Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE052819\
Data File : BE099755.D
Acq On : 28 May 2019 13:47
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 28 15:07:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1361	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5022	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3775	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	12518	0.40	ng		0.00
27) Chrysene-d12	21.41	240	18011	0.40	ng		0.00
34) Perylene-d12	23.95	264	21061	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1256	0.37	ng		0.00
5) Phenol-d6	6.97	99	1692	0.37	ng		0.00
8) Nitrobenzene-d5	8.96	82	1538	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3155	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	761	0.40	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	5048	0.35	ng		0.00
25) Fluoranthene-d10	19.26	212	59853	0.35	ng		0.00
29) Terphenyl-d14	19.86	244	12485	0.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	768	0.381	ng		97
3) n-Nitrosodimethylamine	3.61	42	435	0.391	ng	#	86
6) bis(2-Chloroethyl)ether	7.23	93	1491	0.368	ng		96
9) Naphthalene	10.65	128	19395	0.361	ng		100
10) Hexachlorobutadiene	10.94	225	1489	0.377	ng		97
12) 2-Methylnaphthalene	12.30	142	3253	0.372	ng		95
16) Acenaphthylene	14.20	152	6536	0.371	ng		100
17) Acenaphthene	14.54	154	3551	0.360	ng		98
18) Fluorene	15.51	166	5319	0.366	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2456	0.340	ng	#	84
21) Hexachlorobenzene	16.53	284	2573	0.348	ng		99
22) Pentachlorophenol	16.89	266	990	0.605	ng		92
23) Phenanthrene	17.27	178	10733	0.351	ng		100
24) Anthracene	17.36	178	9378	0.338	ng		99
26) Fluoranthene	19.29	202	17146	0.355	ng		100
28) Pyrene	19.65	202	17950	0.397	ng		100
30) Benzo(a)anthracene	21.39	228	21034	0.411	ng		100
31) Chrysene	21.45	228	21023	0.384	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	23194	0.393	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	25488	0.386	ng		99
35) Benzo(b)fluoranthene	23.21	252	21107	0.366	ng		99
36) Benzo(k)fluoranthene	23.21	252	21153	0.352	ng		98
37) Benzo(a)pyrene	23.83	252	20009	0.360	ng	#	98
38) Dibenzo(a,h)anthracene	26.66	278	20422	0.350	ng	#	98
39) Benzo(g,h,i)perylene	27.46	276	20810	0.353	ng		99

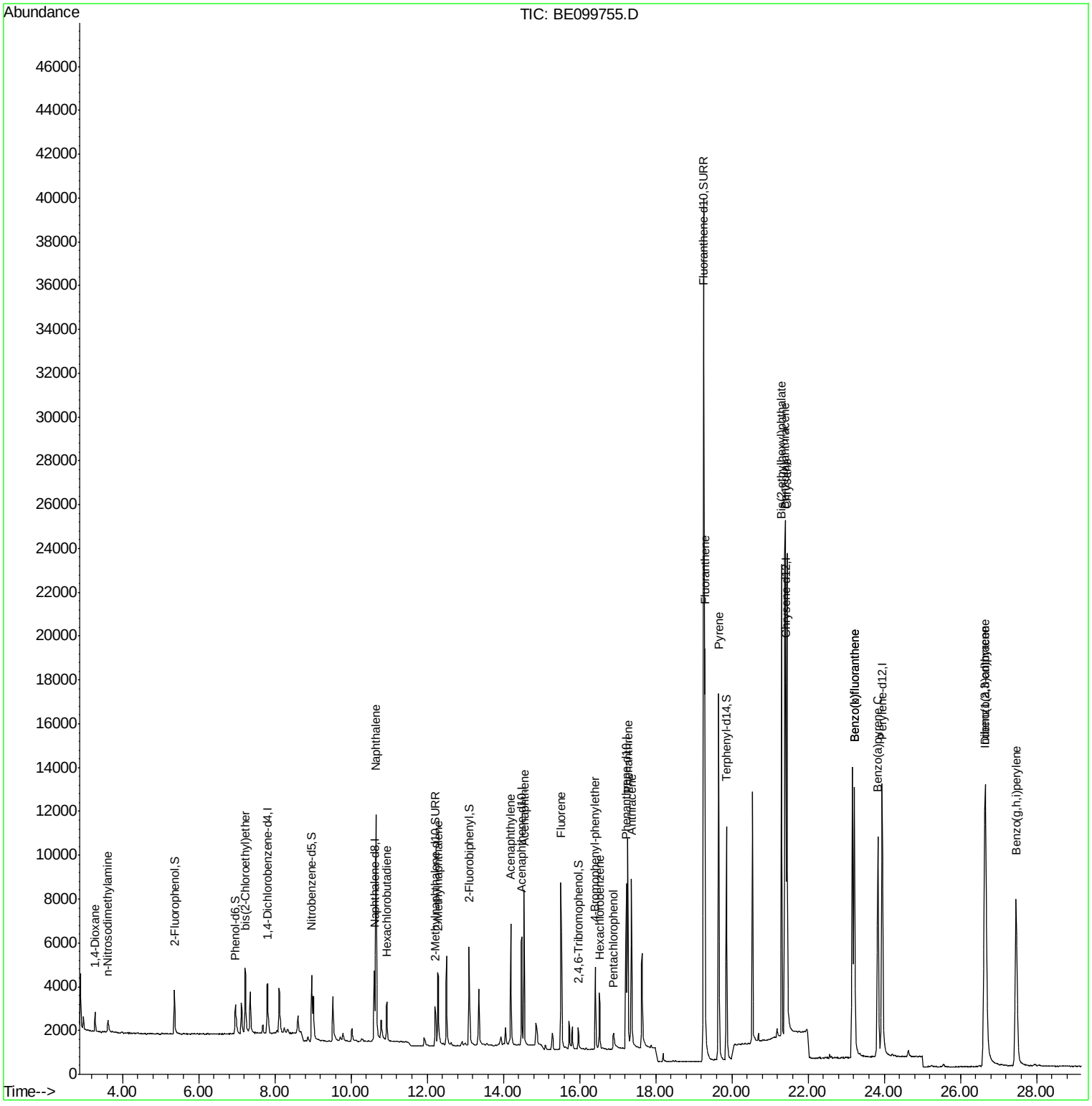
(#) = qualifier out of range (m) = manual integration (+) = signals summed

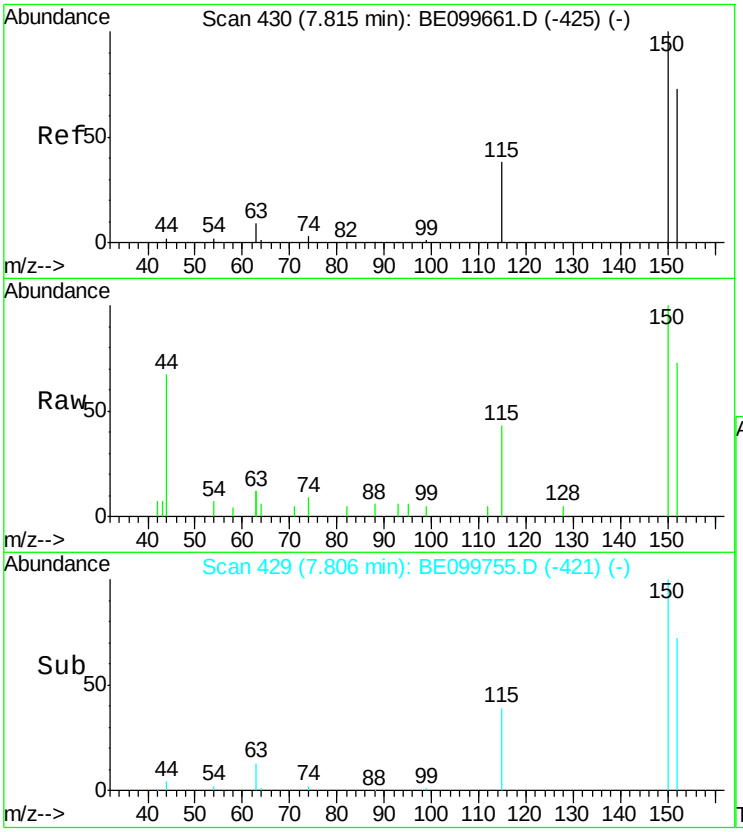
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE052819\
Data File : BE099755.D
Acq On : 28 May 2019 13:47
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 28 15:07:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



