Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
Data File : BE099641.D
Acq On : 17 May 2019 8:25
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 17 11:51:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2186	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	7562	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	5041	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	14964	0.40	ng		0.00
27) Chrysene-d12	21.43	240	21046	0.40	ng		0.01
34) Perylene-d12	23.96	264	26326	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2037	0.33	ng		0.00
5) Phenol-d6	6.98	99	2762	0.35	ng		0.00
8) Nitrobenzene-d5	8.98	82	2477	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4500	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1030	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	7106	0.37	ng		0.01
25) Fluoranthene-d10	19.27	212	68478	0.34	ng		0.00
29) Terphenyl-d14	19.87	244	13979	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1088	0.337	ng		91
3) n-Nitrosodimethylamine	3.64	42	574	0.279	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	2340	0.354	ng		98
9) Naphthalene	10.67	128	29635	0.368	ng		99
10) Hexachlorobutadiene	10.95	225	2172	0.369	ng		99
12) 2-Methylnaphthalene	12.30	142	4650	0.350	ng		98
16) Acenaphthylene	14.21	152	8465	0.356	ng		99
17) Acenaphthene	14.56	154	4961	0.369	ng		98
18) Fluorene	15.53	166	6789	0.352	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	2933	0.340	ng		97
21) Hexachlorobenzene	16.53	284	3197	0.377	ng		98
22) Pentachlorophenol	16.91	266	754	0.428	ng		95
23) Phenanthrene	17.27	178	13142	0.354	ng		99
24) Anthracene	17.36	178	11238	0.328	ng		99
26) Fluoranthene	19.30	202	19743	0.351	ng		100
28) Pyrene	19.66	202	20570	0.383	ng		100
30) Benzo(a)anthracene	21.40	228	25490	0.401	ng		99
31) Chrysene	21.46	228	24982	0.381	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	31210	0.318	ng		100
33) Indeno(1,2,3-cd)pyrene	26.66	276	33929	0.416	ng		98
35) Benzo(b)fluoranthene	23.18	252	26690	0.363	ng		98
36) Benzo(k)fluoranthene	23.23	252	26701	0.367	ng		98
37) Benzo(a)pyrene	23.84	252	26133	0.367	ng		98
38) Dibenzo(a,h)anthracene	26.68	278	27994	0.379	ng		99
39) Benzo(g,h,i)perylene	27.49	276	28048	0.377	ng		99

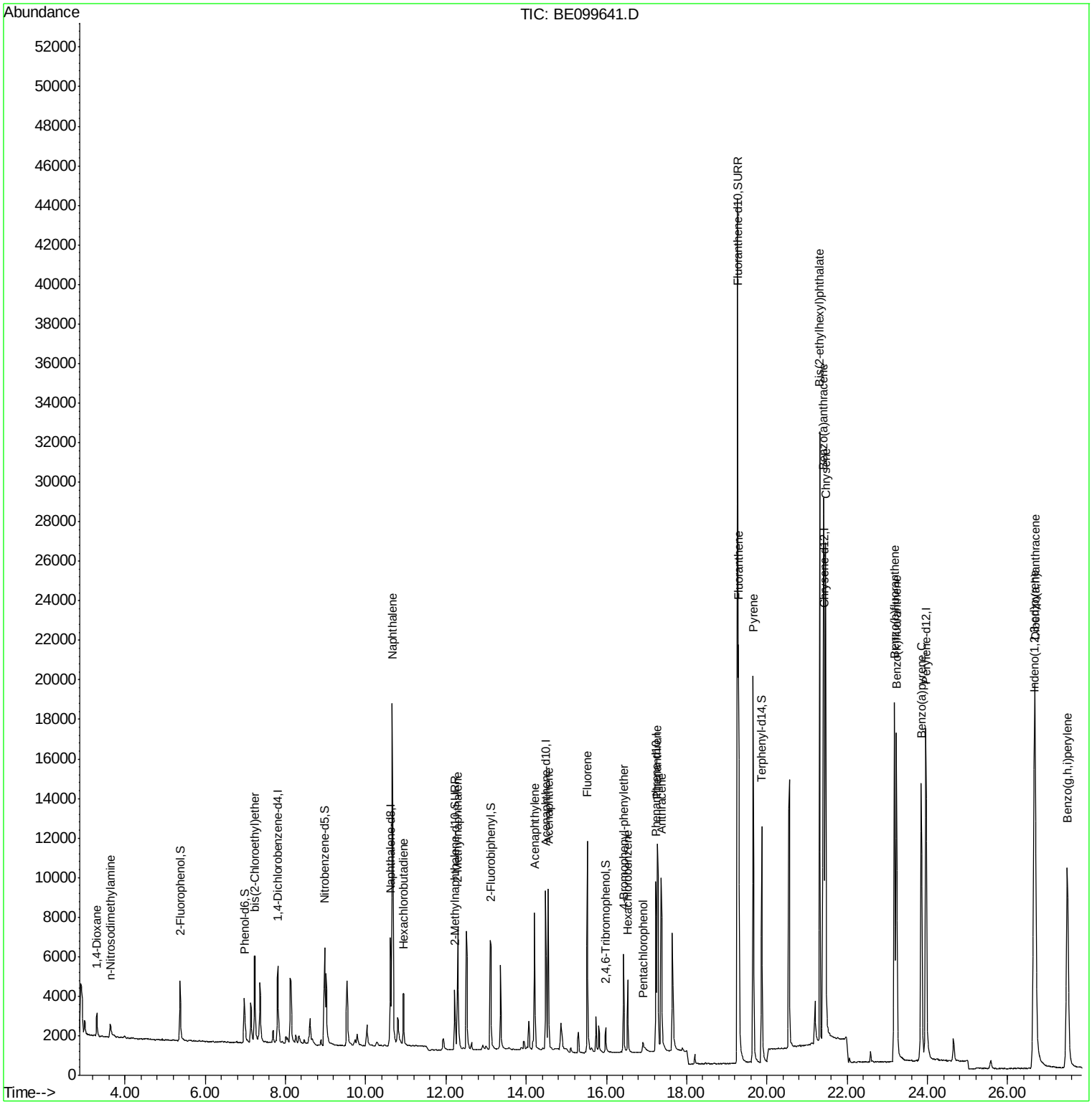
(#) = qualifier out of range (m) = manual integration (+) = signals summed

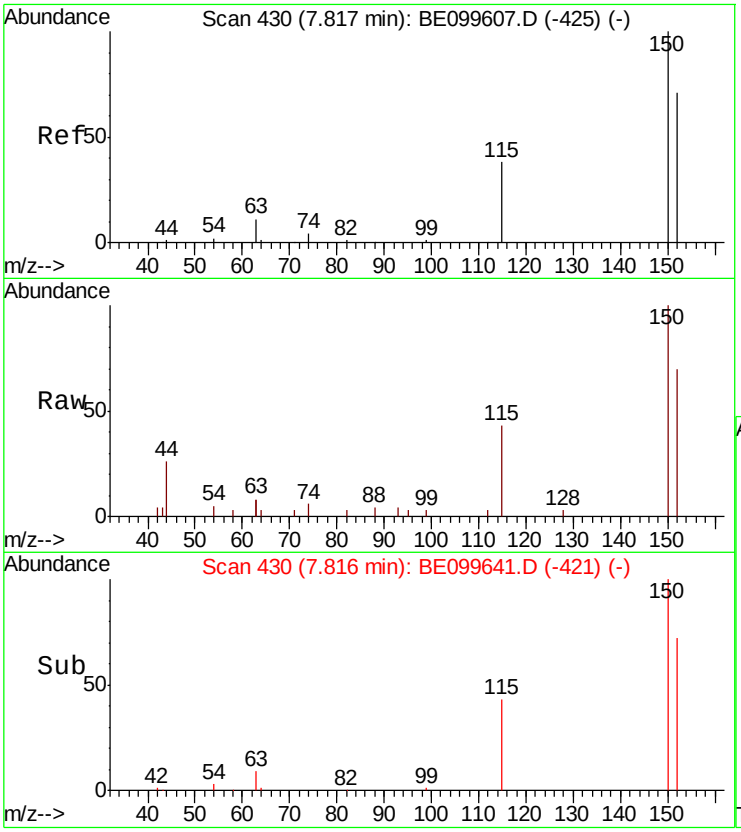
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
Data File : BE099641.D
Acq On : 17 May 2019 8:25
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 17 11:51:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration



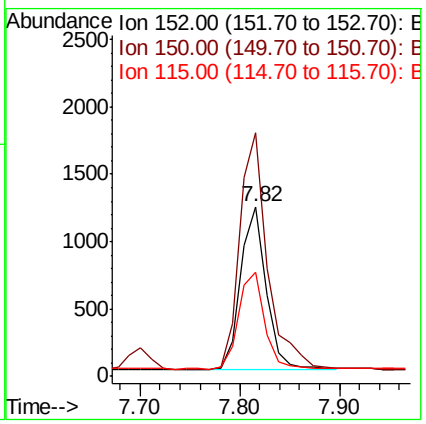


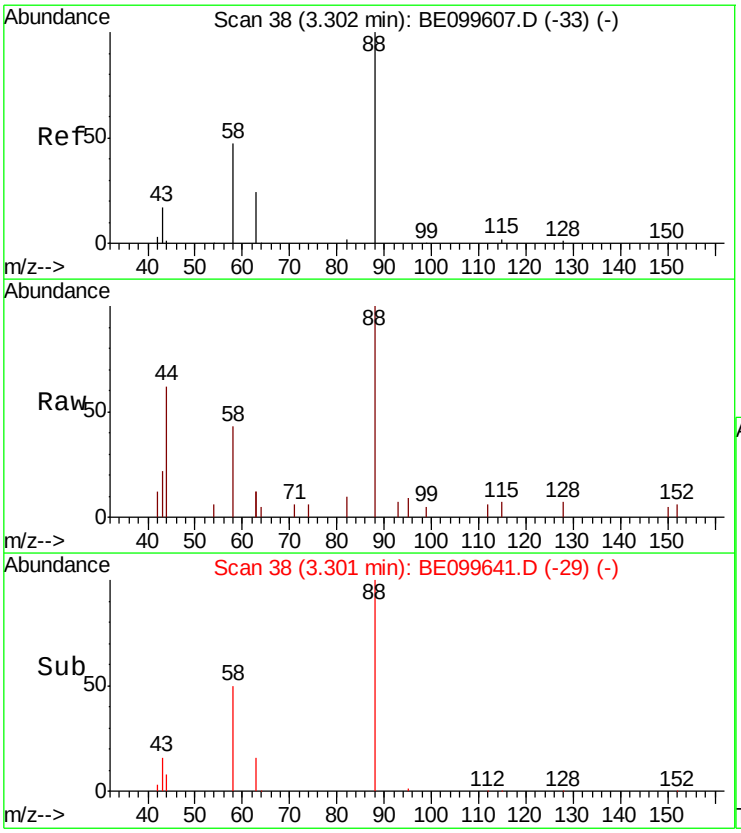
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2186

