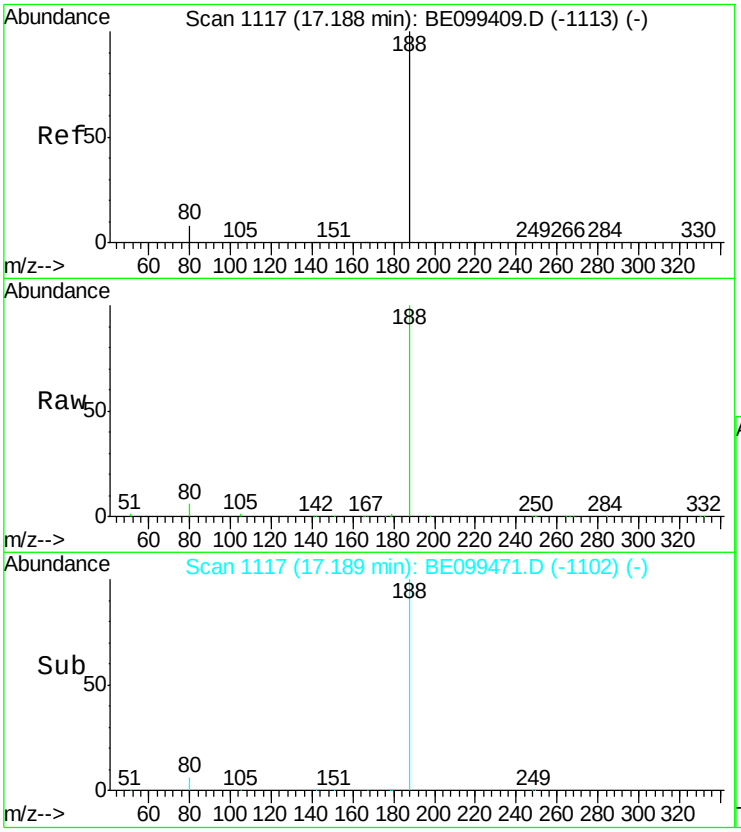


#18
Fluorene
Concen: 0.392 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:166 Resp: 15105

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.3	120.5
167	13.6	10.7	16.1



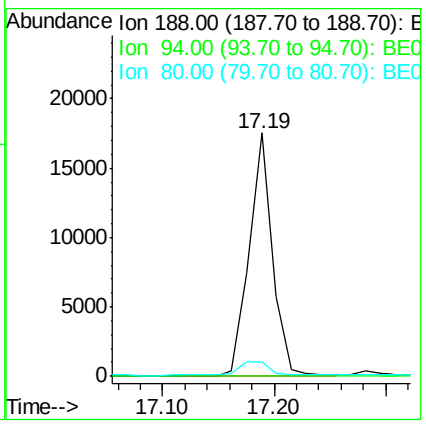


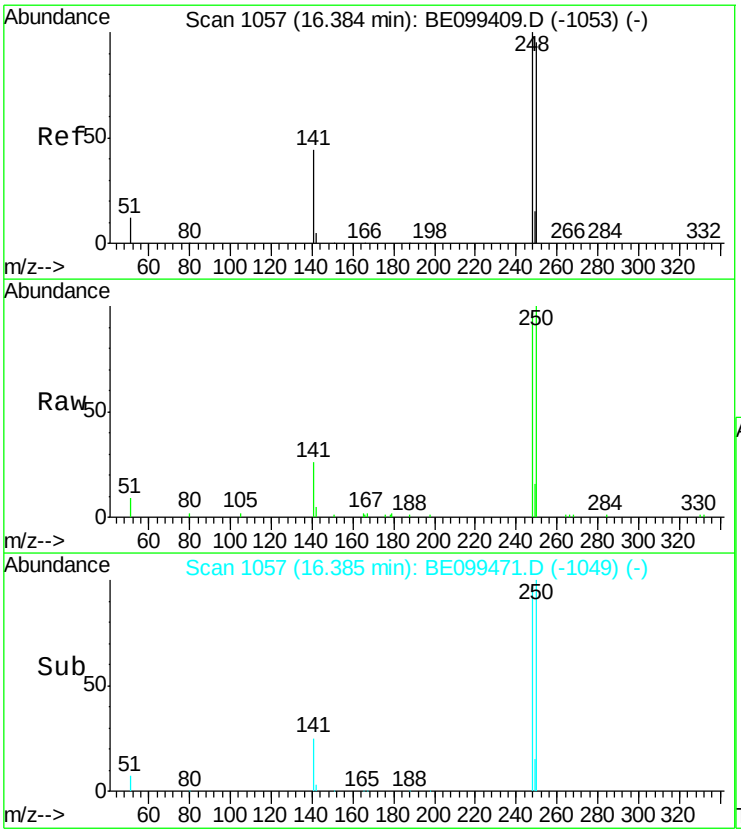
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 25400