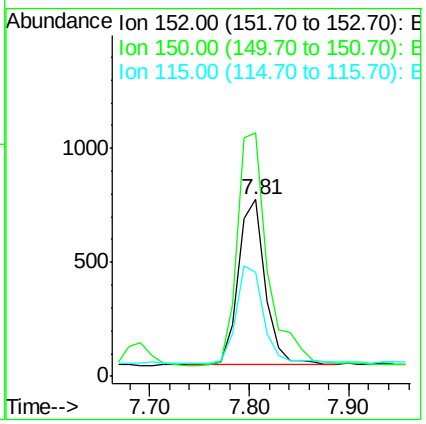


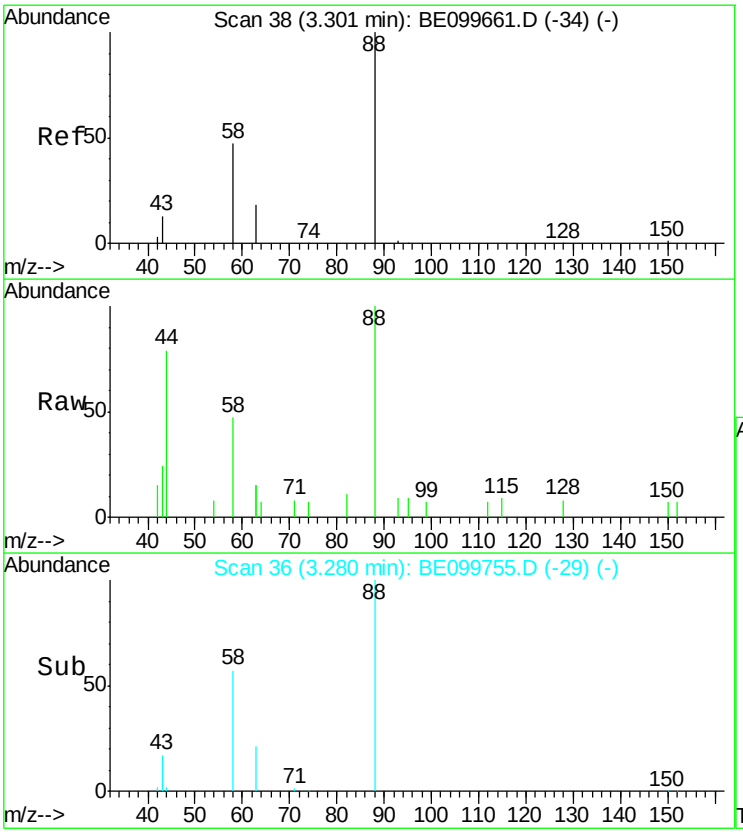
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1361

Ion	Ratio	Lower	Upper
152	100		
150	137.8	109.2	163.8
115	58.7	43.7	65.5

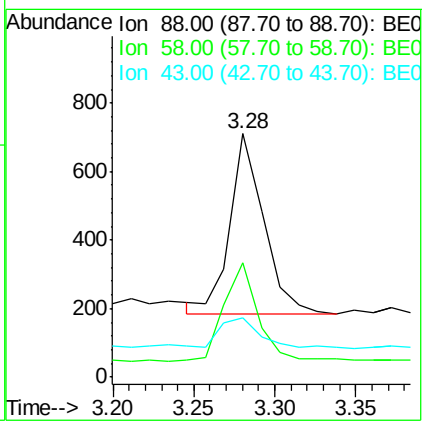


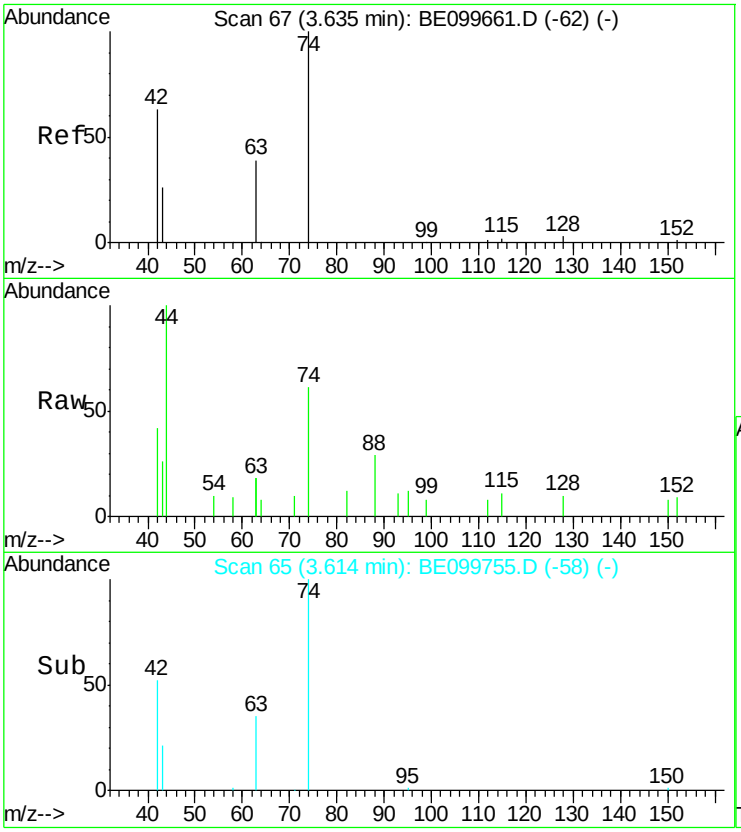


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion: 88 Resp: 768

Ion	Ratio	Lower	Upper
88	100		
58	54.2	41.8	62.8
43	19.9	15.0	22.4



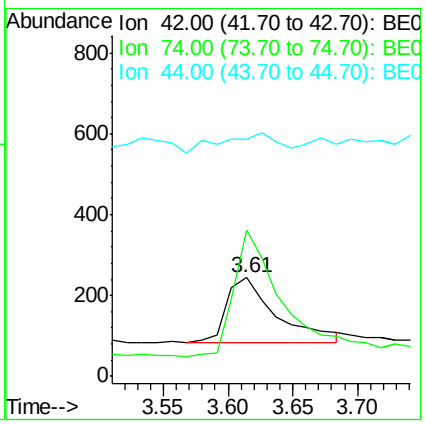


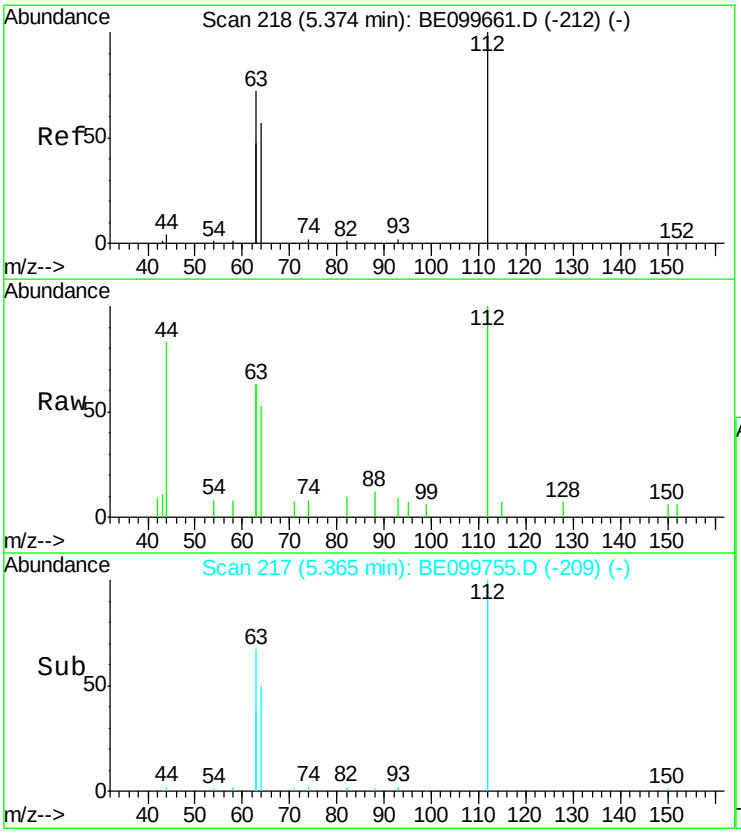
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 435