Ion	Ratio	Lower	Upper
152	100		
150	143.5	110.1	165.1
115	61.5	46.2	69.4

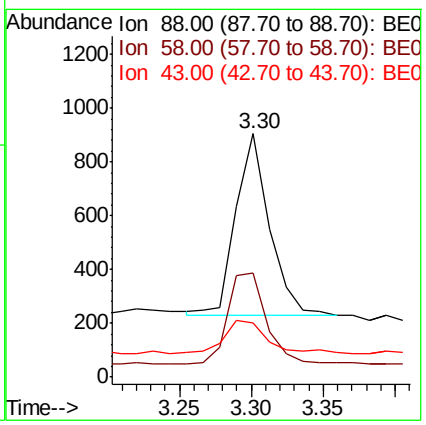


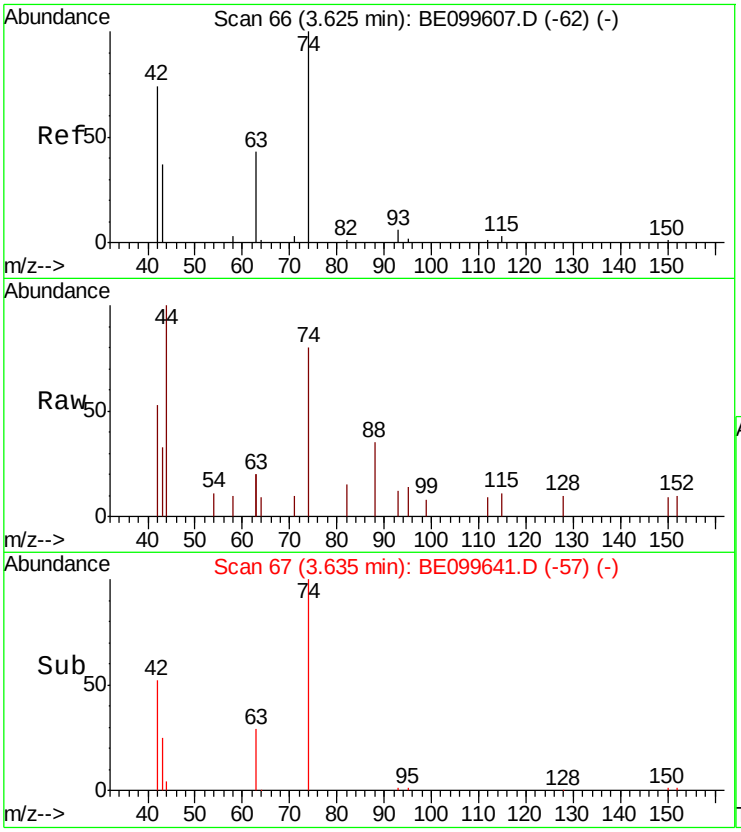


#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion: 88 Resp: 1088

Ion	Ratio	Lower	Upper
88	100		
58	57.7	39.8	59.6
43	24.4	21.0	31.6



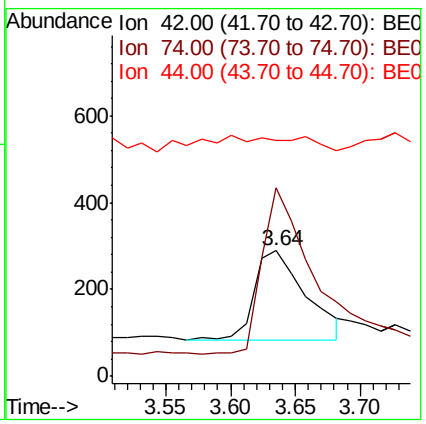


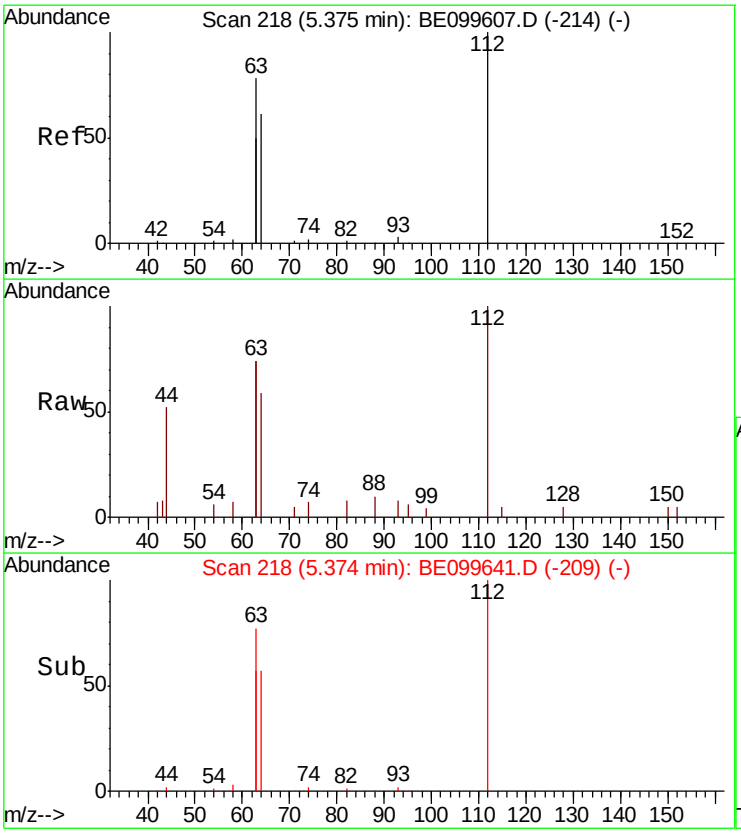
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 574

Ion	Ratio	Lower	Upper
42	100		
74	169.2	134.7	202.1
44	0.0	12.5	18.7#

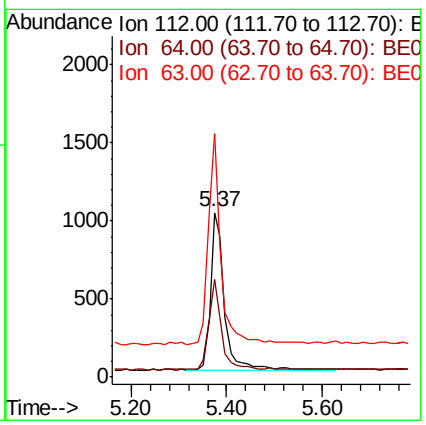


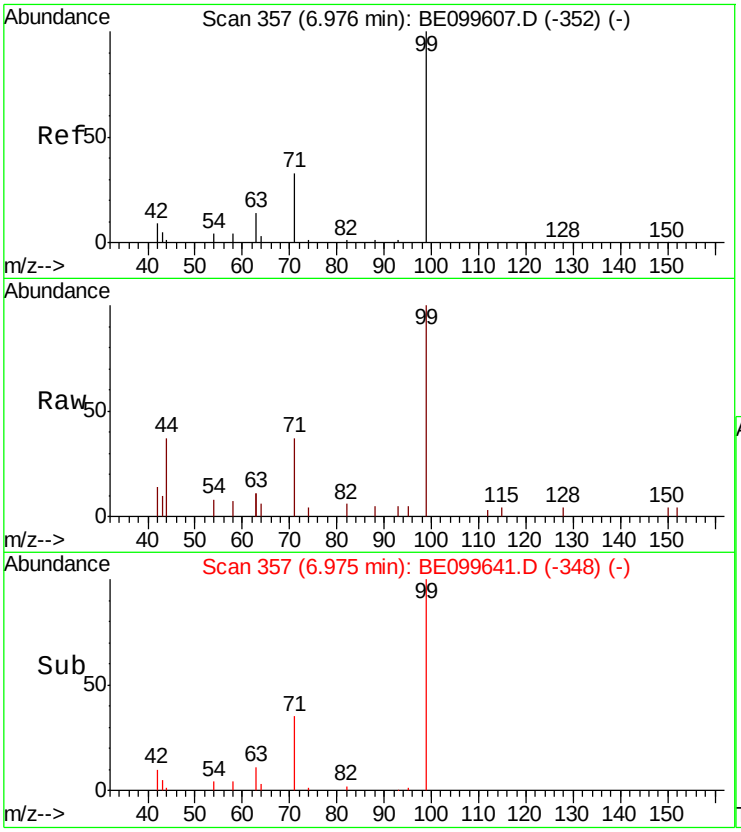


#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:112 Resp: 2037

Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.7	65.5
63	122.8	94.0	141.0



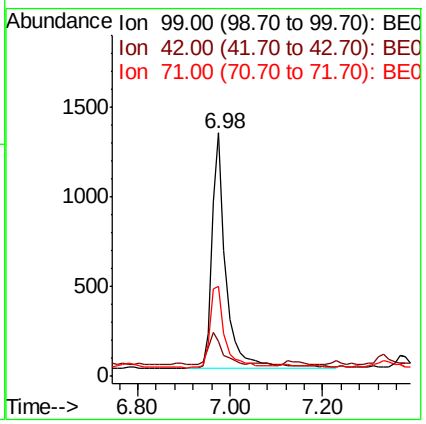


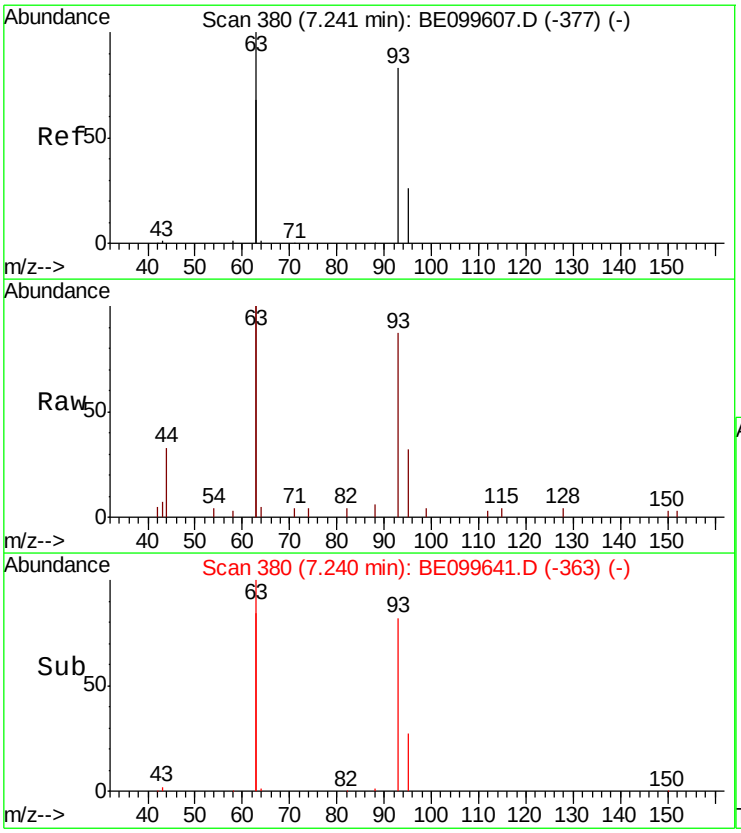
#5
Phenol-d6
Concen: 0.351 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2762

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.3	21.5#
71	37.9	33.1	49.7

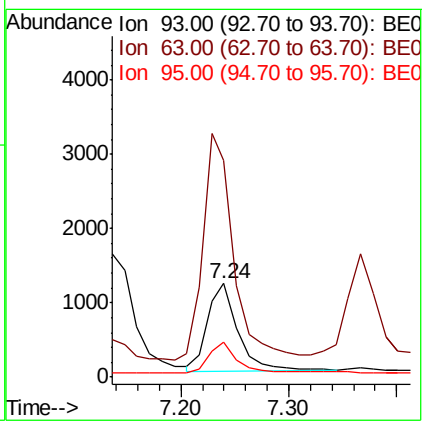


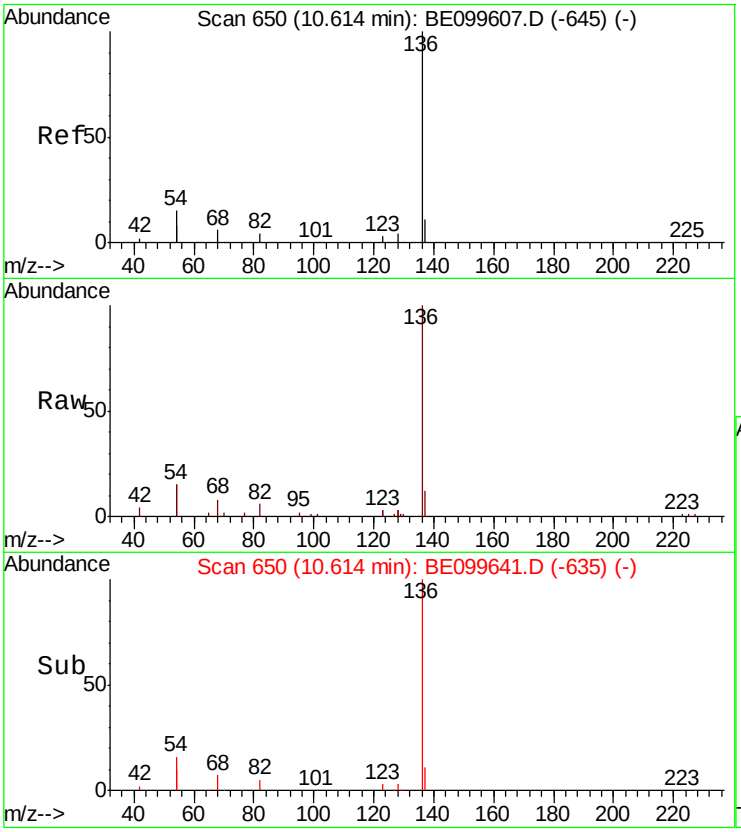


#6
bis(2-Chloroethyl)ether
Concen: 0.354 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion: 93 Resp: 2340

Ion	Ratio	Lower	Upper
93	100		
63	255.1	201.0	301.4
95	33.6	25.0	37.4



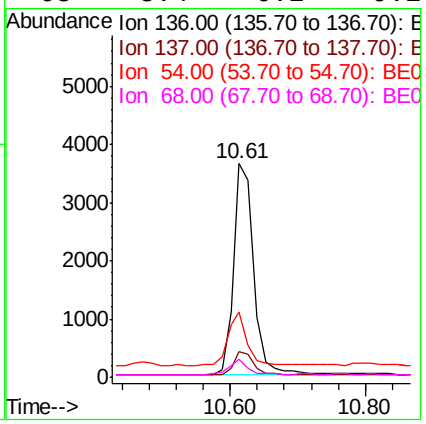


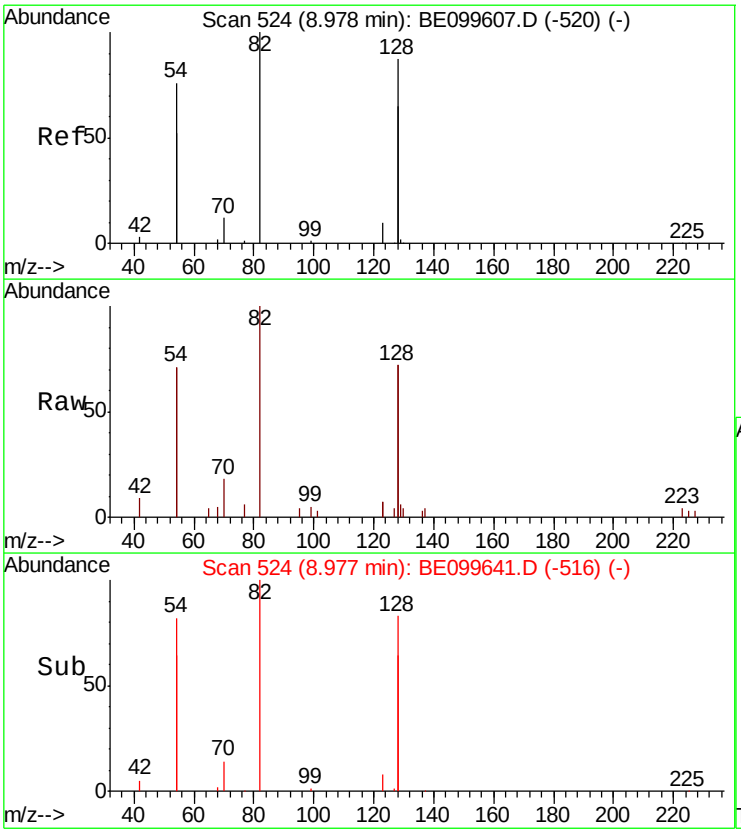
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7562

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	30.8	23.8	35.8
68	8.4	6.2	9.2