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	6.7	10.1#

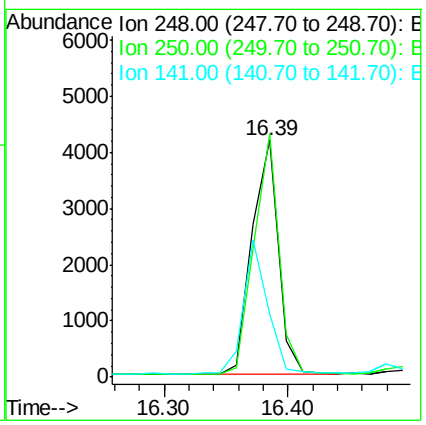


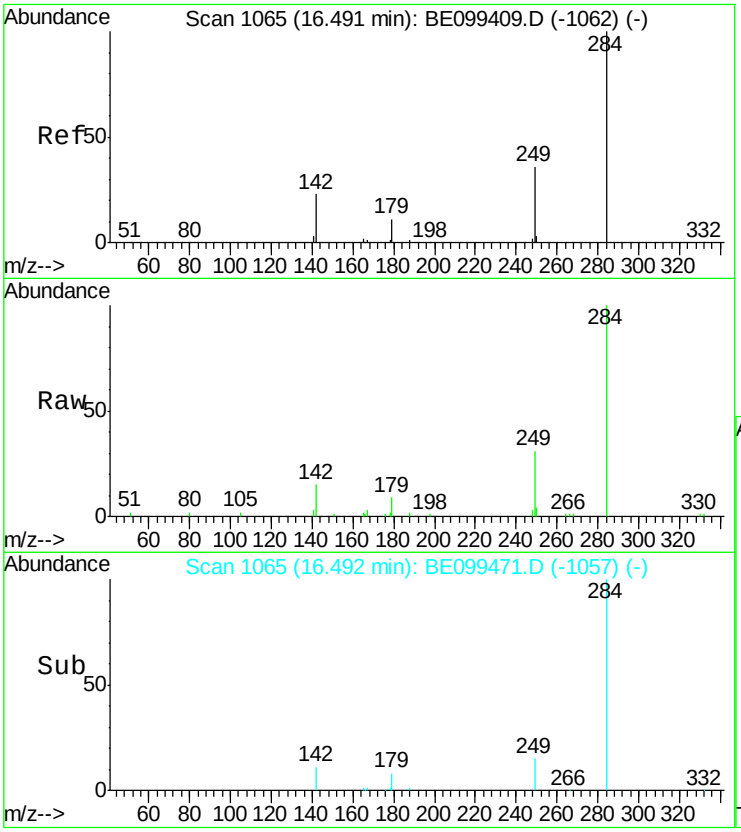


#20
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:248 Resp: 6179

Ion	Ratio	Lower	Upper
248	100		
250	102.8	75.8	113.8
141	26.7	35.7	53.5#



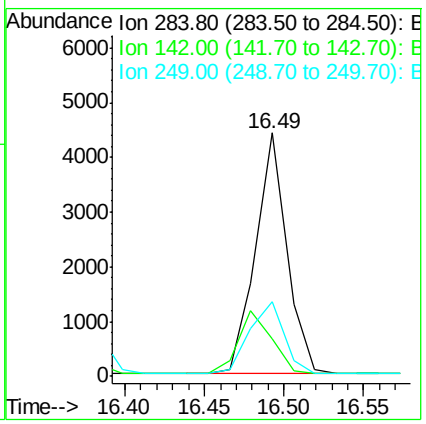


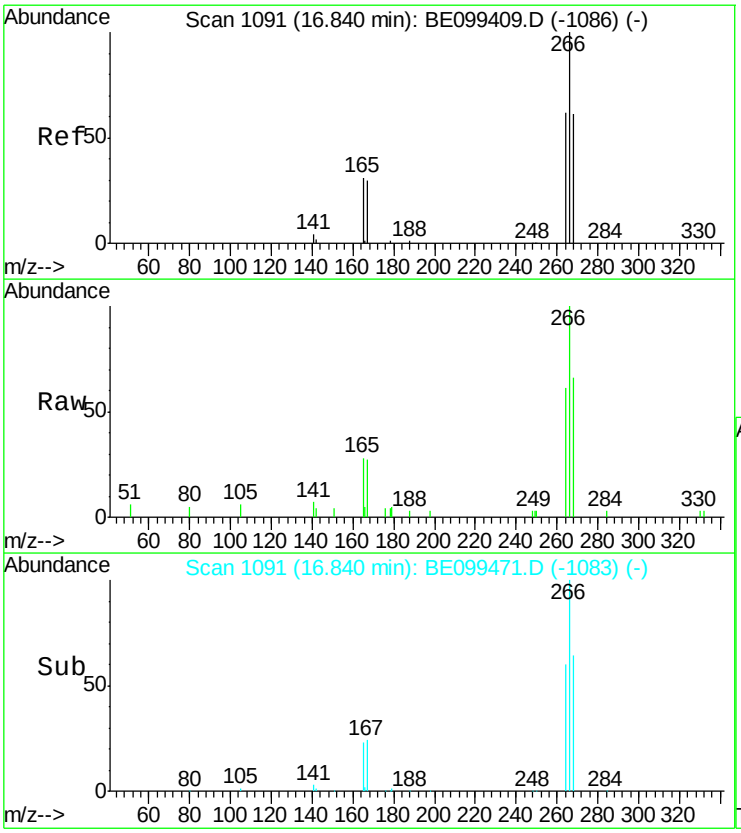
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5973

Ion	Ratio	Lower	Upper
284	100		
142	27.5	21.0	31.6
249	33.1	26.7	40.1

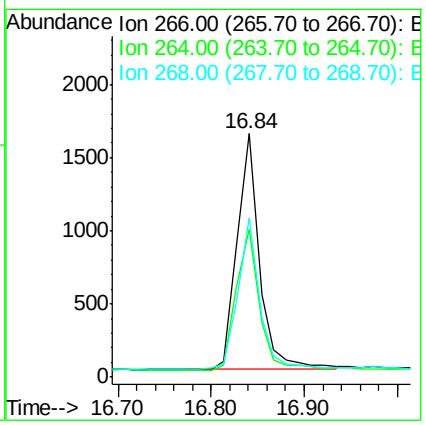


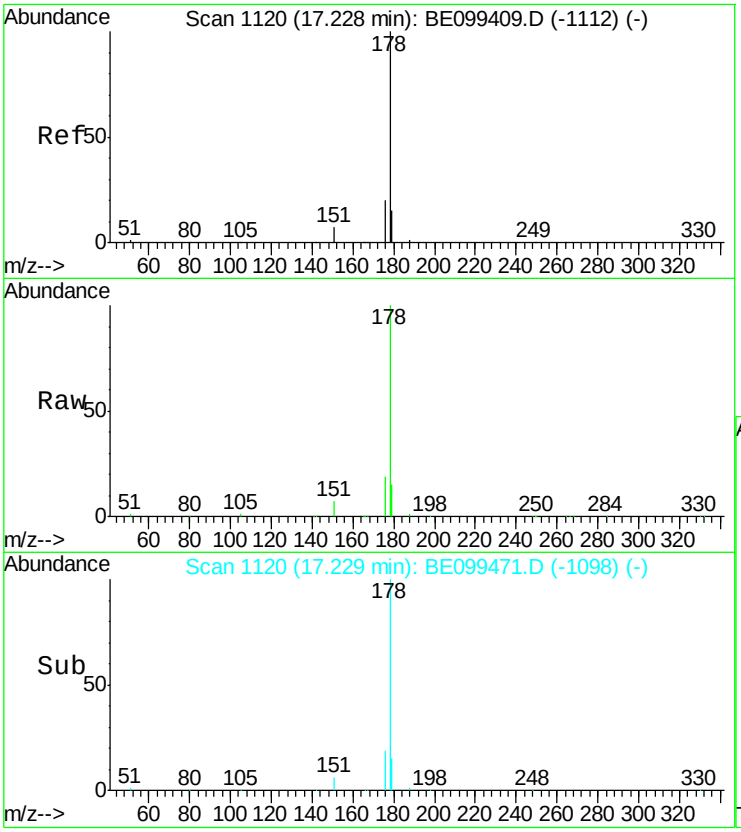


#22
Pentachlorophenol
Concen: 0.533 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:266 Resp: 2688