Ion	Ratio	Lower	Upper
42	100		
74	180.2	129.2	193.8
44	34.0	0.0	0.0#

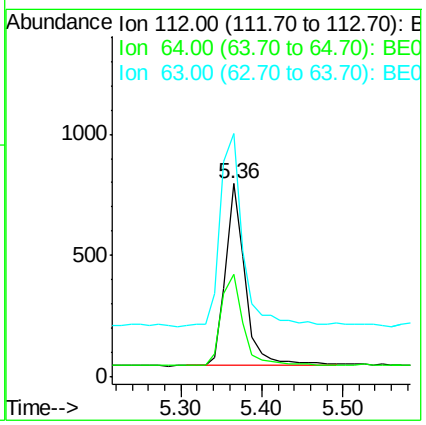


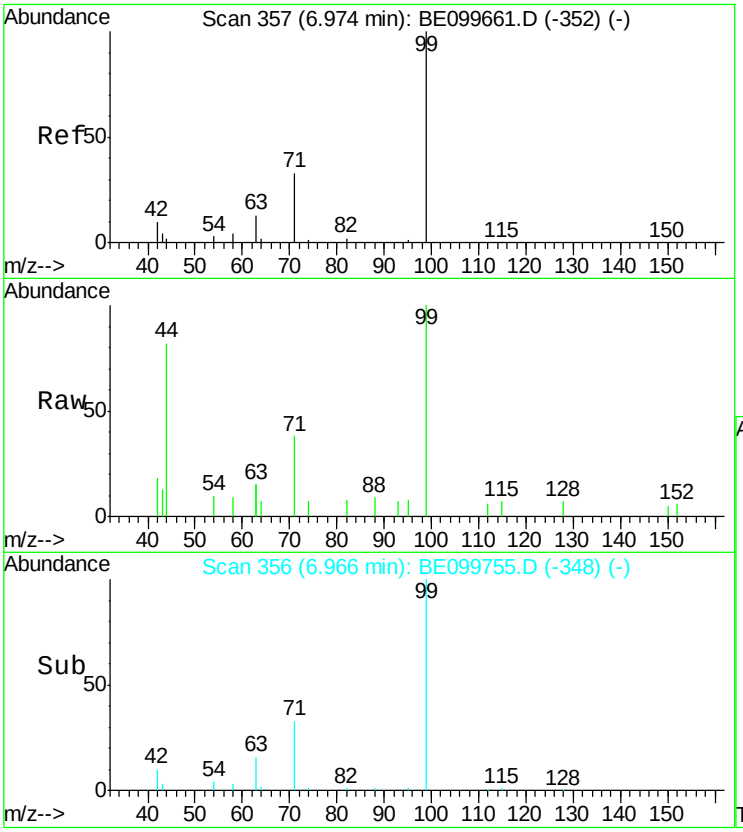


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:112 Resp: 1256

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.4	65.2
63	122.1	96.9	145.3



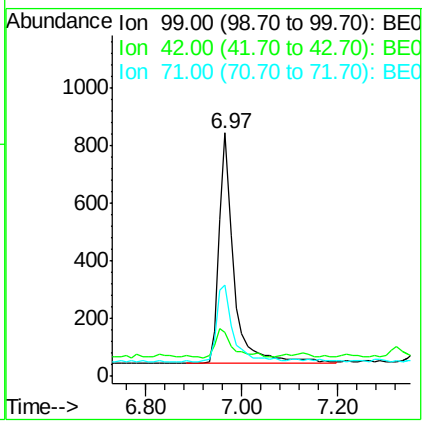


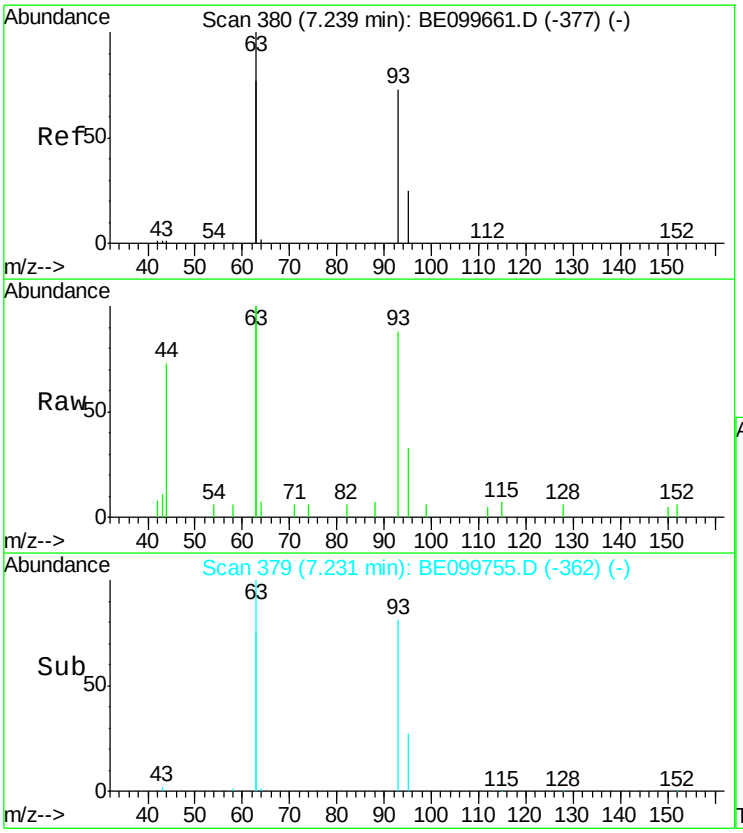
#5
Phenol-d6
Concen: 0.372 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1692