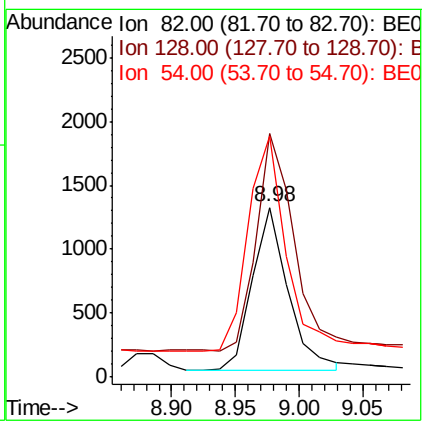


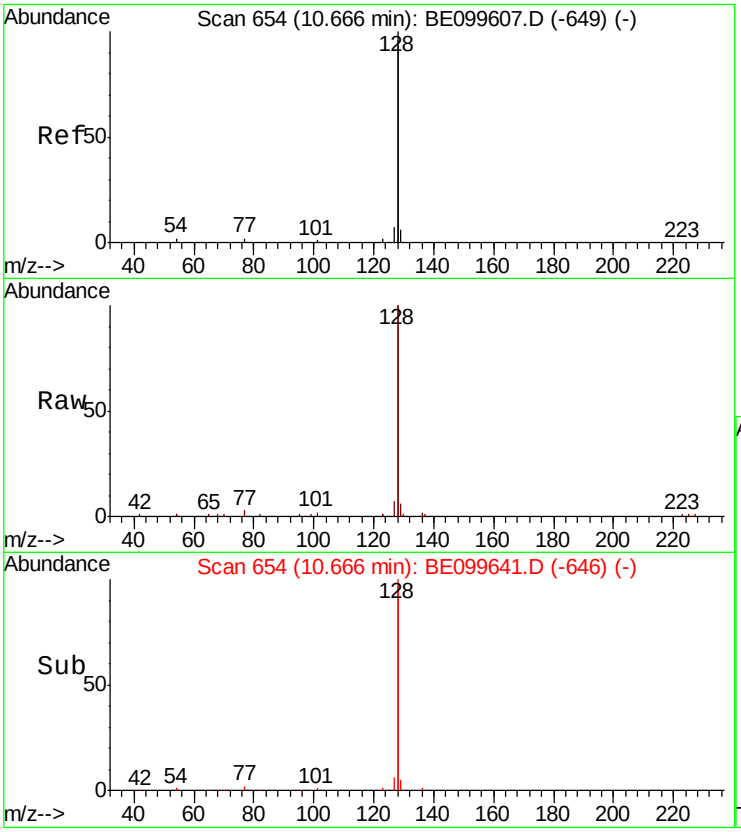


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion: 82 Resp: 2477

Ion	Ratio	Lower	Upper
82	100		
128	143.3	131.4	197.2
54	142.1	113.9	170.9



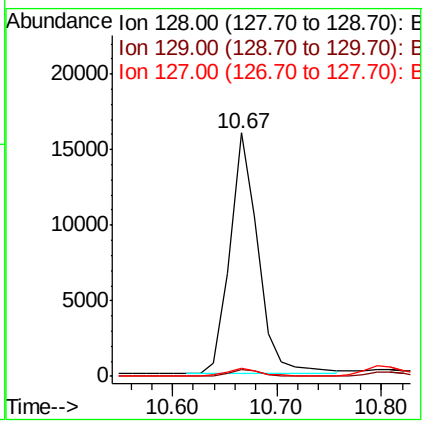


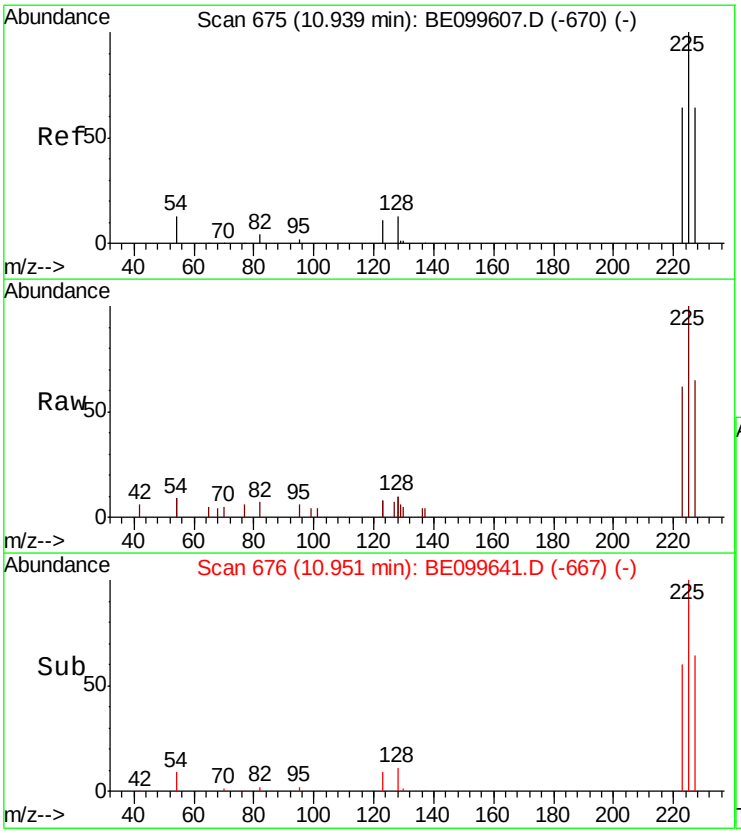
#9
Naphthalene
Concen: 0.368 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 29635

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.3	3.0	4.6

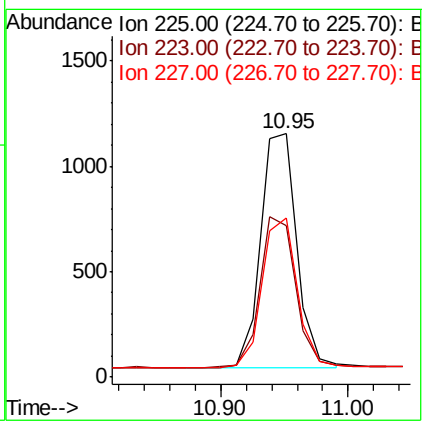


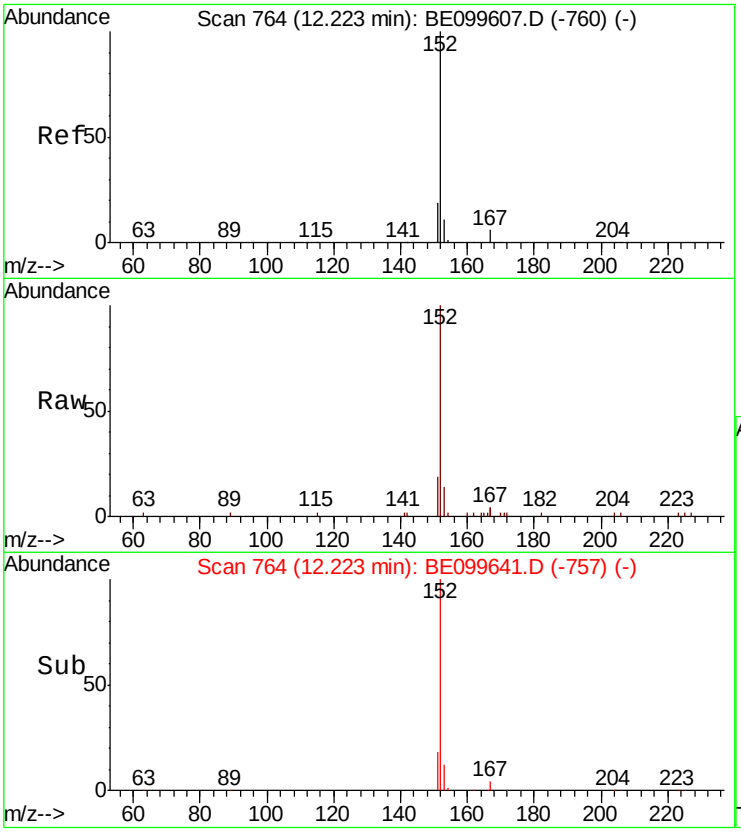


#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:225 Resp: 2172

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	62.7	51.2	76.8



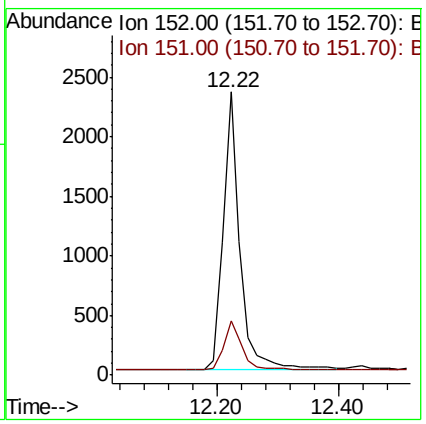


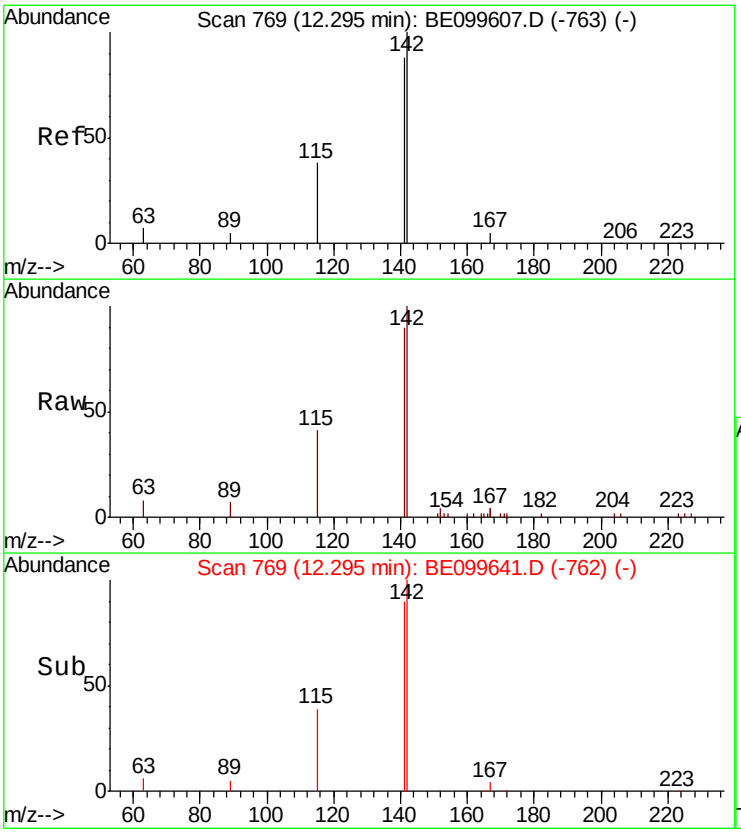
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4500

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

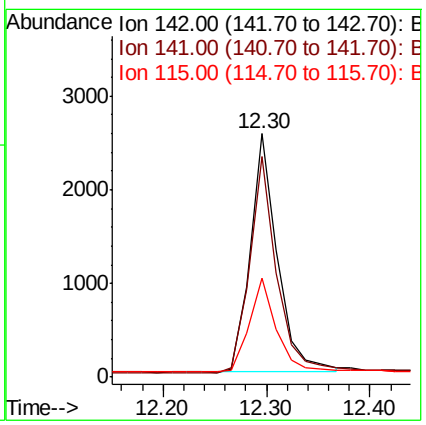


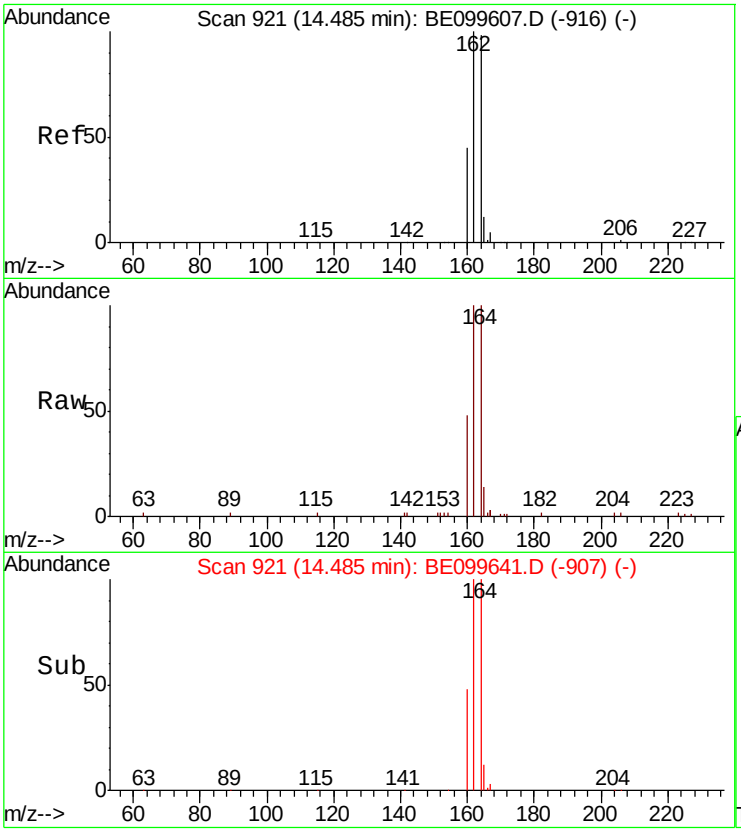


#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:142 Resp: 4650

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.4	105.6
115	40.7	32.2	48.4



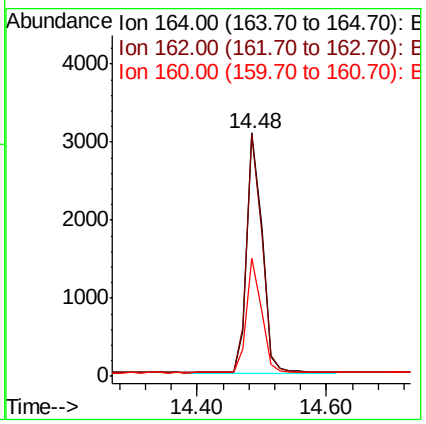


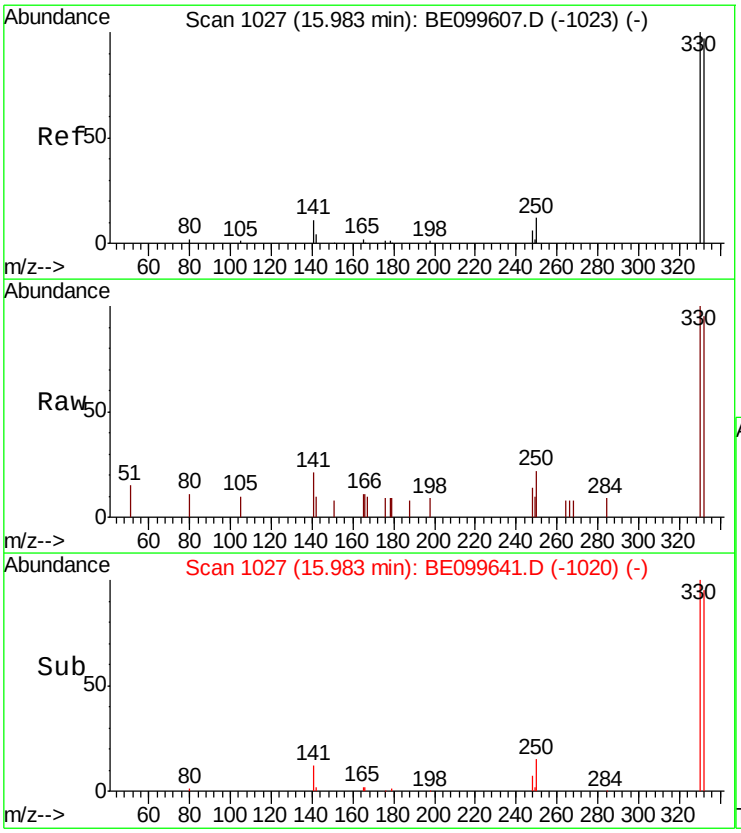
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5041