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.8	76.2
268	65.6	50.5	75.7



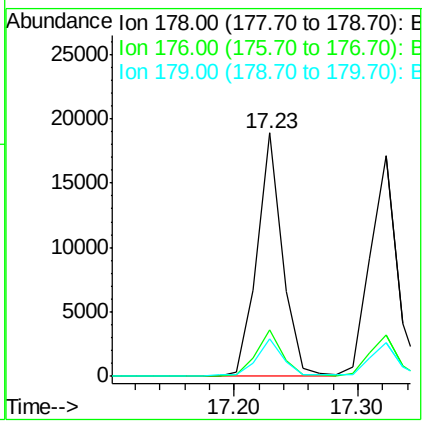


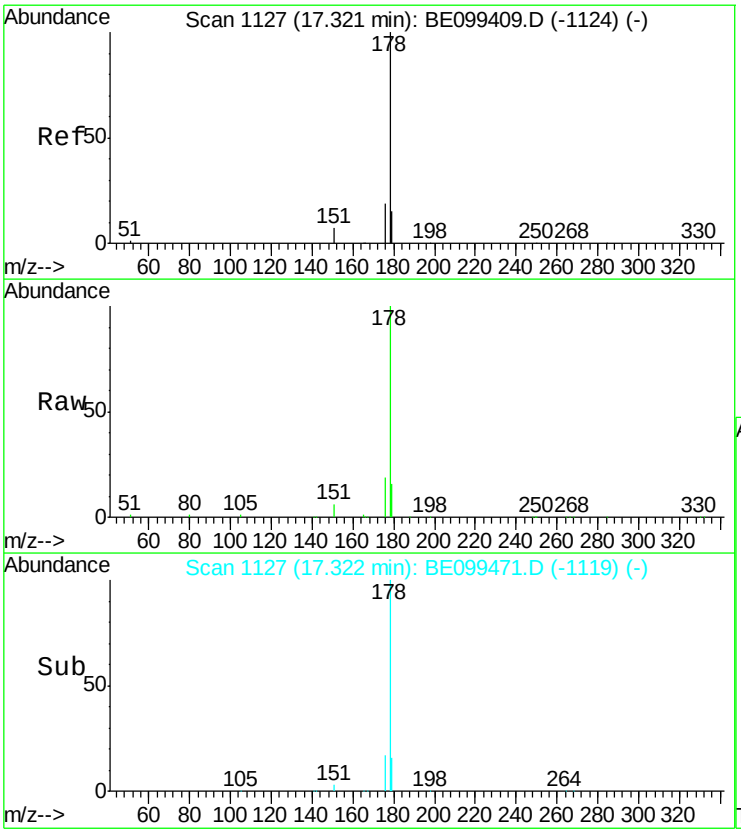
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26539

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.3	12.0	18.0

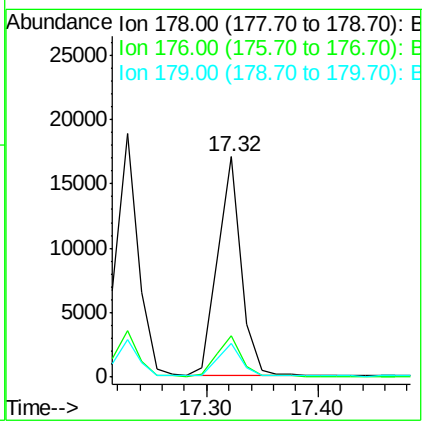


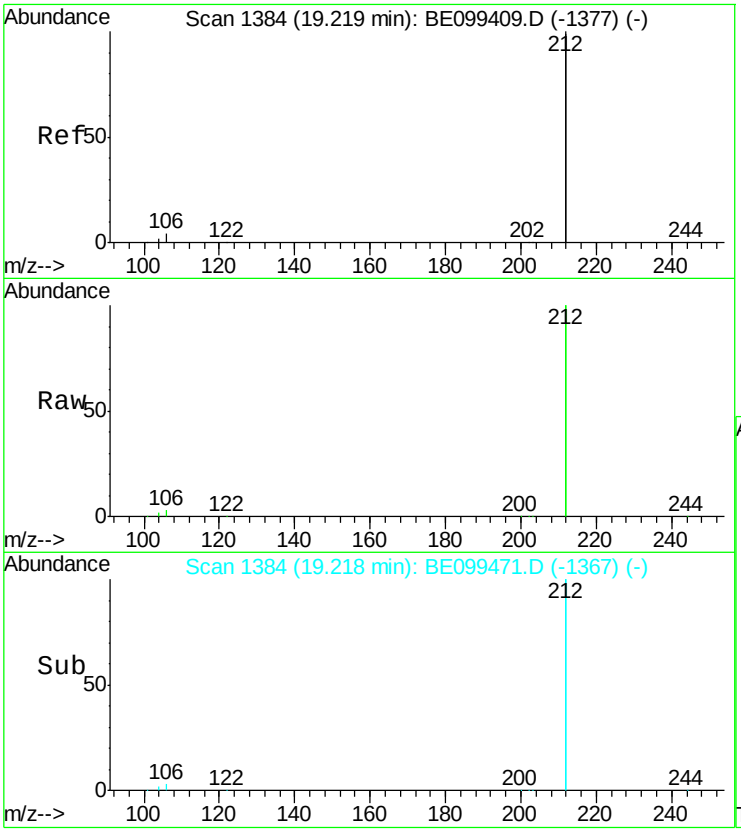


#24
Anthracene
Concen: 0.401 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:178 Resp: 25049

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.1	11.9	17.9



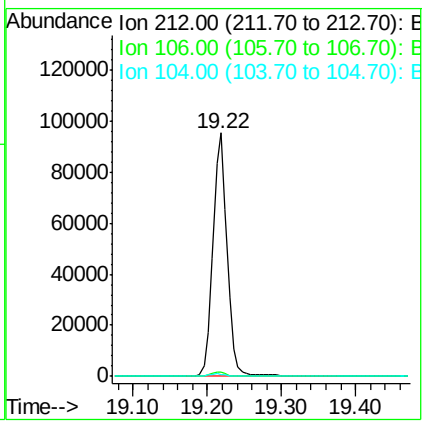


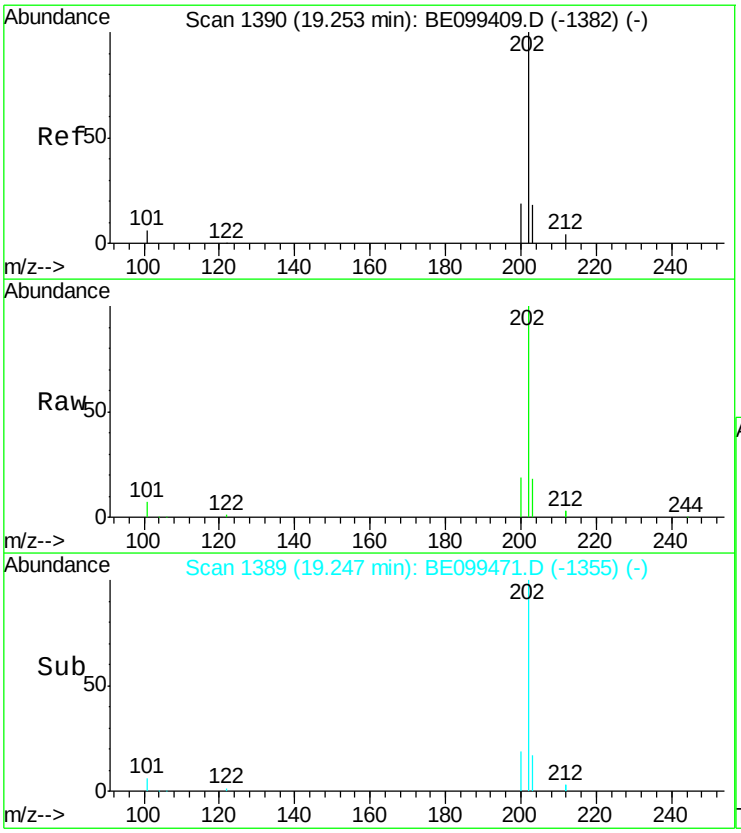
#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 125037