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	37.6	28.9	43.3

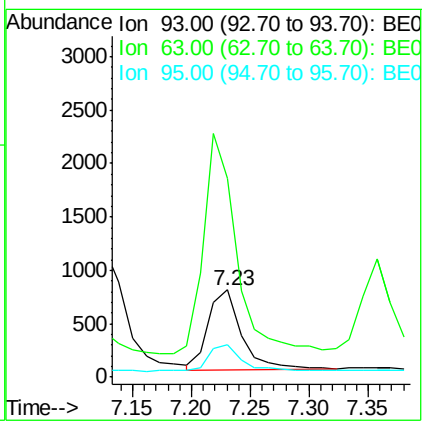


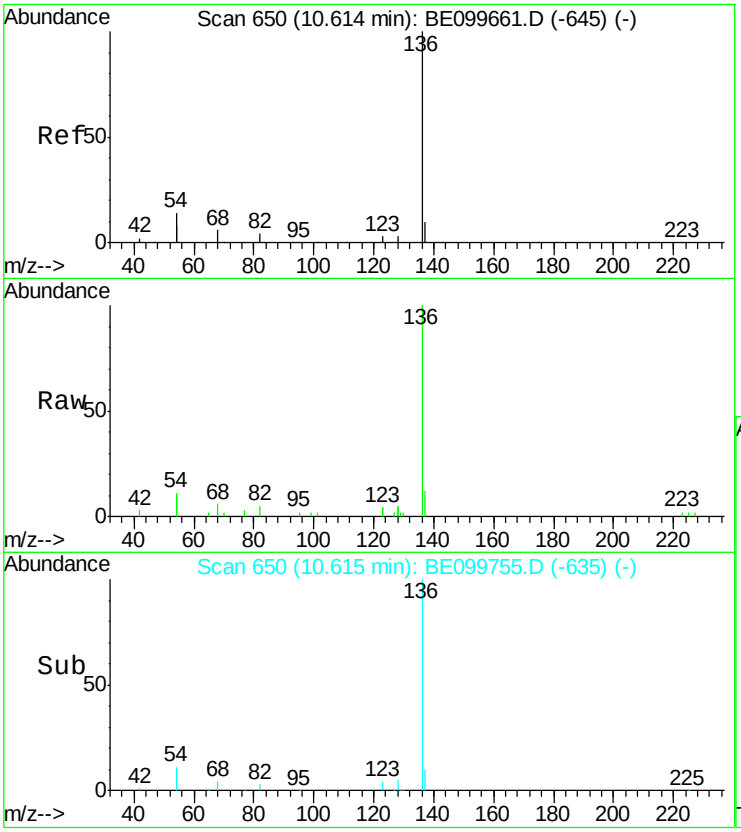


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion: 93 Resp: 1491

Ion	Ratio	Lower	Upper
93	100		
63	267.8	207.8	311.6
95	32.7	25.9	38.9



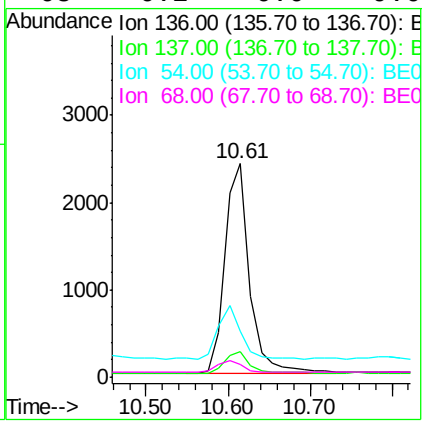


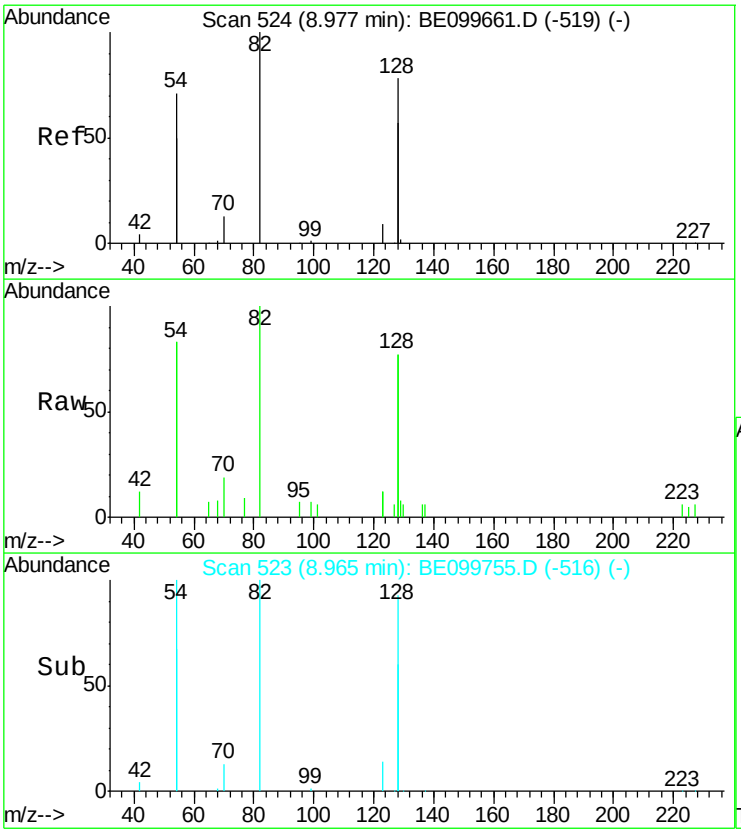
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5022

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	21.3	22.3	33.5#
68	6.2	6.0	9.0