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	48.4	37.4	56.2

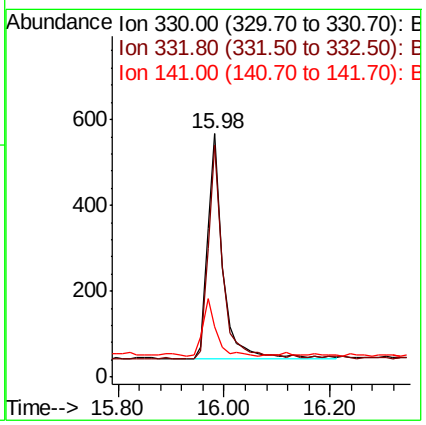


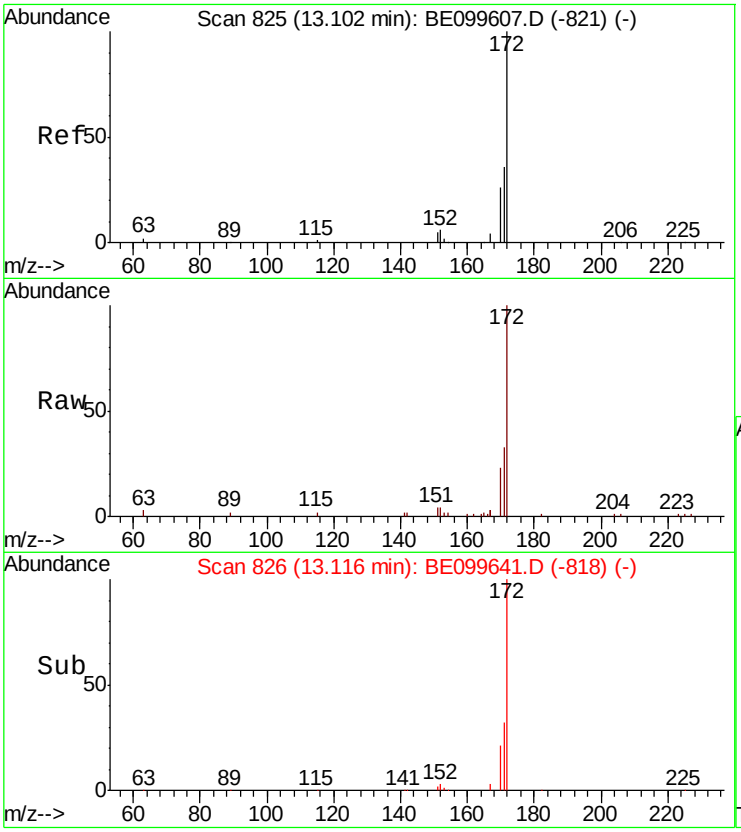


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:330 Resp: 1030

Ion	Ratio	Lower	Upper
330	100		
332	92.4	73.8	110.8
141	22.2	21.0	31.6



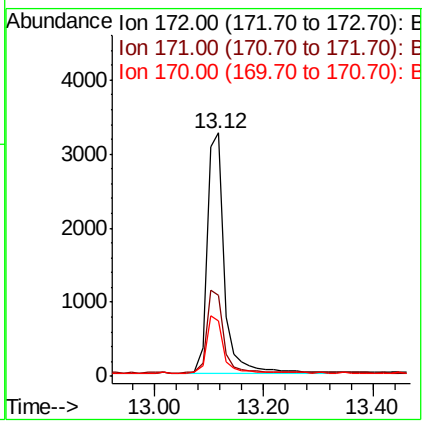


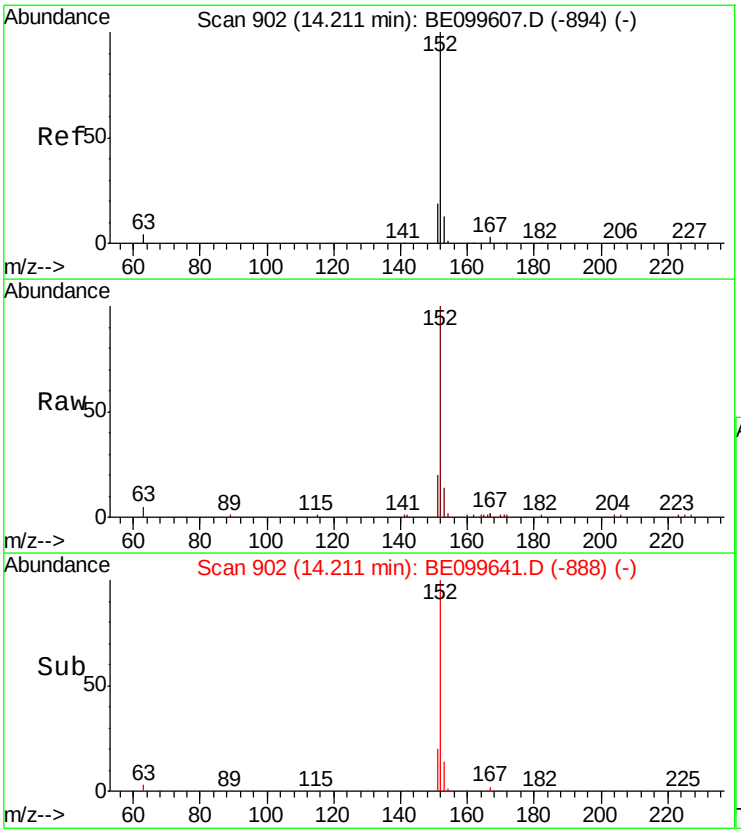
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7106

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.4	44.2
170	22.6	21.5	32.3

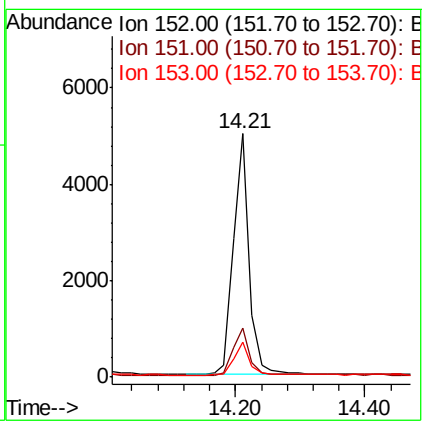


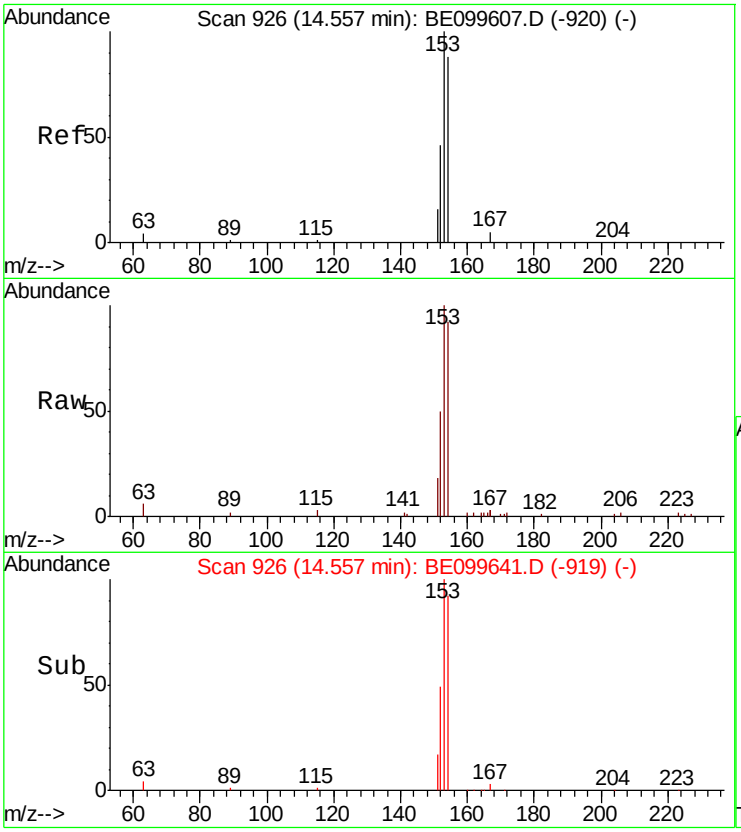


#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:152 Resp: 8465

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.5	10.4	15.6



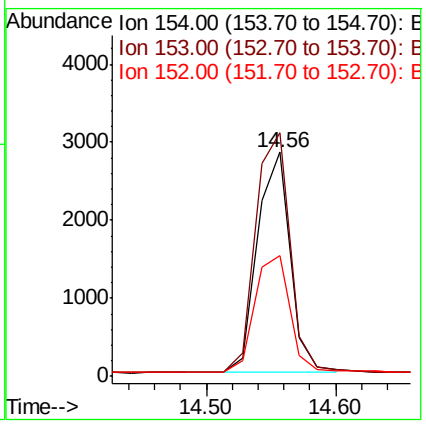


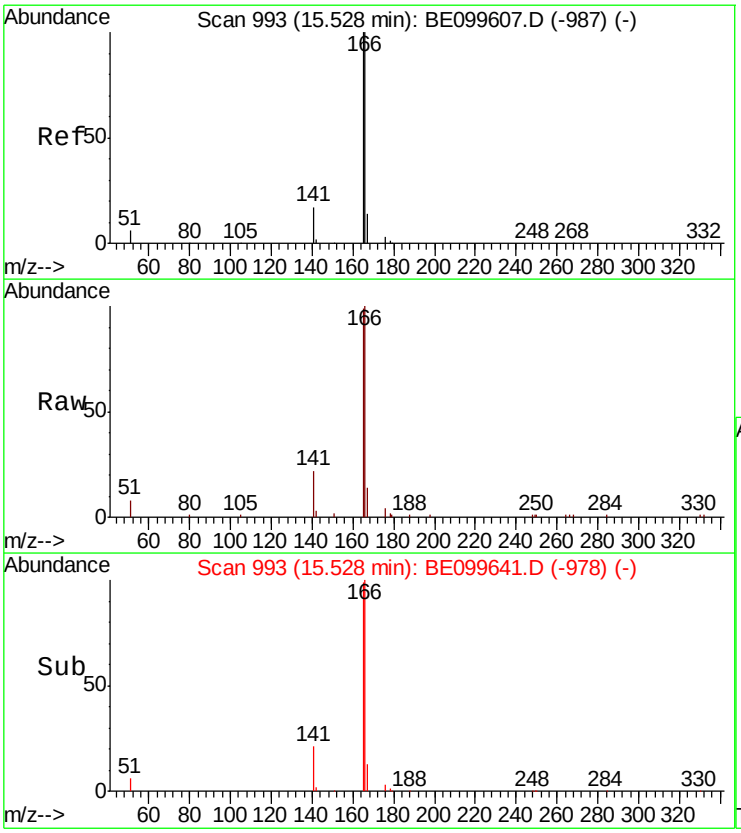
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4961