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

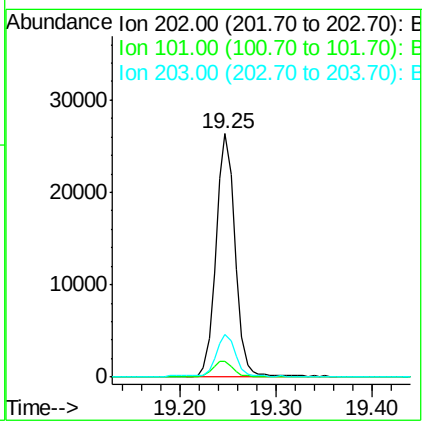


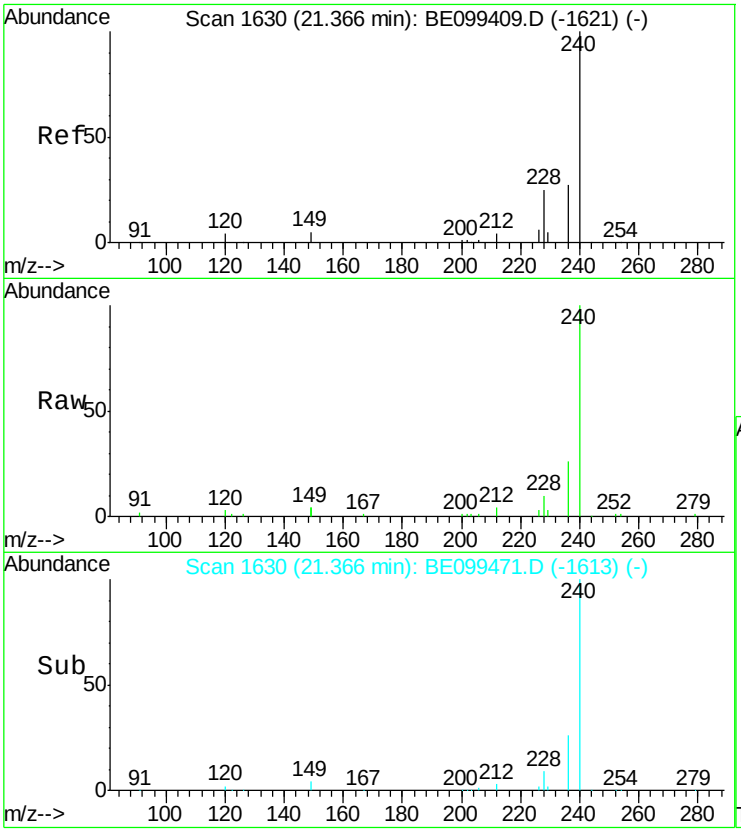


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:202 Resp: 36046

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.0
203	17.0	13.9	20.9



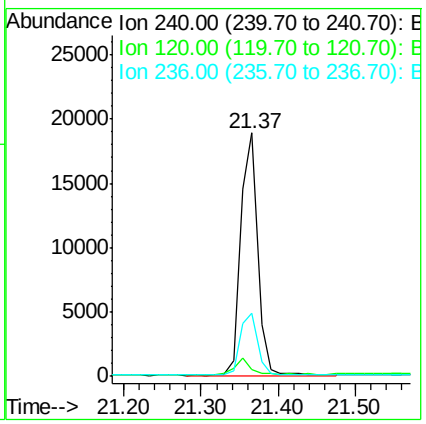


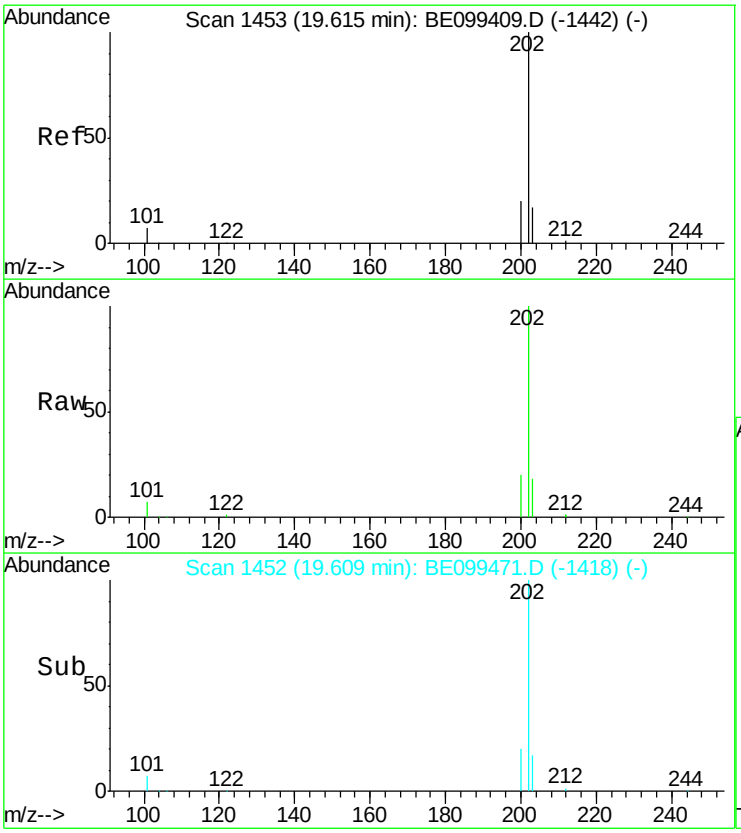
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 28654

Ion	Ratio	Lower	Upper
240	100		
120	3.0	4.0	6.0#
236	26.0	22.0	33.0

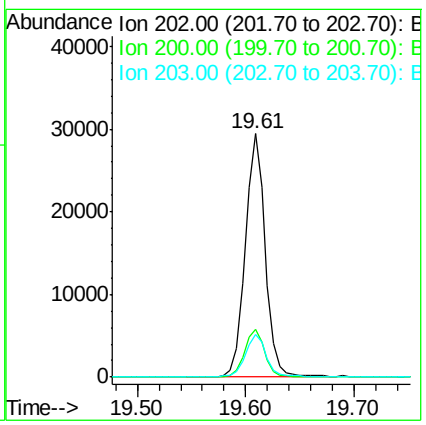


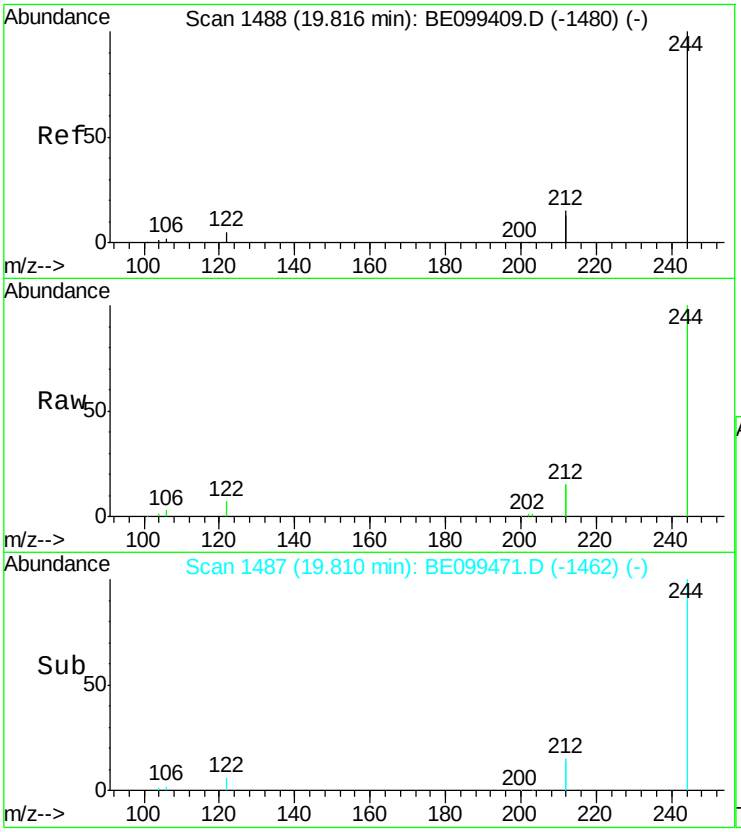


#28
Pyrene
Concen: 0.499 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:202 Resp: 37294