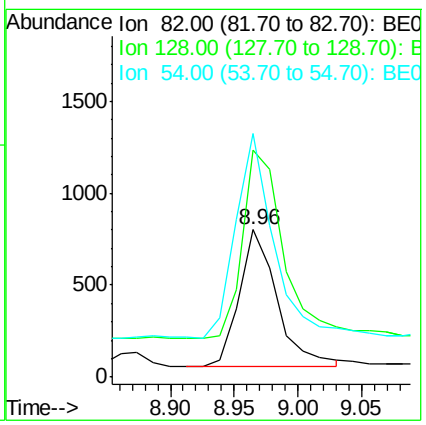


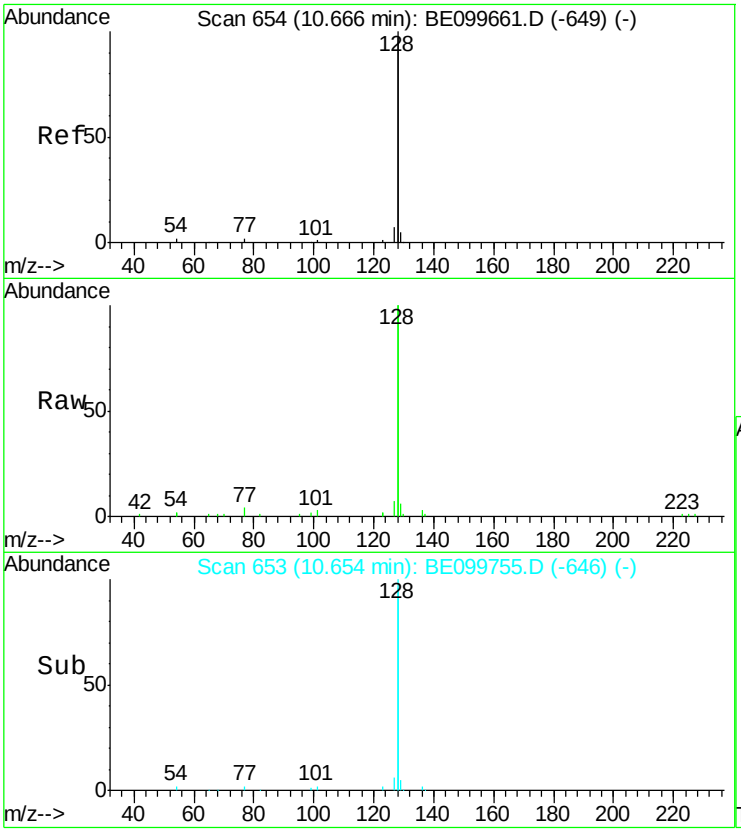


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion: 82 Resp: 1538

Ion	Ratio	Lower	Upper
82	100		
128	153.8	117.7	176.5
54	165.3	106.6	160.0#



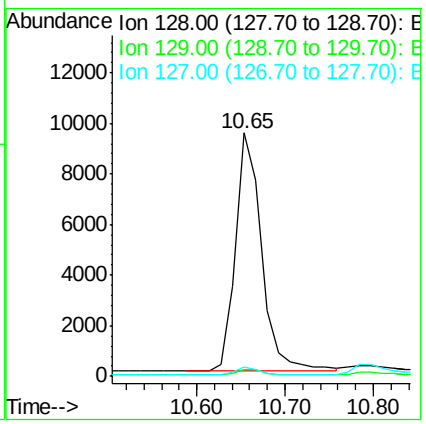


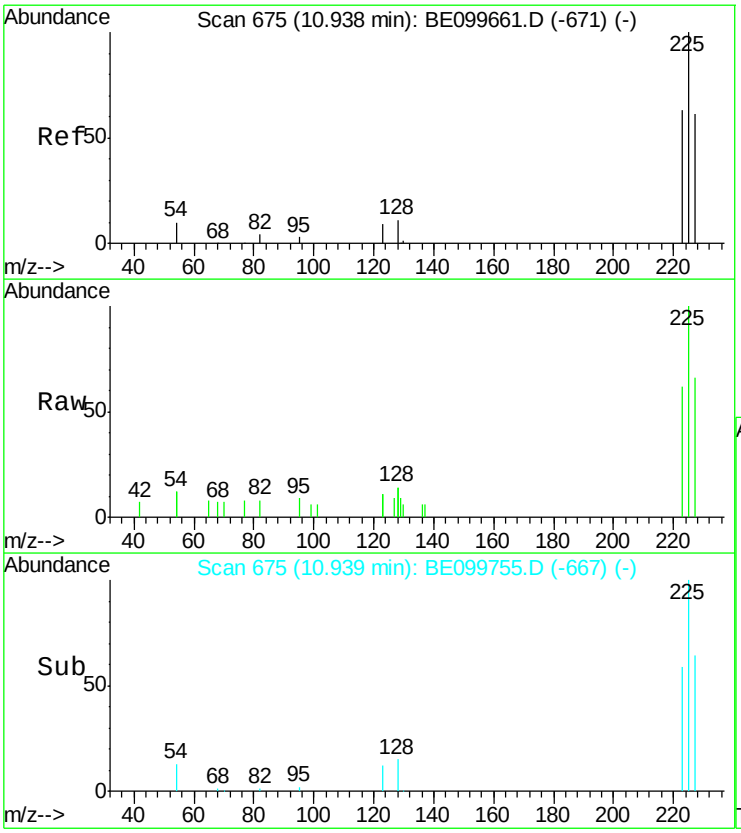
#9
Naphthalene
Concen: 0.361 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 19395

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.7	2.9	4.3

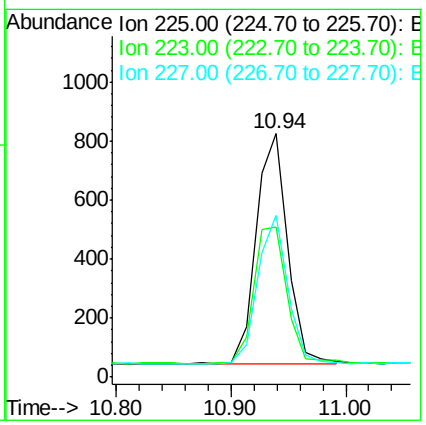


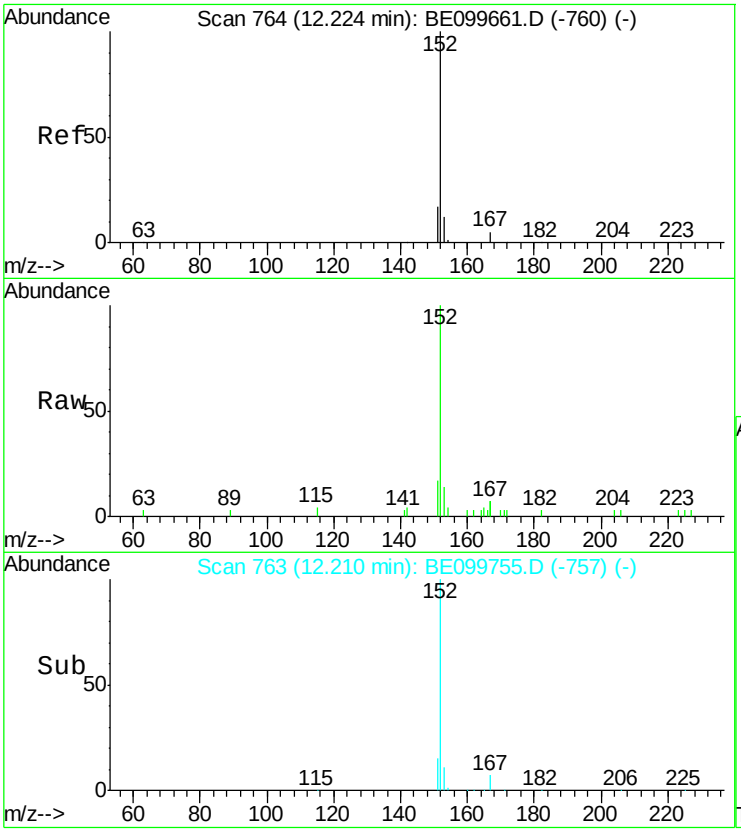


#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:225 Resp: 1489

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.6
227	62.3	52.6	79.0



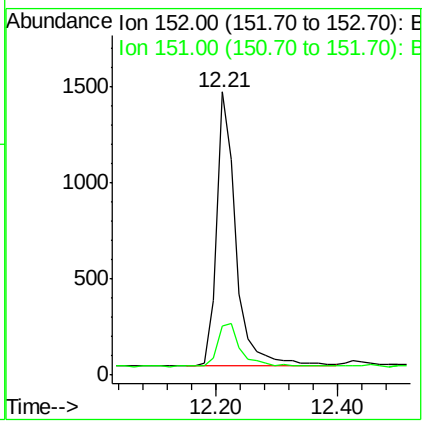


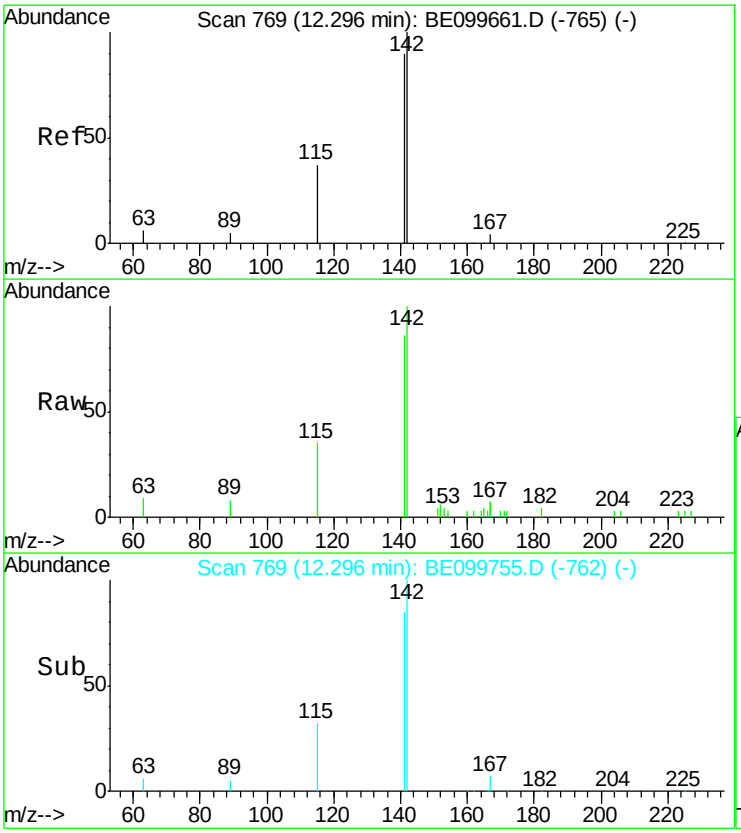
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3155