Ion	Ratio	Lower	Upper
154	100		
153	115.0	94.1	141.1
152	56.8	46.5	69.7

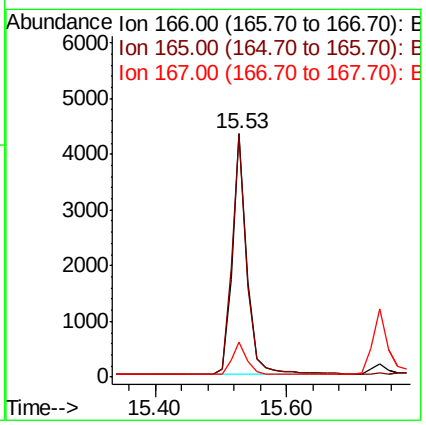


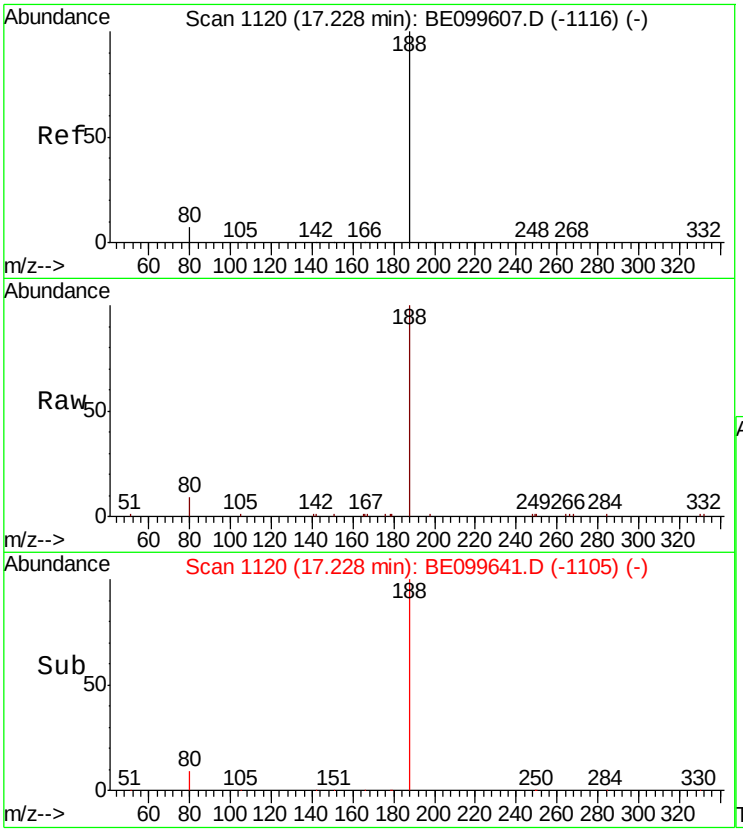


#18
Fluorene
Concen: 0.352 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:166 Resp: 6789

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	14.0	11.2	16.8



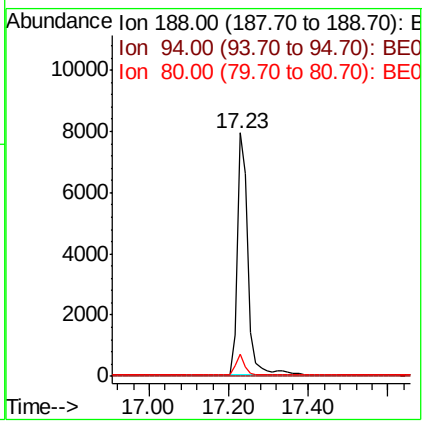


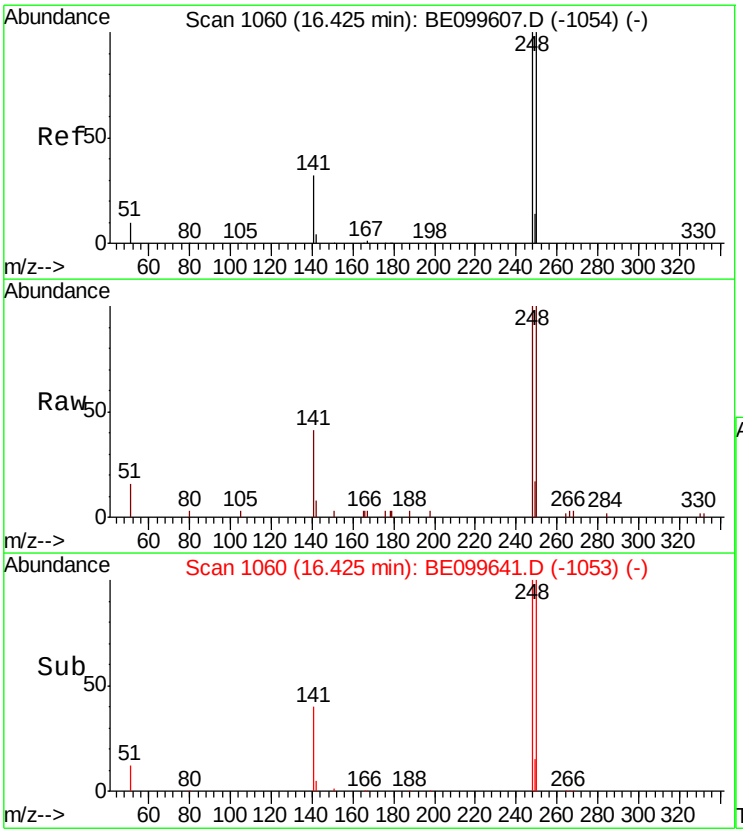
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14964

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	6.4	9.6

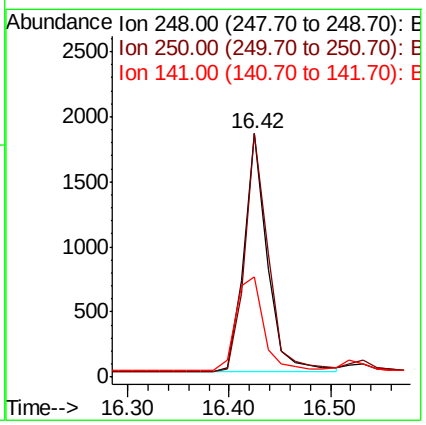


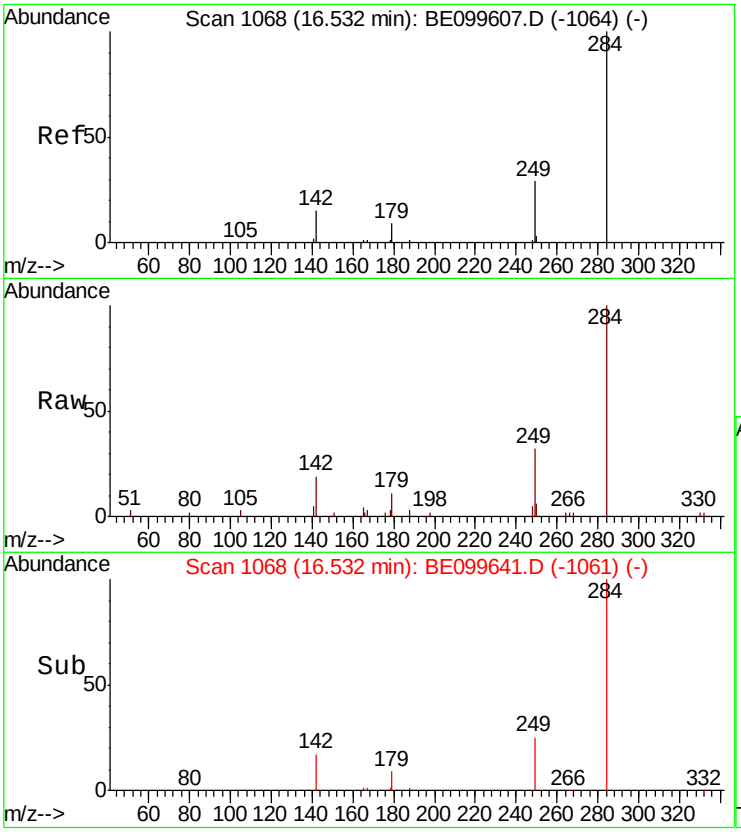


#20
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:248 Resp: 2933

Ion	Ratio	Lower	Upper
248	100		
250	99.8	80.4	120.6
141	41.4	27.8	41.8



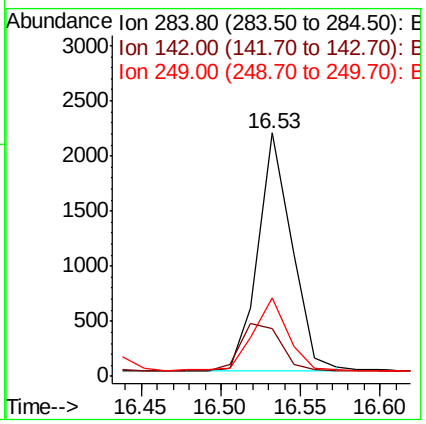


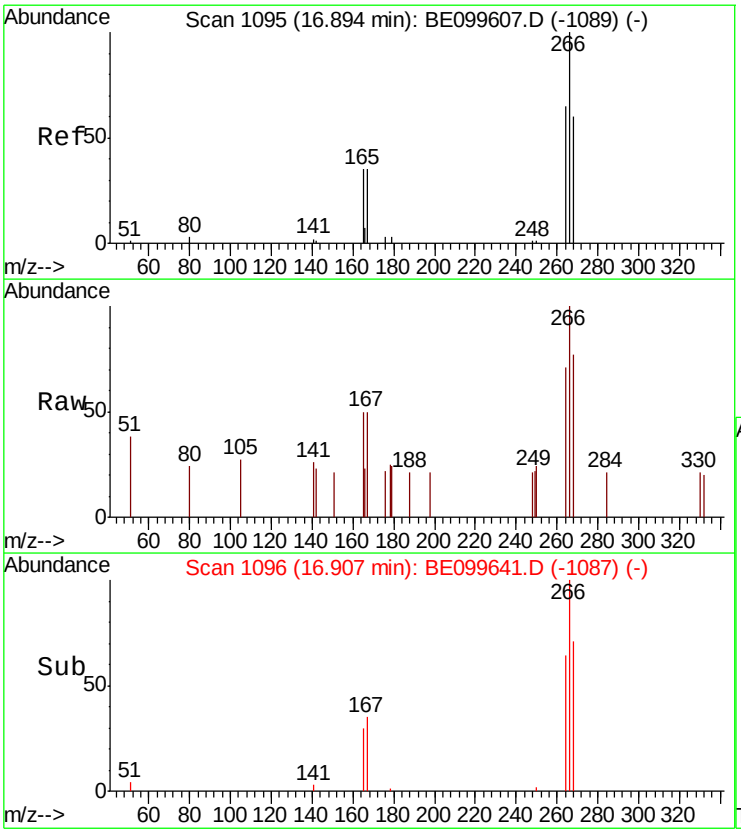
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3197

Ion	Ratio	Lower	Upper
284	100		
142	22.9	19.4	29.2
249	29.9	24.6	37.0

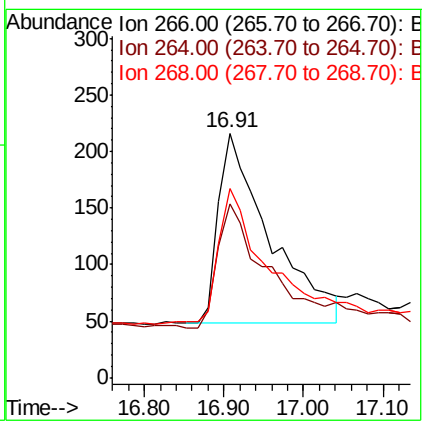


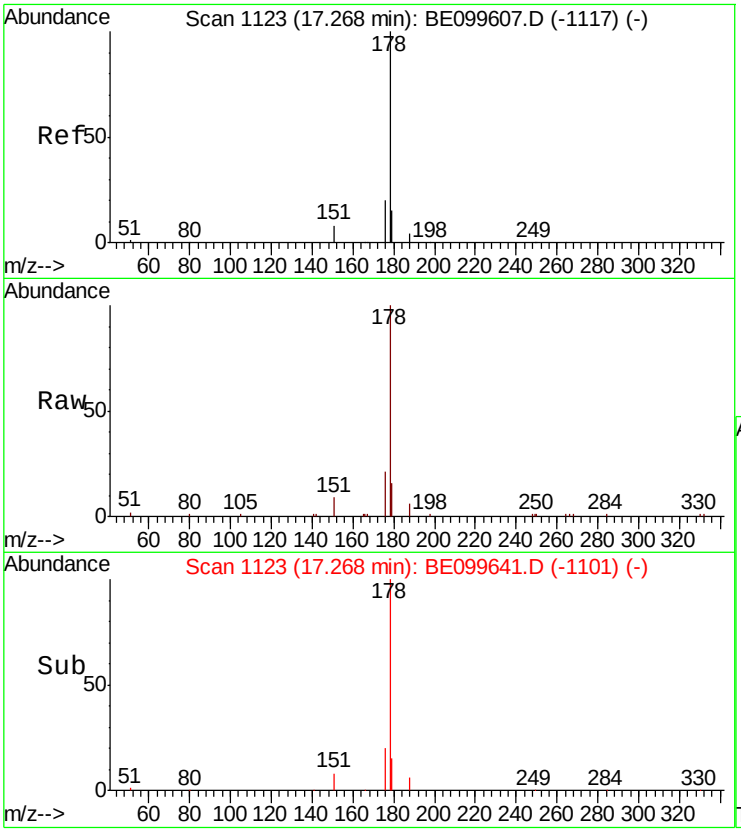


#22
Pentachlorophenol
Concen: 0.428 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:266 Resp: 754

Ion	Ratio	Lower	Upper
266	100		
264	71.3	57.7	86.5
268	77.3	55.8	83.8



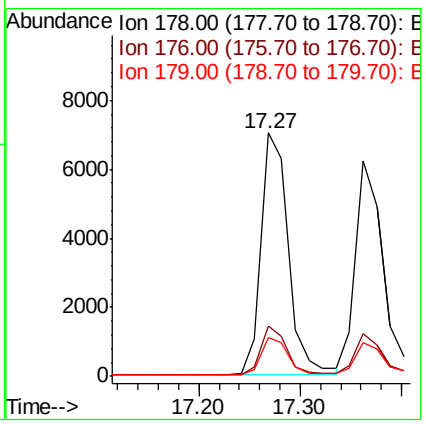


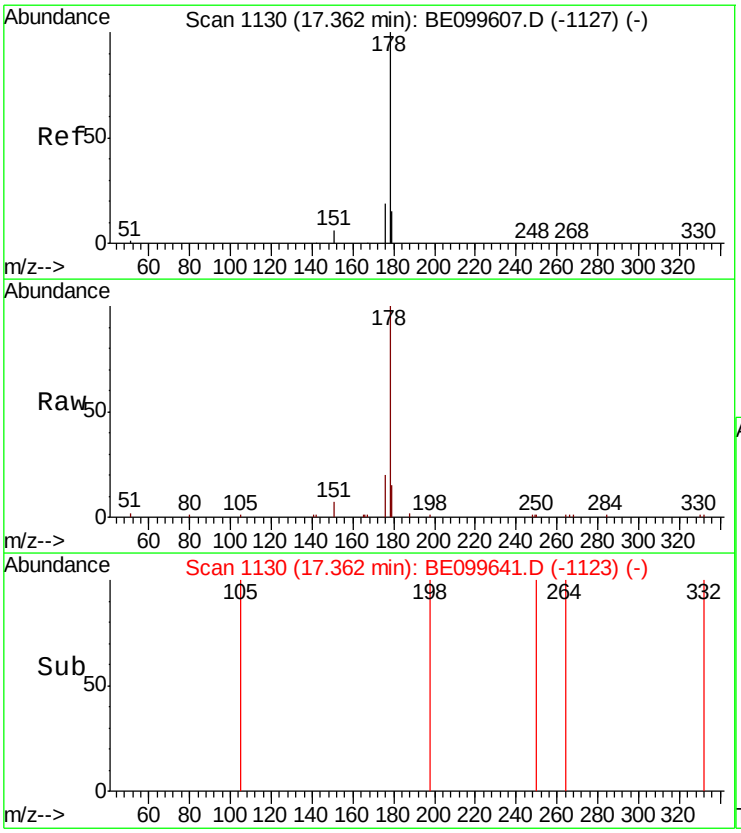
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 13142