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.8	13.9	20.9



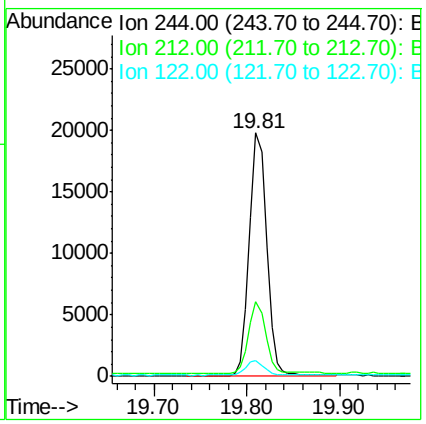


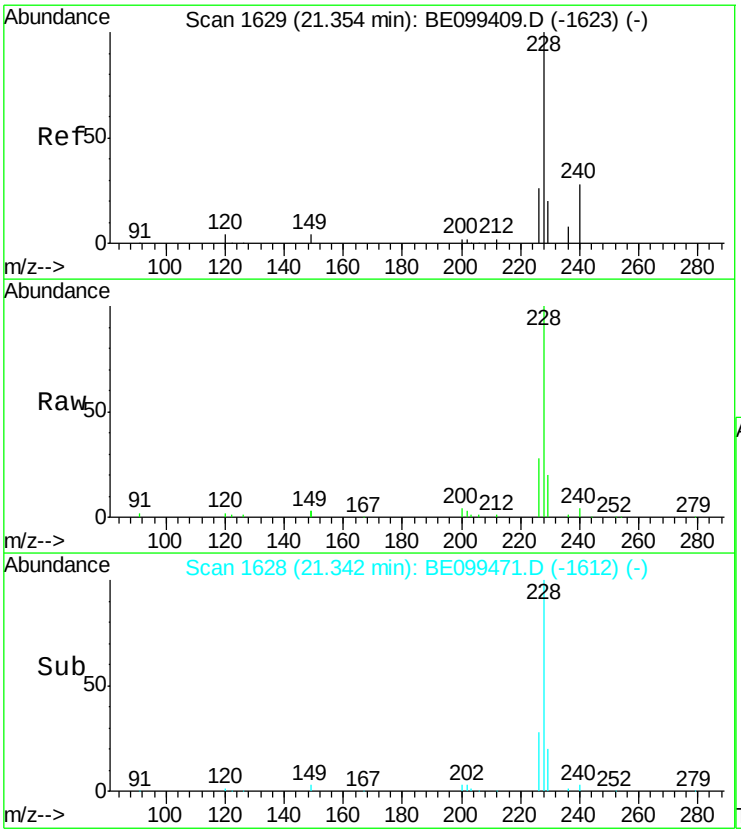
#29
Terphenyl-d14
Concen: 0.488 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 25602

Ion	Ratio	Lower	Upper
244	100		
212	30.7	23.2	34.8
122	6.7	4.2	6.4#

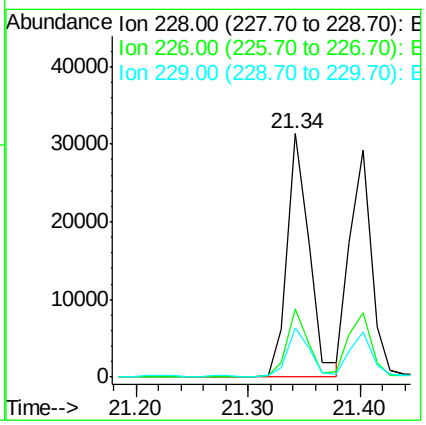


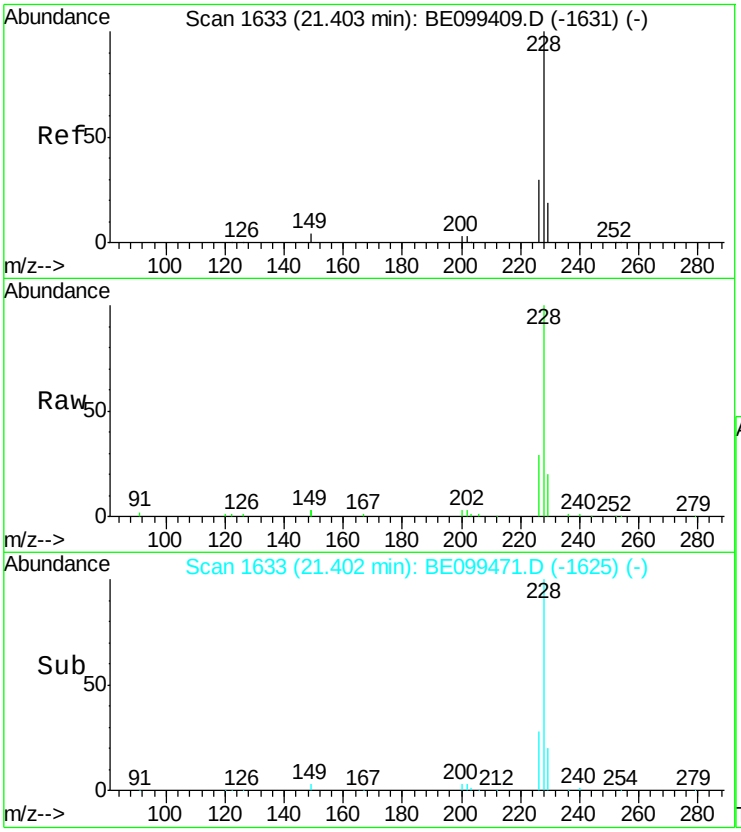


#30
Benzo(a)anthracene
Concen: 0.461 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:228 Resp: 42092