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.0	22.4

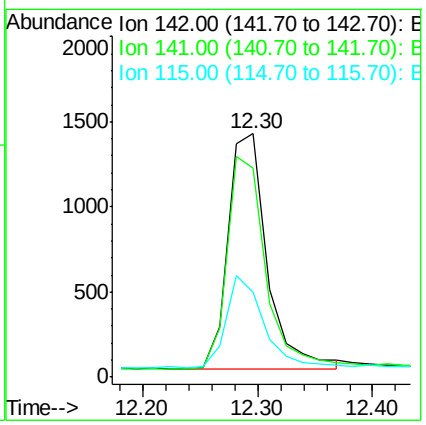


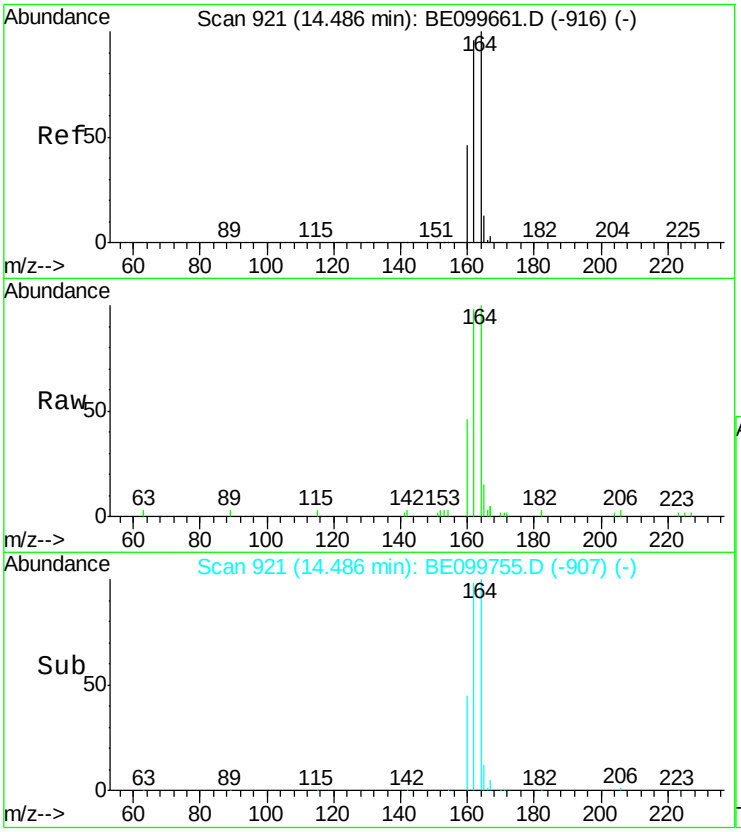


#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:142 Resp: 3253

Ion	Ratio	Lower	Upper
142	100		
141	85.7	72.0	108.0
115	35.1	31.0	46.4



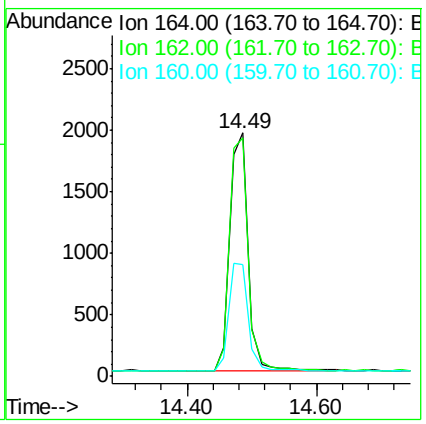


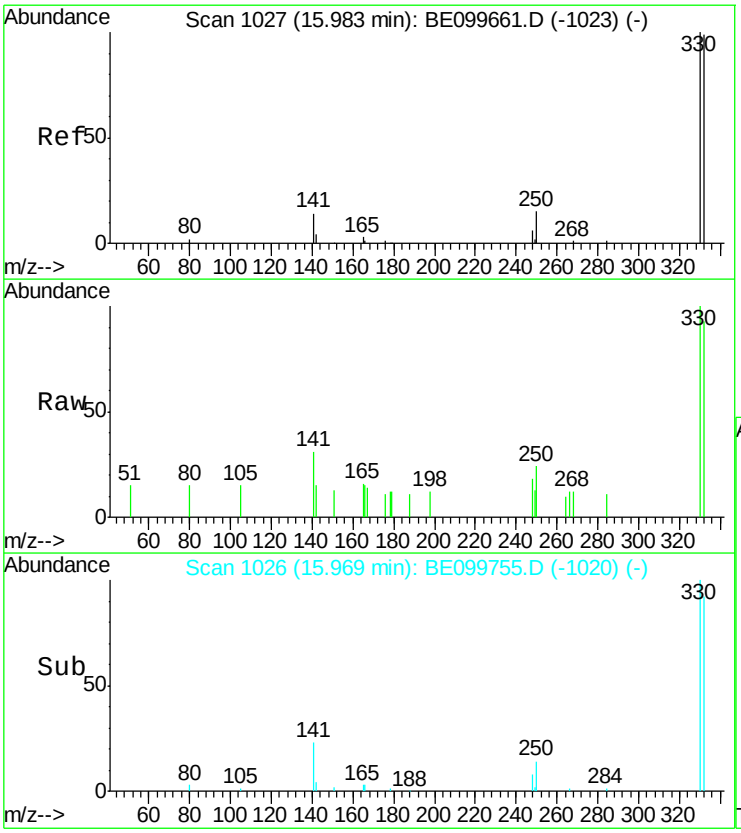
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3775