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.5	12.2	18.2

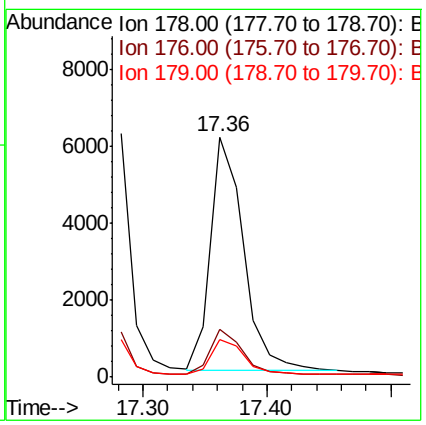


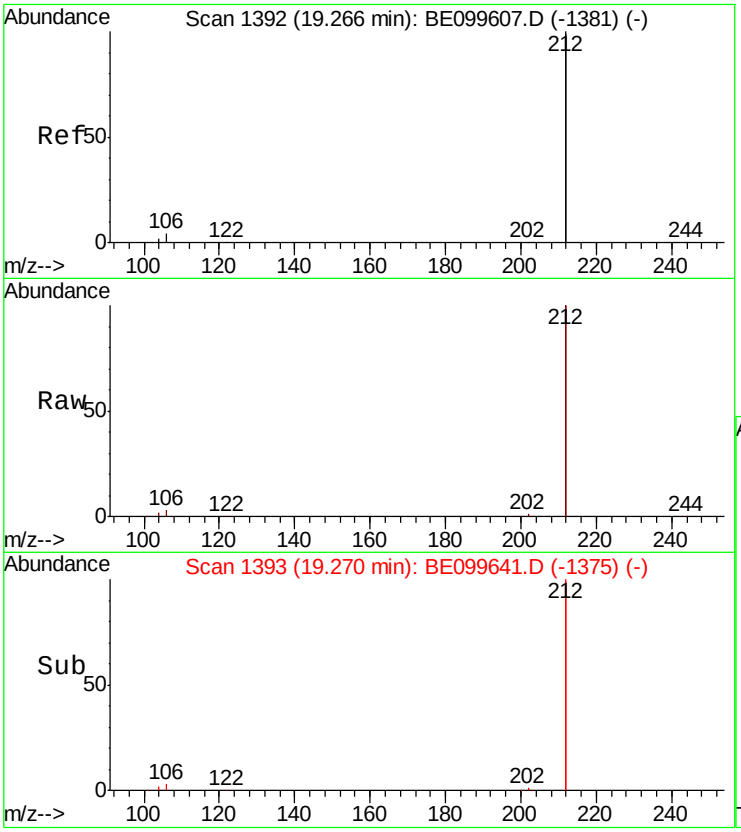


#24
Anthracene
Concen: 0.328 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:178 Resp: 11238

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.1	12.1	18.1



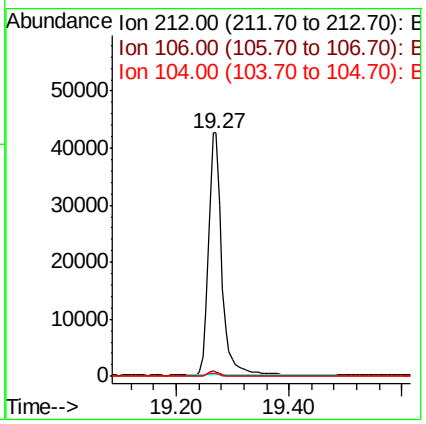


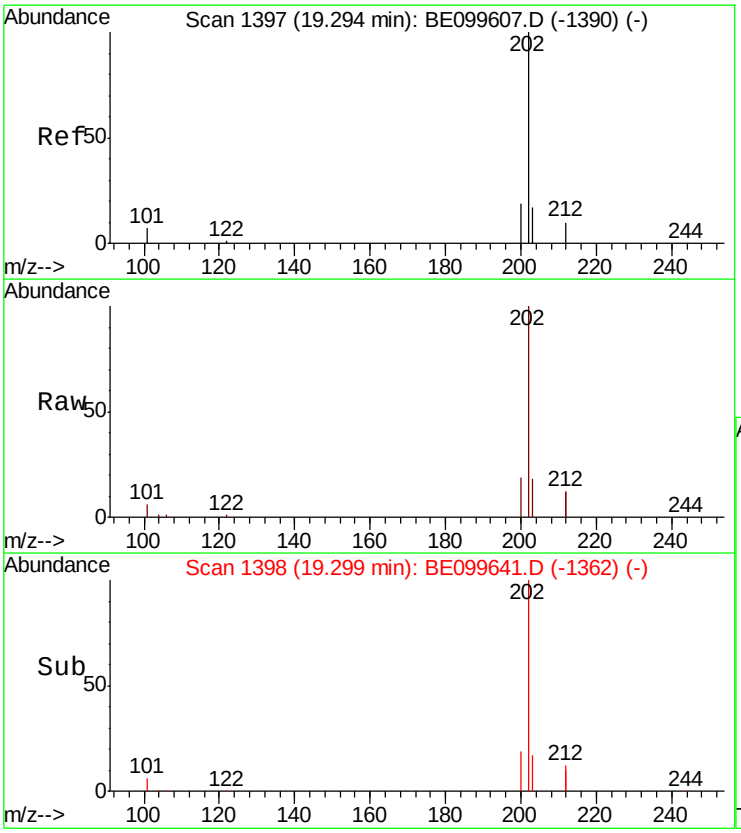
#25
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 68478

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

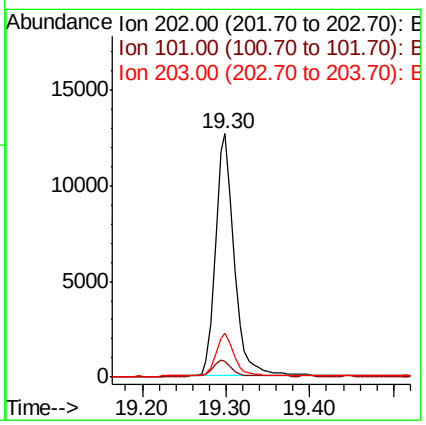


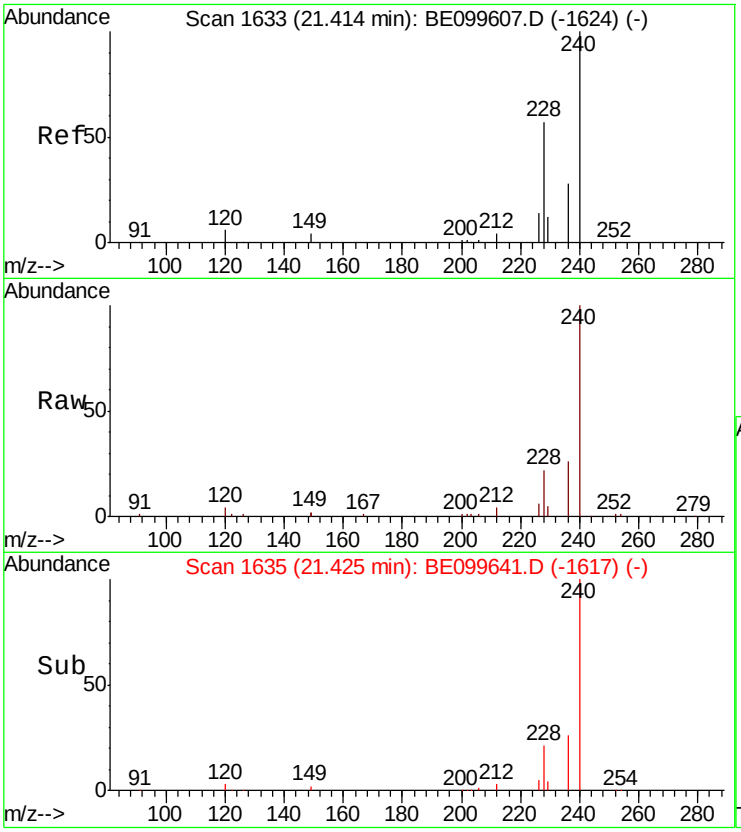


#26
Fluoranthene
Concen: 0.351 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:202 Resp: 19743

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.0	7.6
203	17.0	13.7	20.5



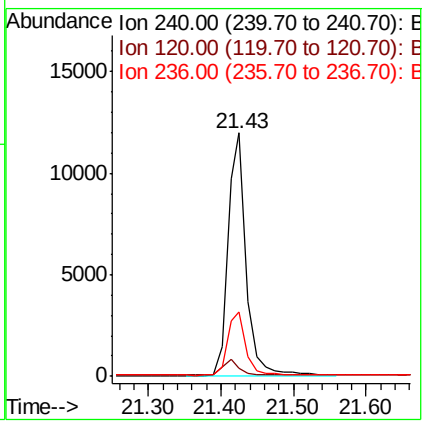


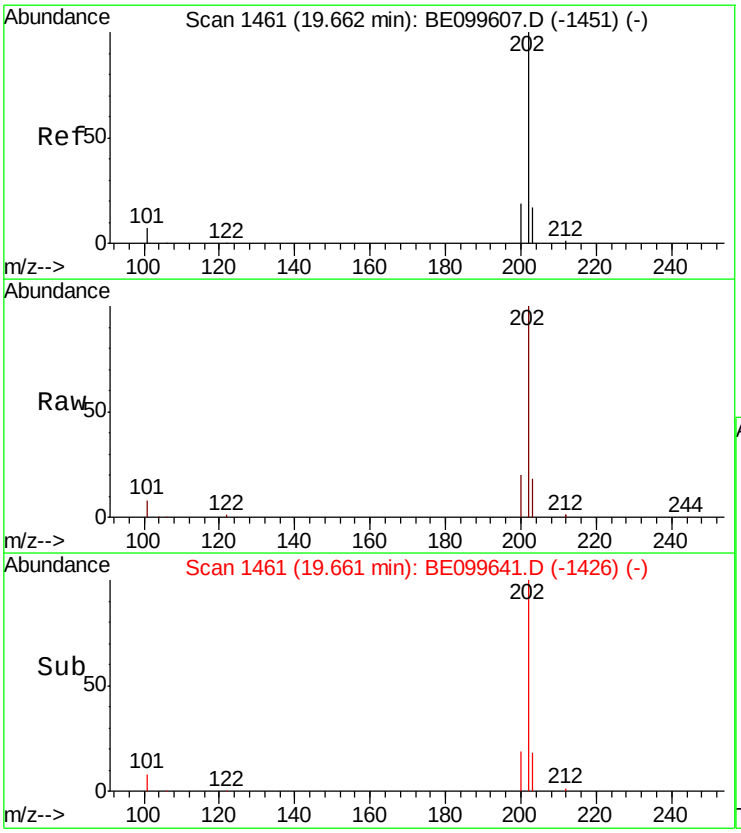
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 21046

Ion	Ratio	Lower	Upper
240	100		
120	3.6	5.7	8.5#
236	26.4	22.8	34.2

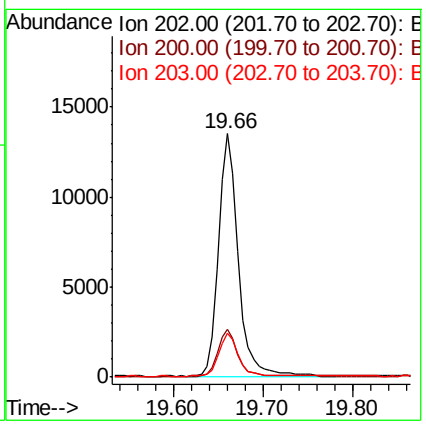


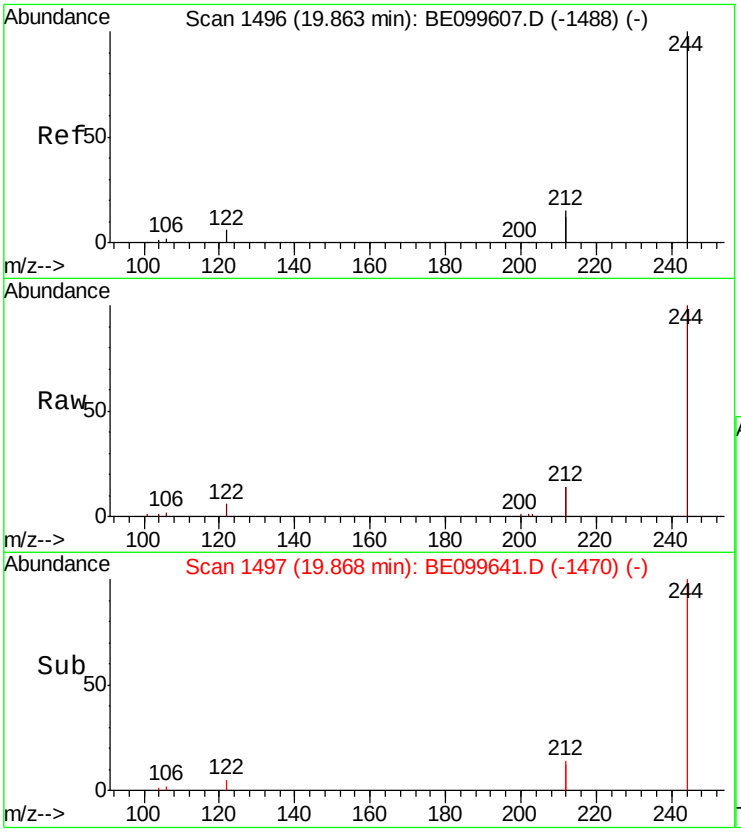


#28
Pyrene
Concen: 0.383 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:202 Resp: 20570