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.6
229	20.0	16.6	25.0



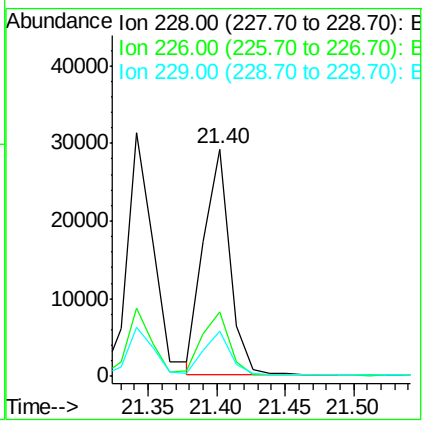


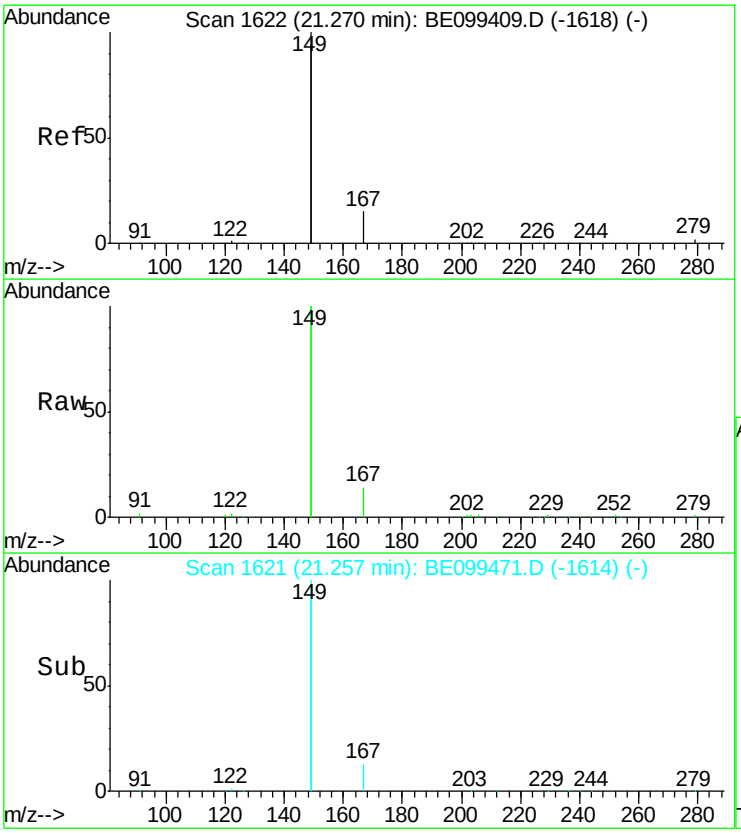
#31
Chrysene
Concen: 0.435 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 38888

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	20.1	15.8	23.8

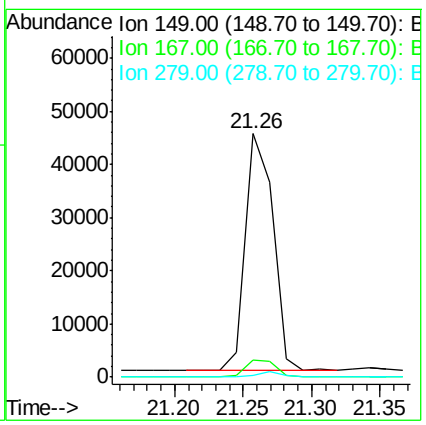


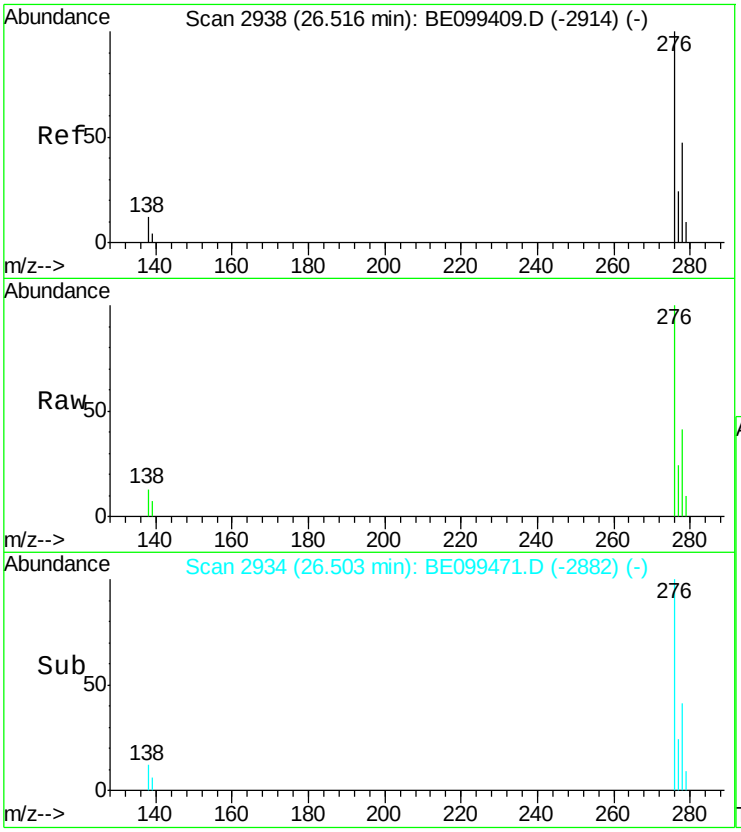


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.413 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:149 Resp: 62448

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



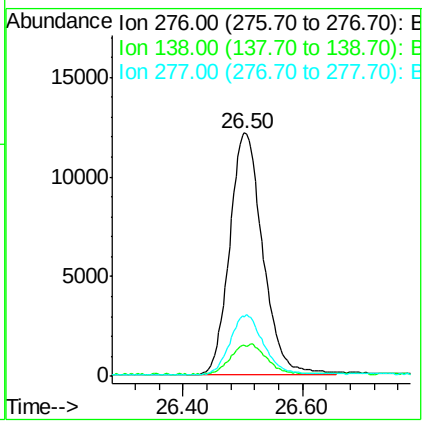


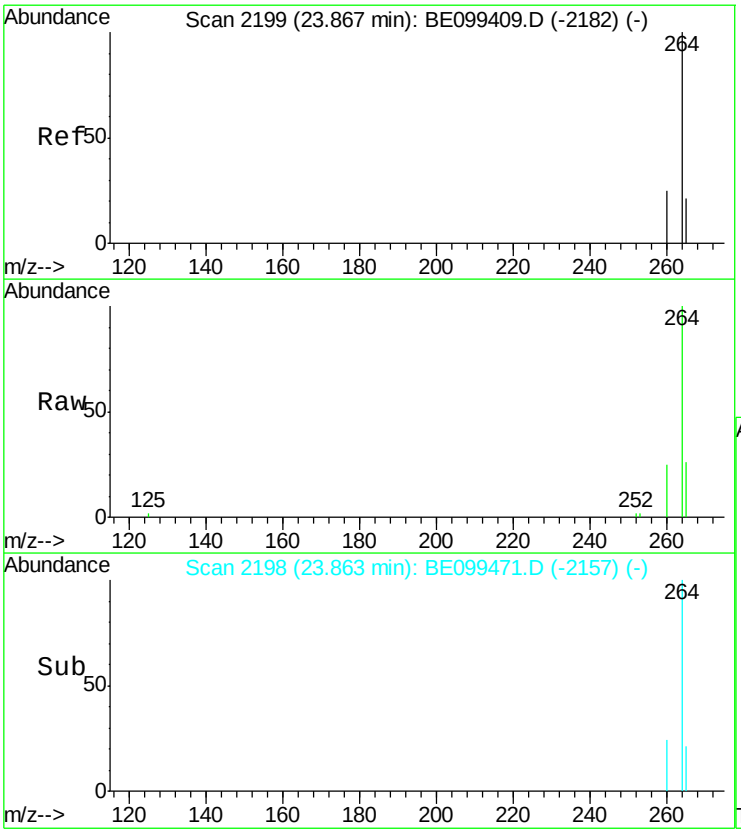
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.442 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 46640