Ion	Ratio	Lower	Upper
164	100		
162	97.8	76.5	114.7
160	45.8	37.4	56.2

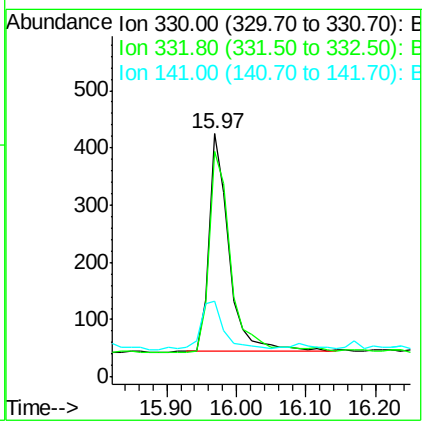


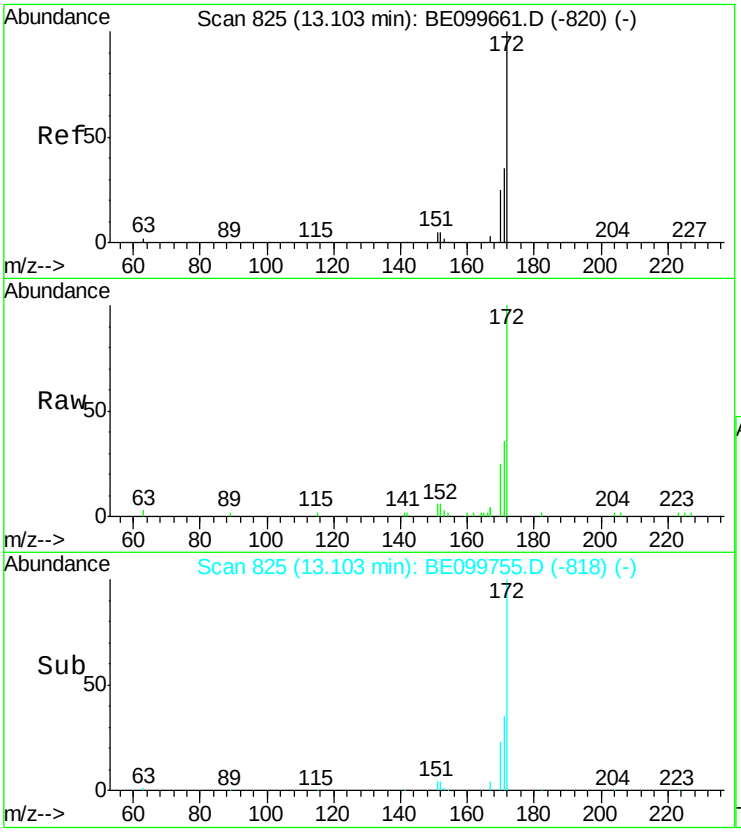


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:330 Resp: 761

Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.3	115.9
141	25.1	18.9	28.3



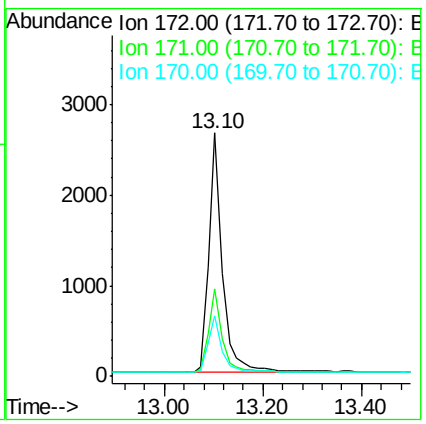


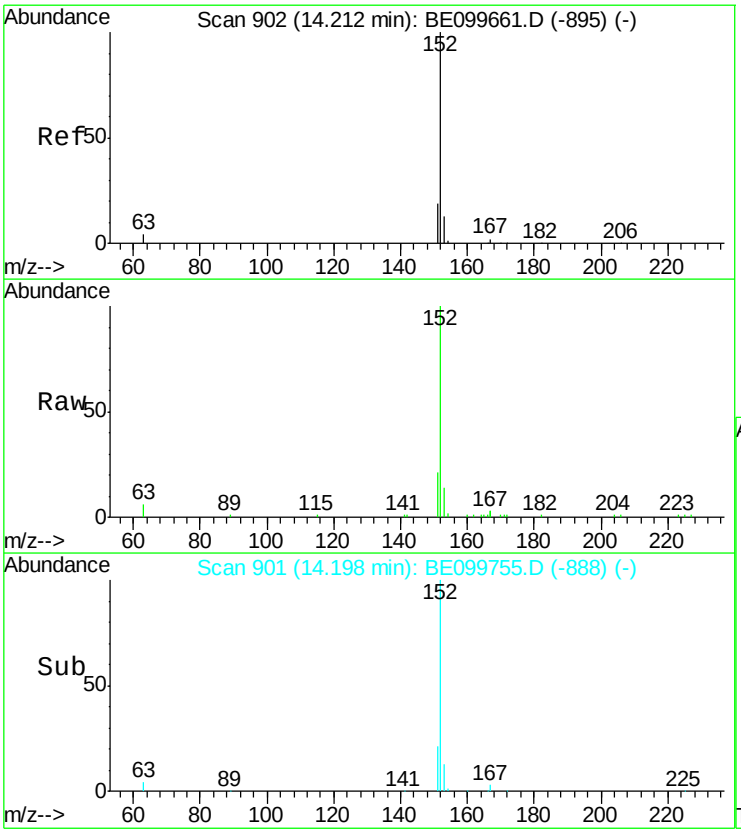
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5048

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.7	20.9	31.3

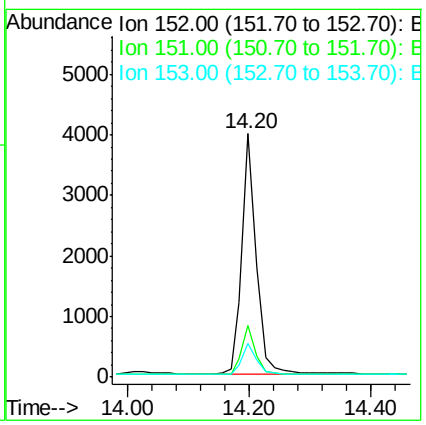


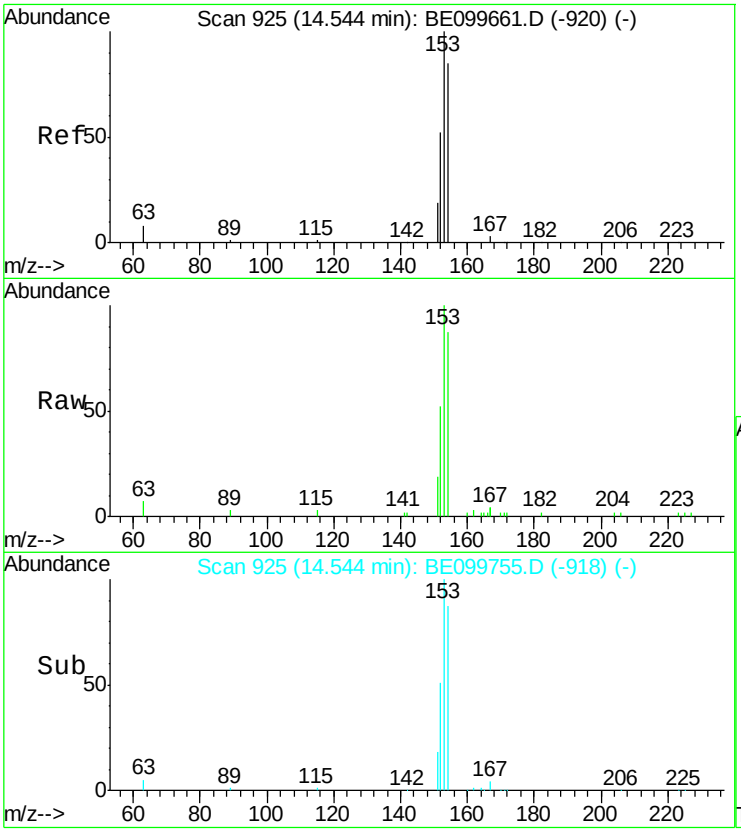


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:152 Resp: 6536

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.5	10.6	16.0



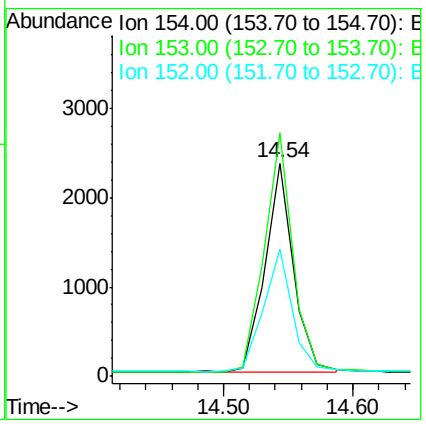


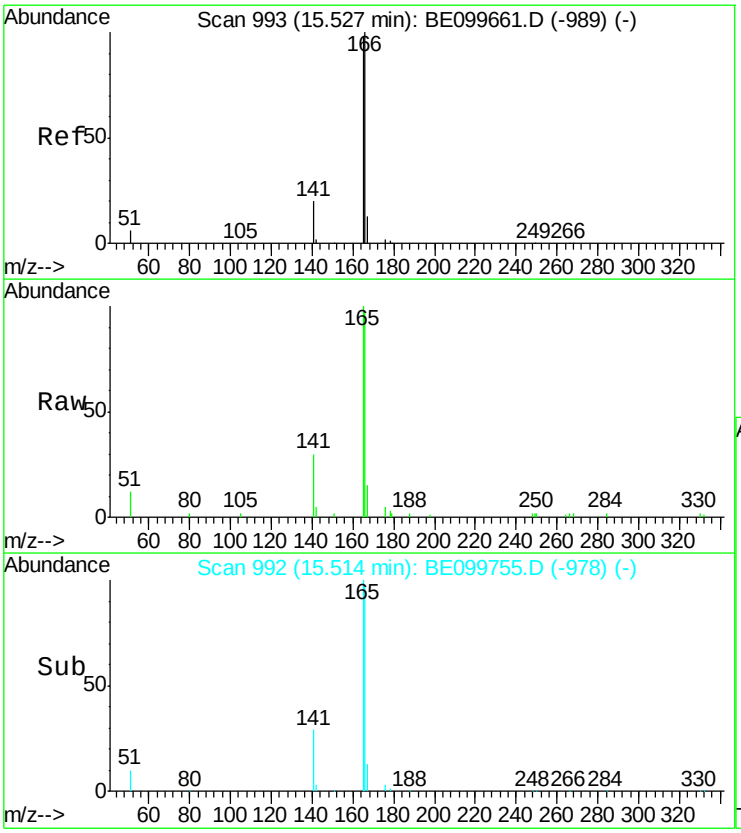
#17
Acenaphthene
Concen: 0.360 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3551