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.8	23.6
203	17.6	14.1	21.1



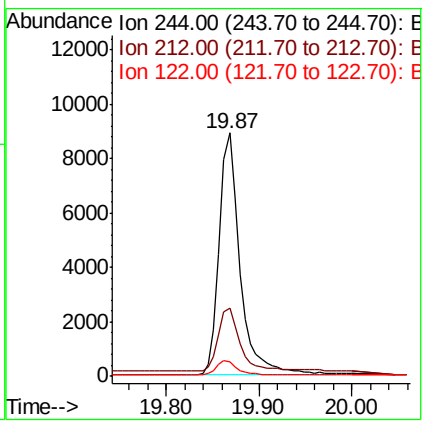


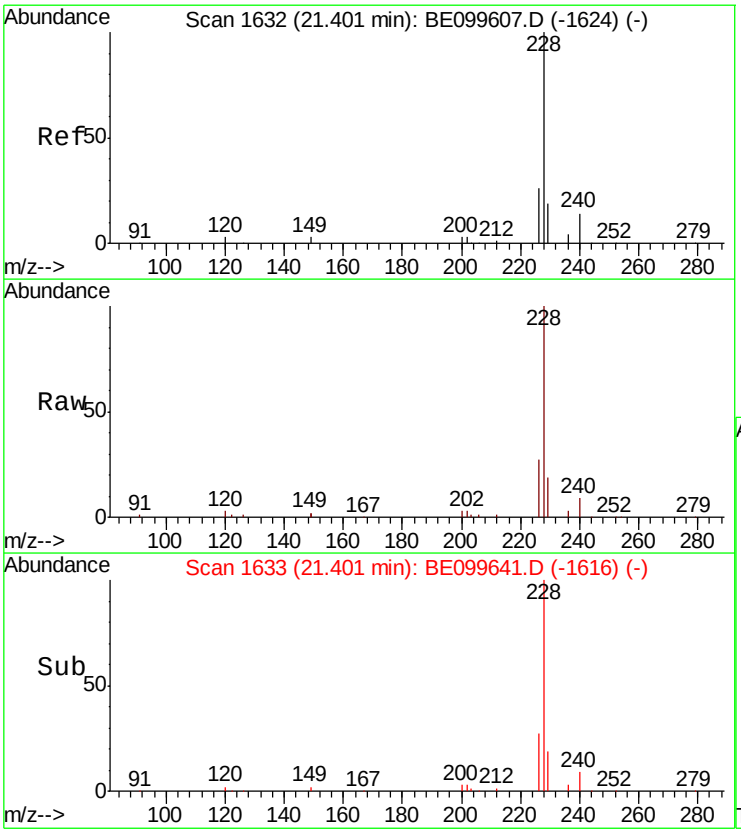
#29
Terphenyl-d14
Concen: 0.369 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13979

Ion	Ratio	Lower	Upper
244	100		
212	28.2	23.8	35.6
122	5.8	5.0	7.6

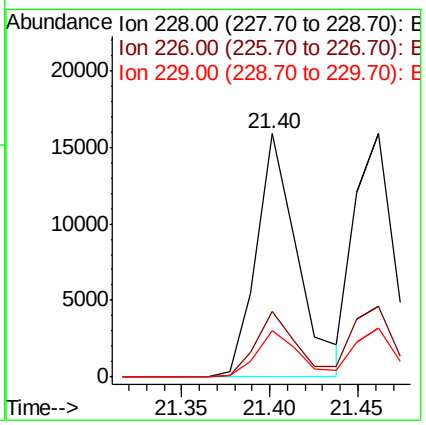


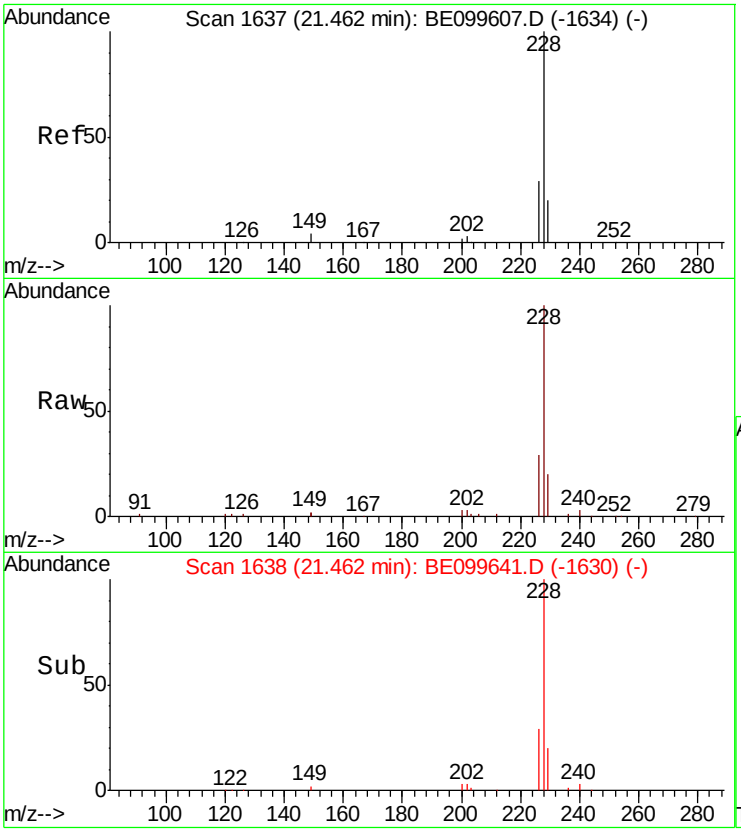


#30
Benzo(a)anthracene
Concen: 0.401 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:228 Resp: 25490

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.4	15.8	23.8



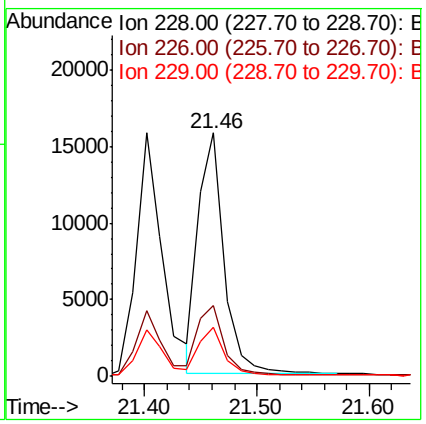


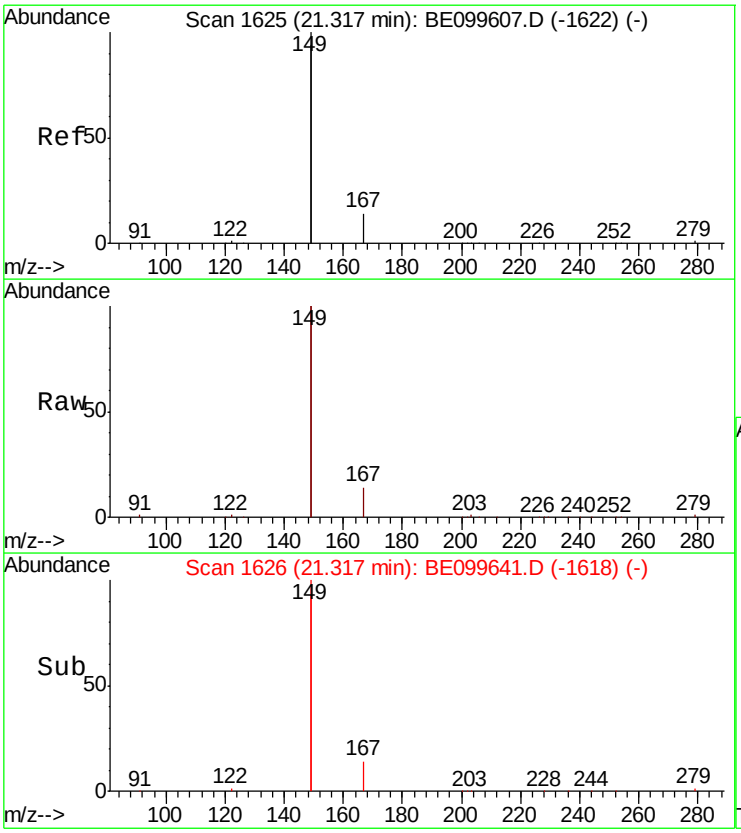
#31
Chrysene
Concen: 0.381 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24982

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	20.2	16.4	24.6

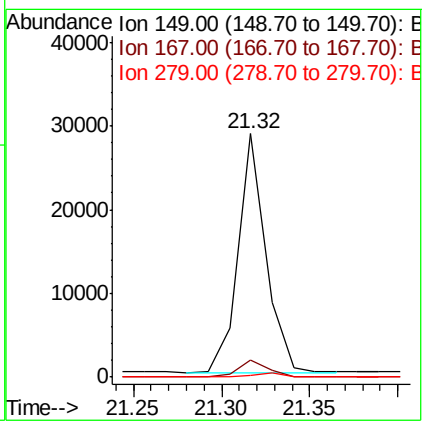


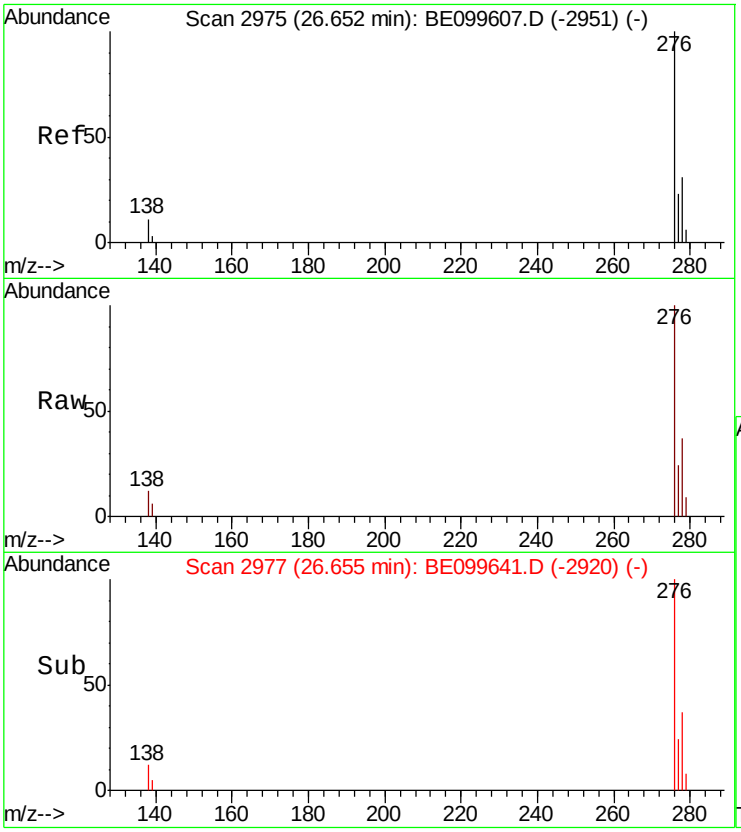


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.318 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:149 Resp: 31210

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.4	1.1	1.7



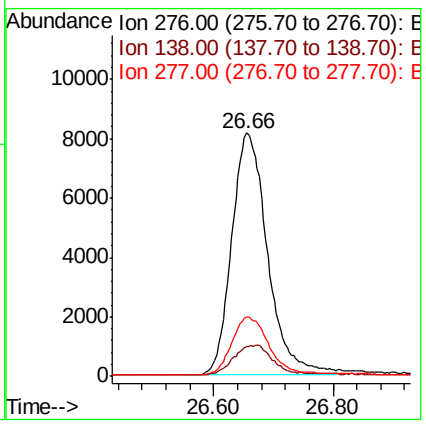


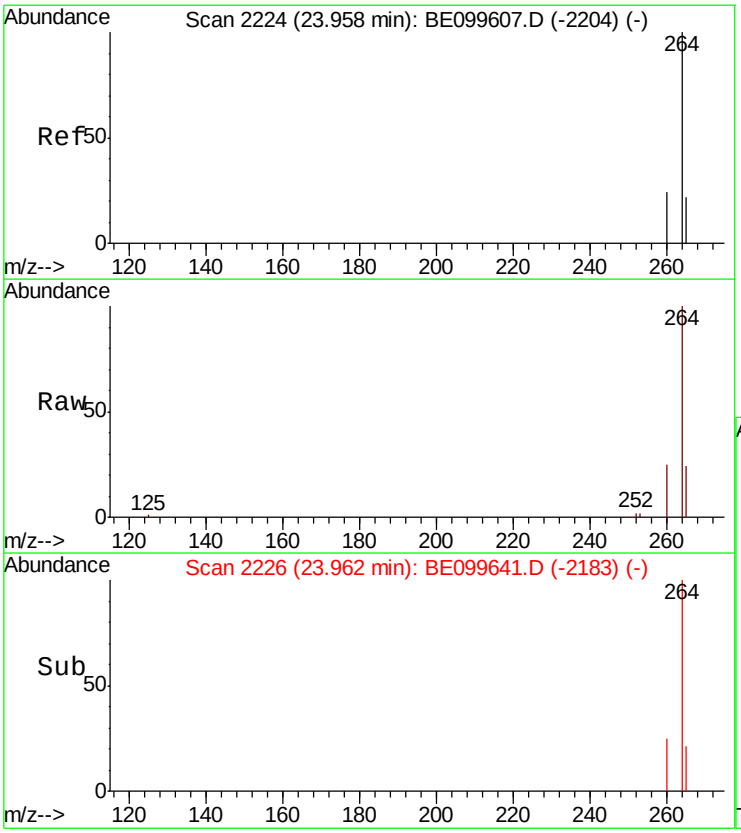
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.66 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 33929