Ion	Ratio	Lower	Upper
276	100		
138	6.3	10.2	15.2#
277	24.4	19.2	28.8

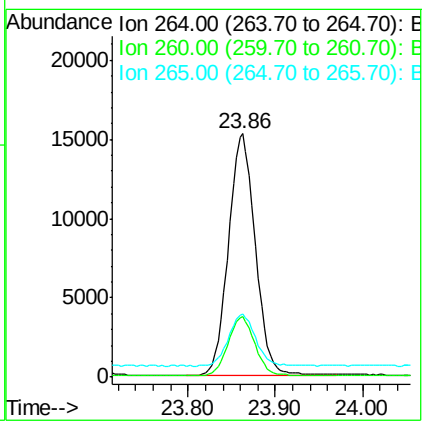


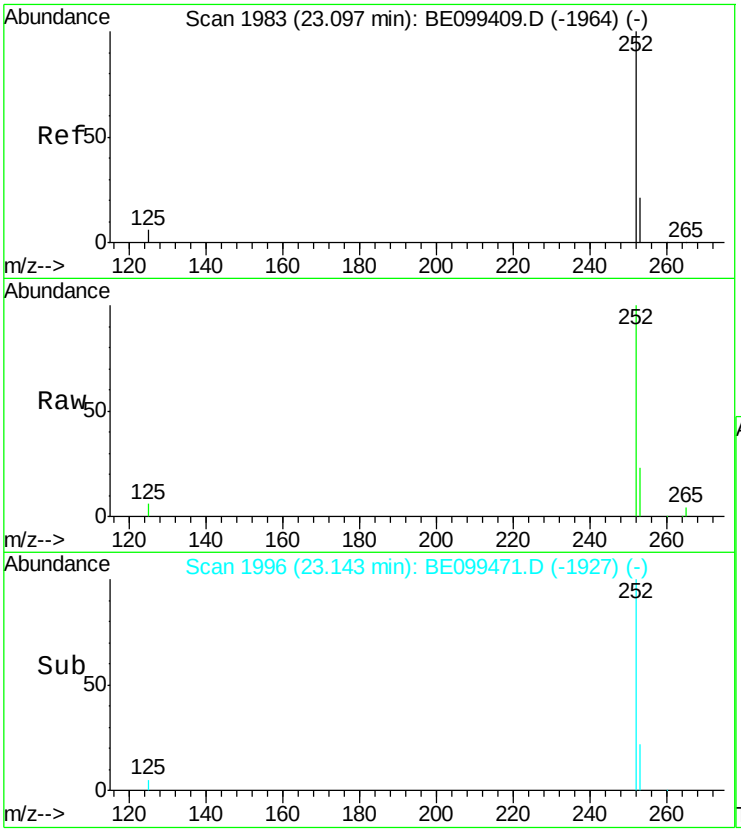


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:264 Resp: 32621

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	25.9	21.3	31.9



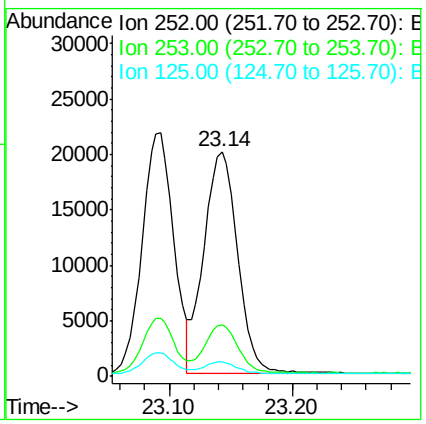


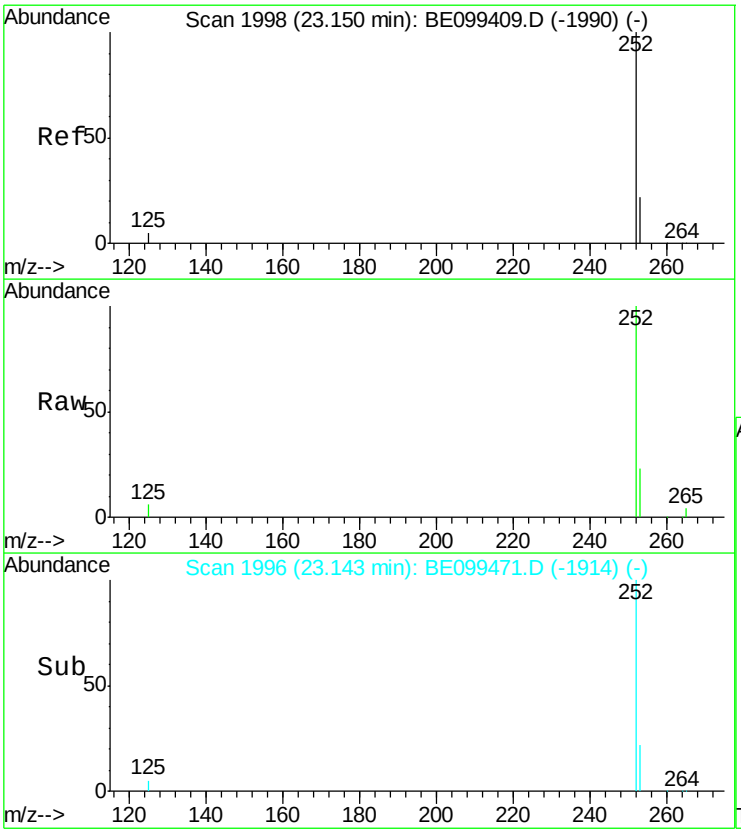
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.05 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 38234