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.0	15.0
277	24.9	19.1	28.7

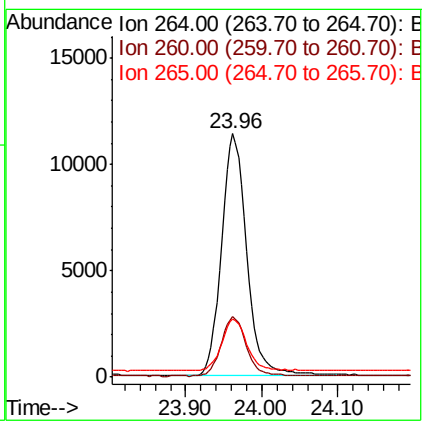


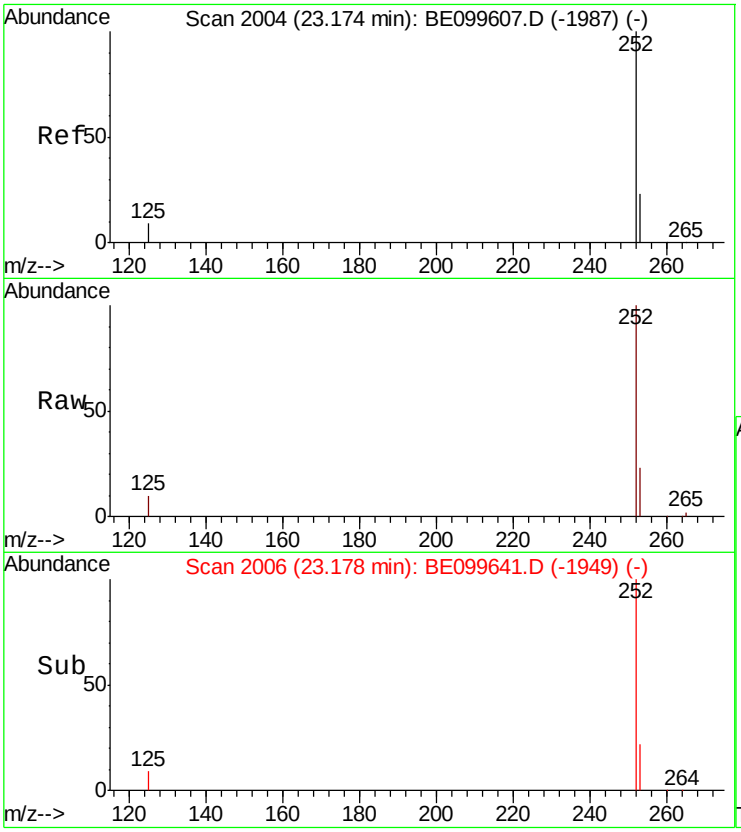


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:264 Resp: 26326

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	23.8	21.2	31.8



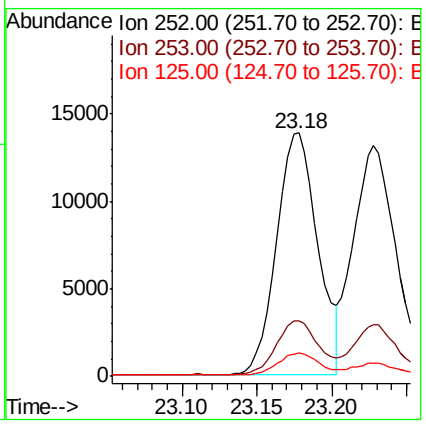


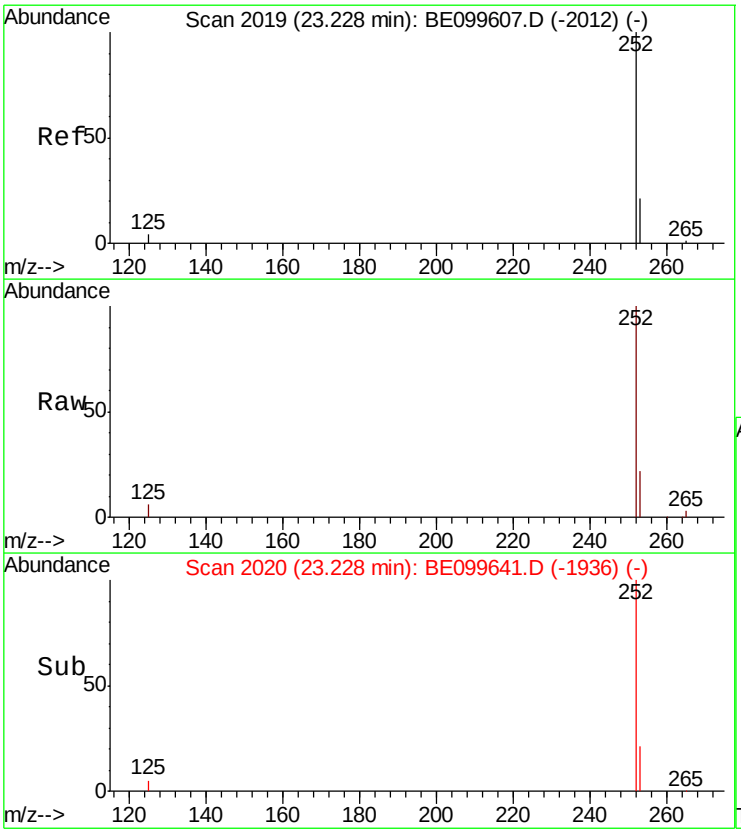
#35
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26690

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.1	28.7
125	9.6	7.8	11.8

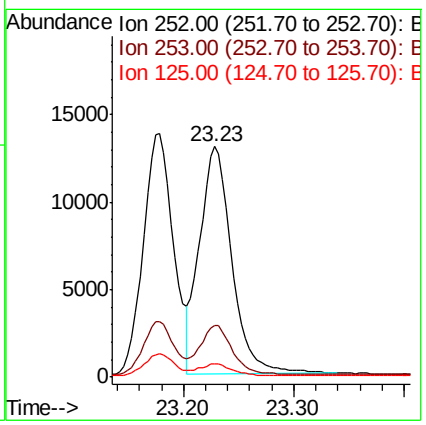


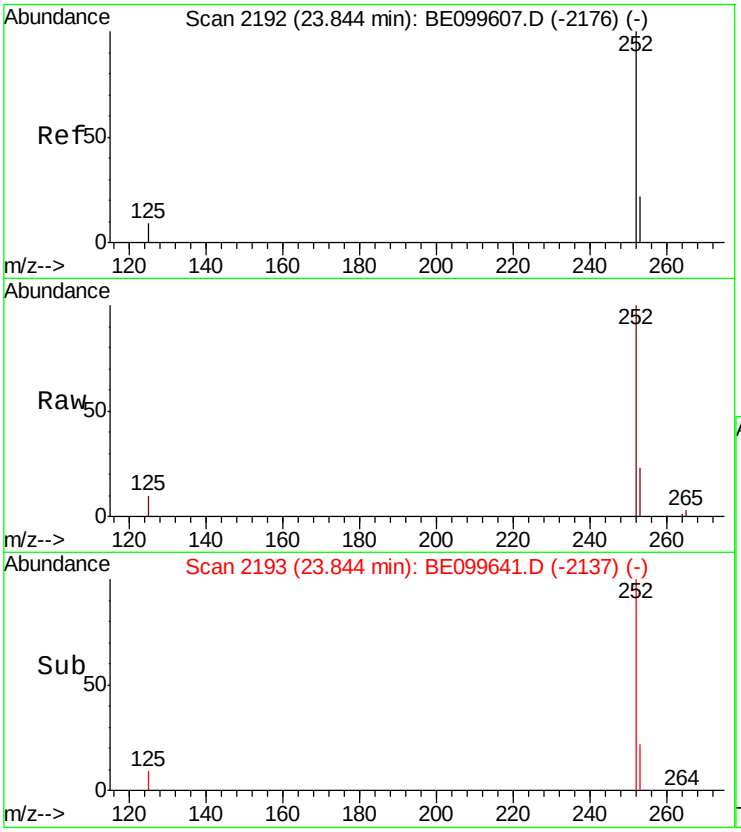


#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:252 Resp: 26701

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	5.9	5.2	7.8



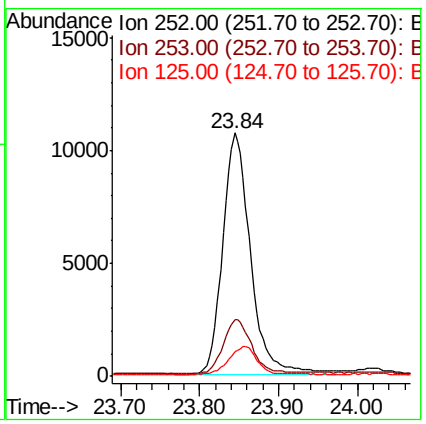


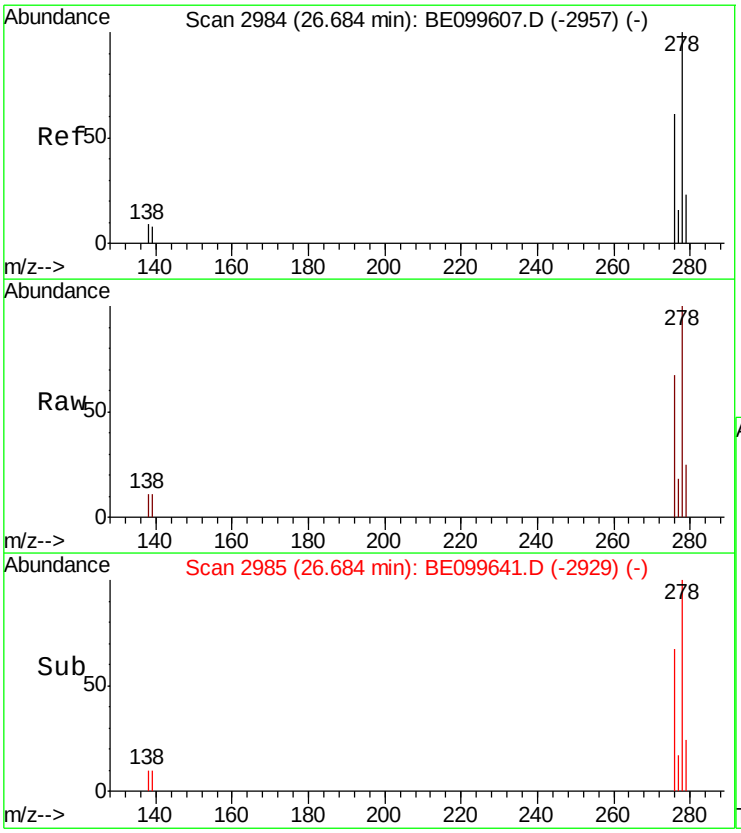
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26133

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	9.9	8.8	13.2

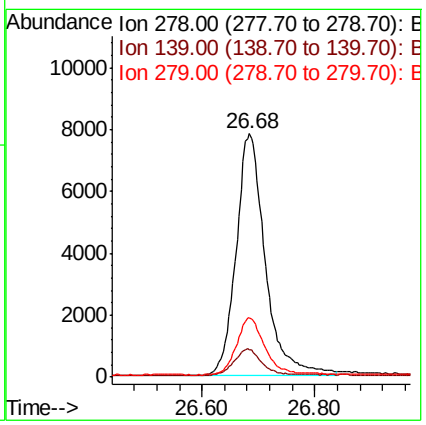


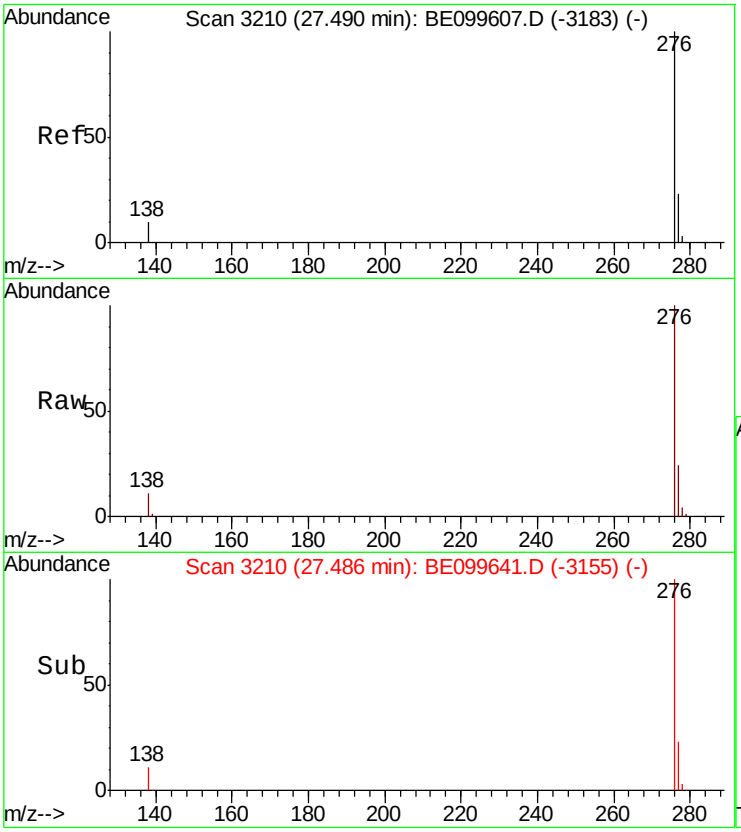


#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.68 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Tgt Ion:278 Resp: 27994

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.9	11.9
279	24.5	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.49 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE099641.D
Acq: 17 May 2019 8:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 28048

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	11.3	9.1	13.7