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.5	5.6	8.4

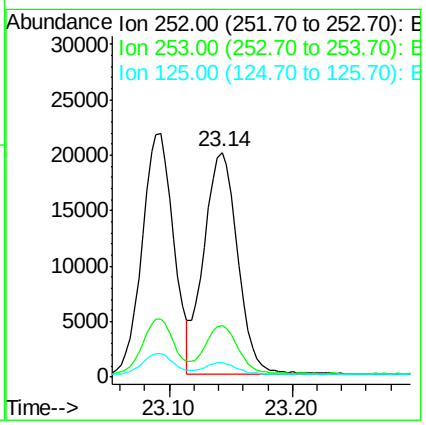


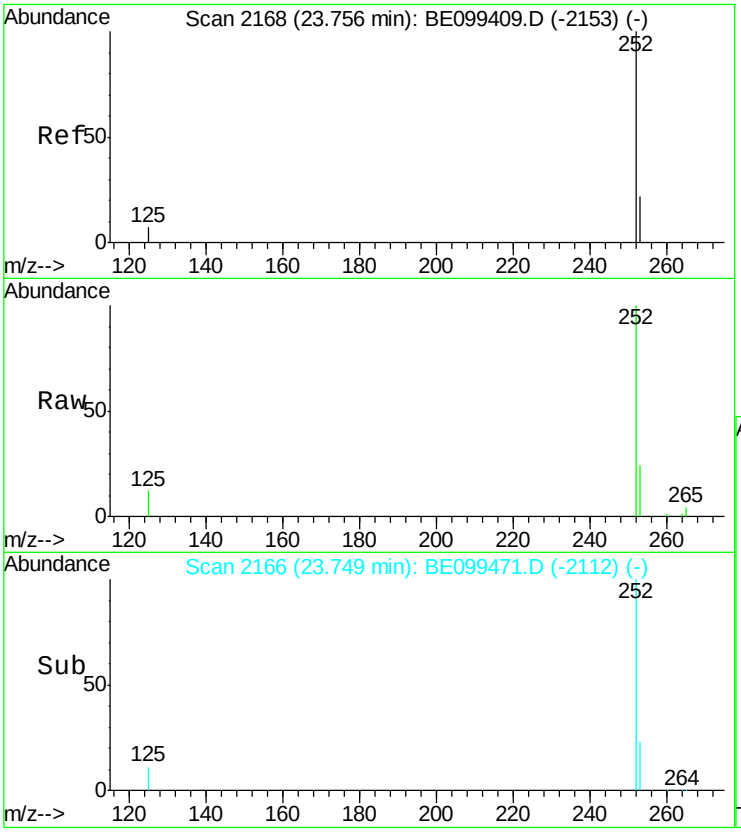


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:252 Resp: 38234

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	6.5	5.0	7.4



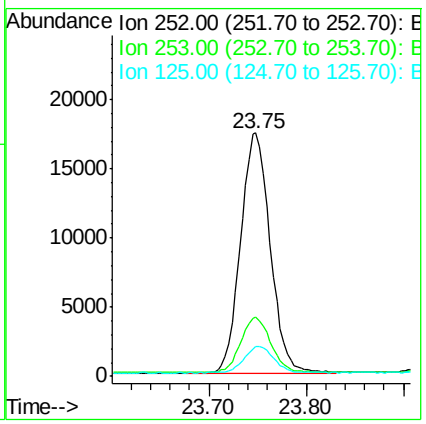


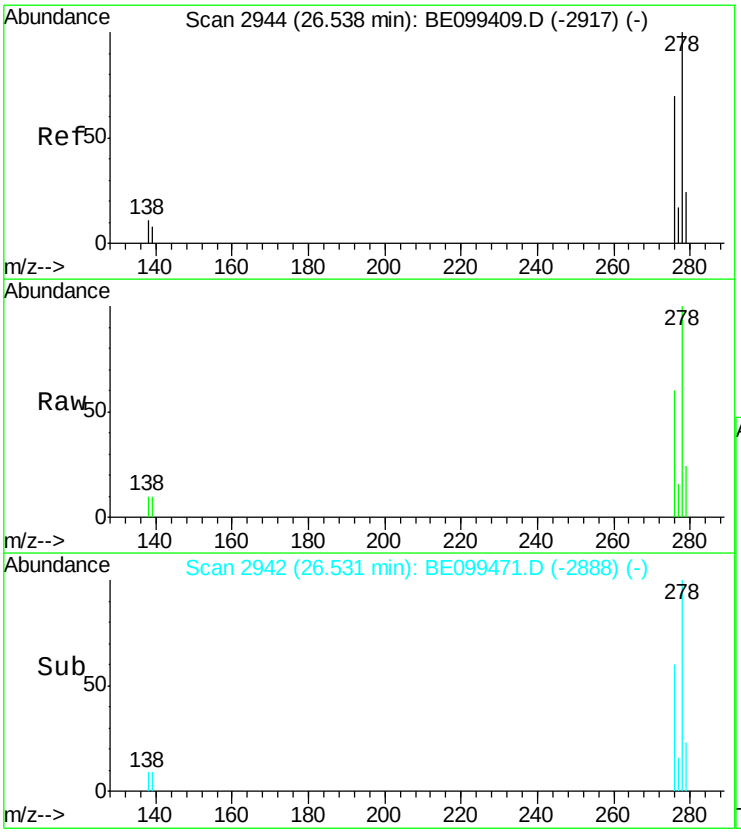
#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 37187

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	12.3	6.7	10.1#

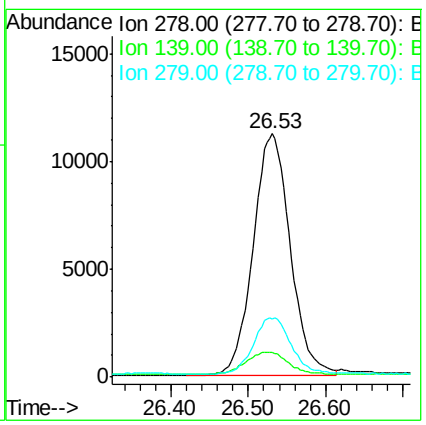


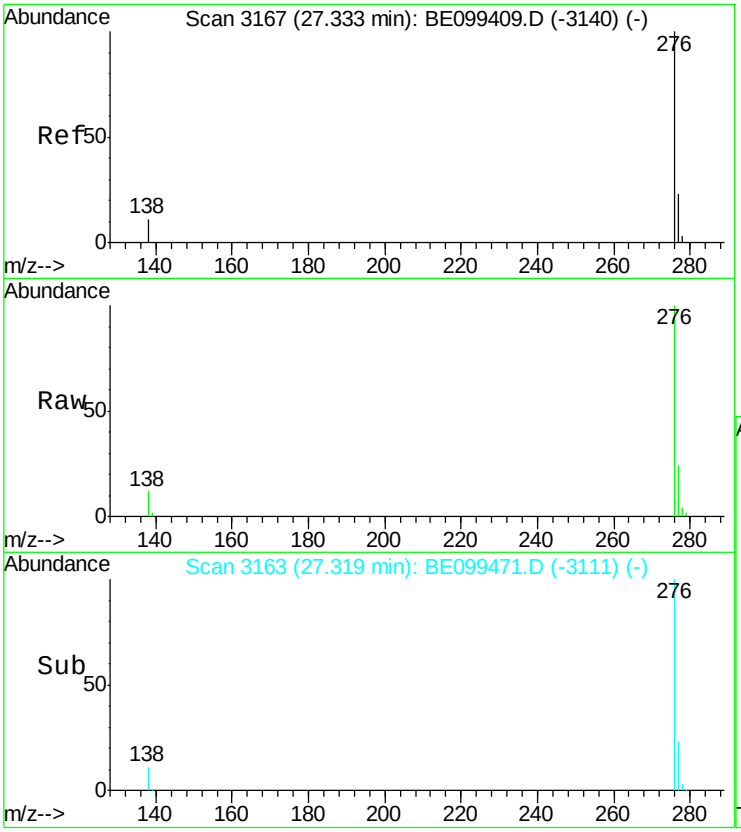


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:278 Resp: 37402

Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.7	11.5
279	23.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 38044

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	12.0	9.6	14.4