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	59.8	46.0	69.0

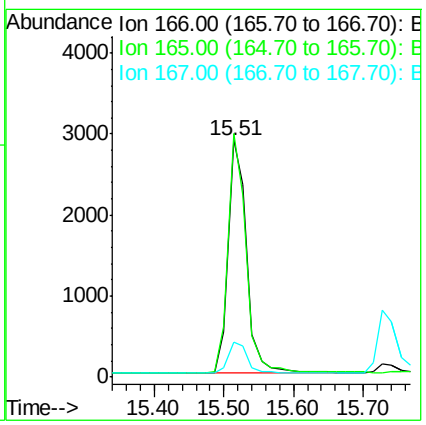


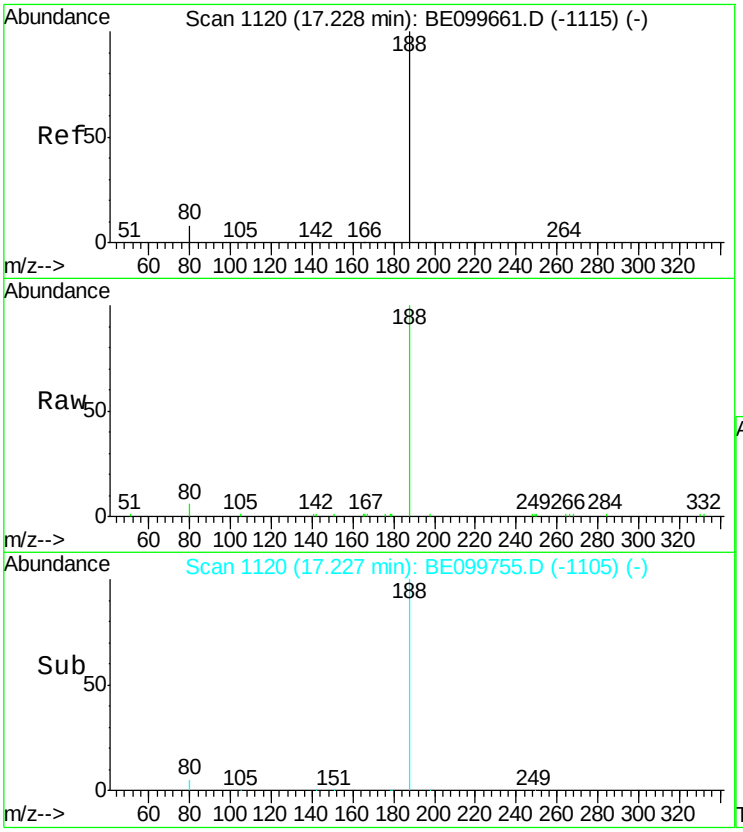


#18
Fluorene
Concen: 0.366 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:166 Resp: 5319

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	13.7	10.6	16.0



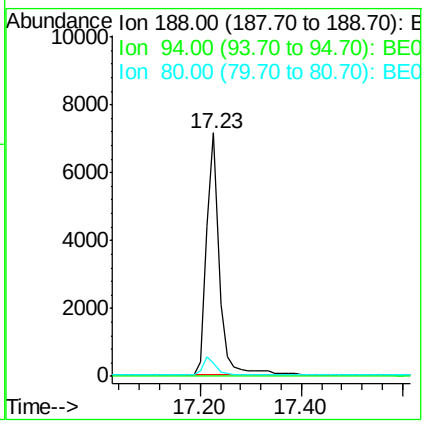


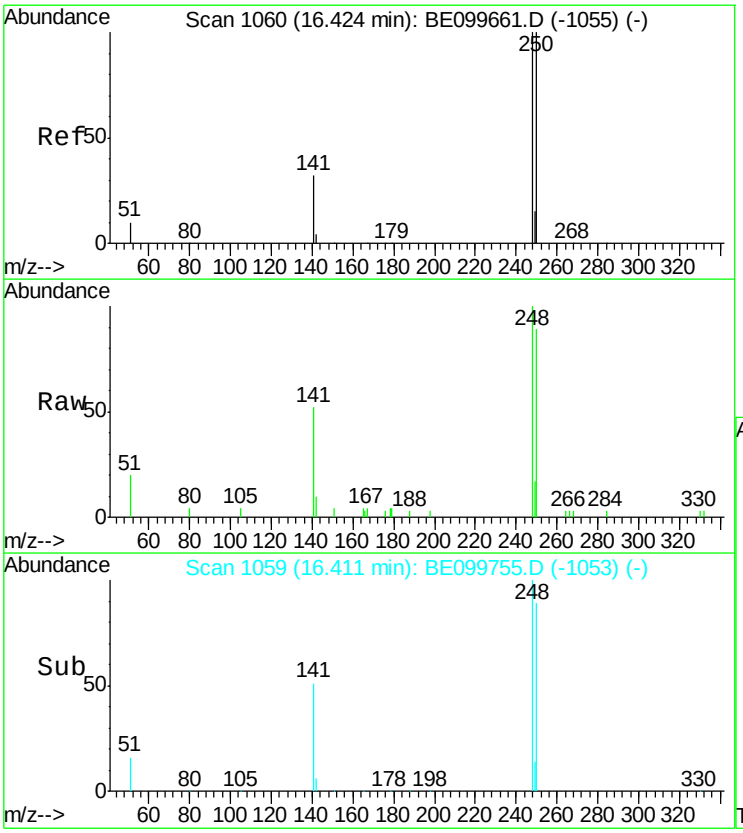
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12518

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	6.7	10.1#

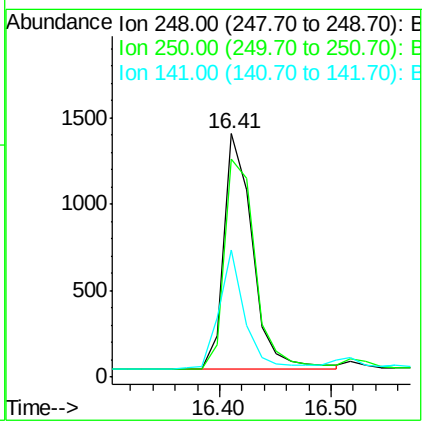


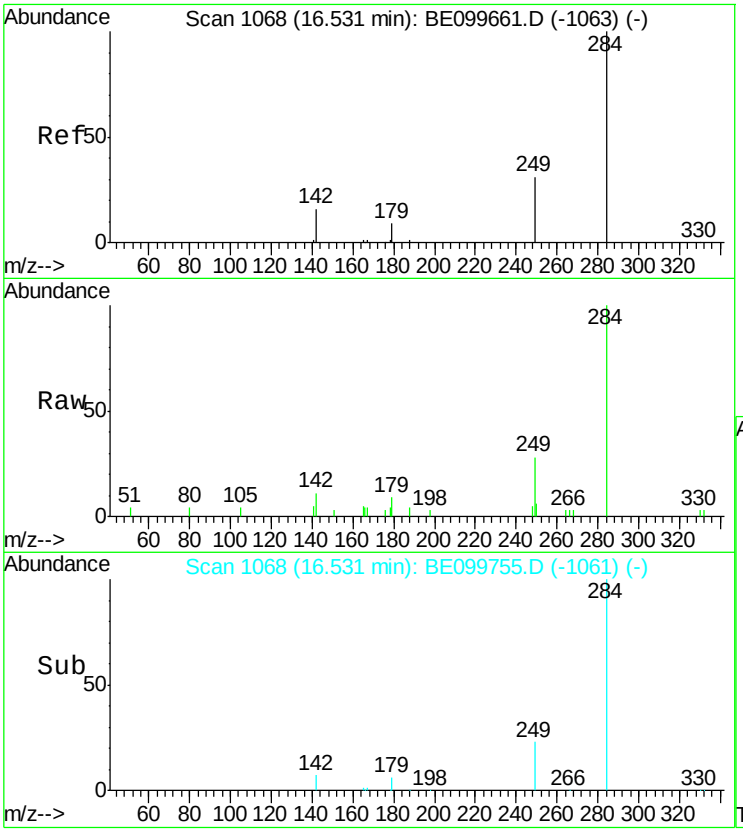


#20
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:248 Resp: 2456

Ion	Ratio	Lower	Upper
248	100		
250	89.5	79.8	119.8
141	52.4	27.0	40.6#



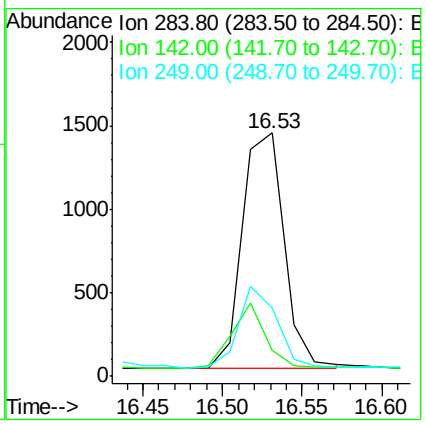


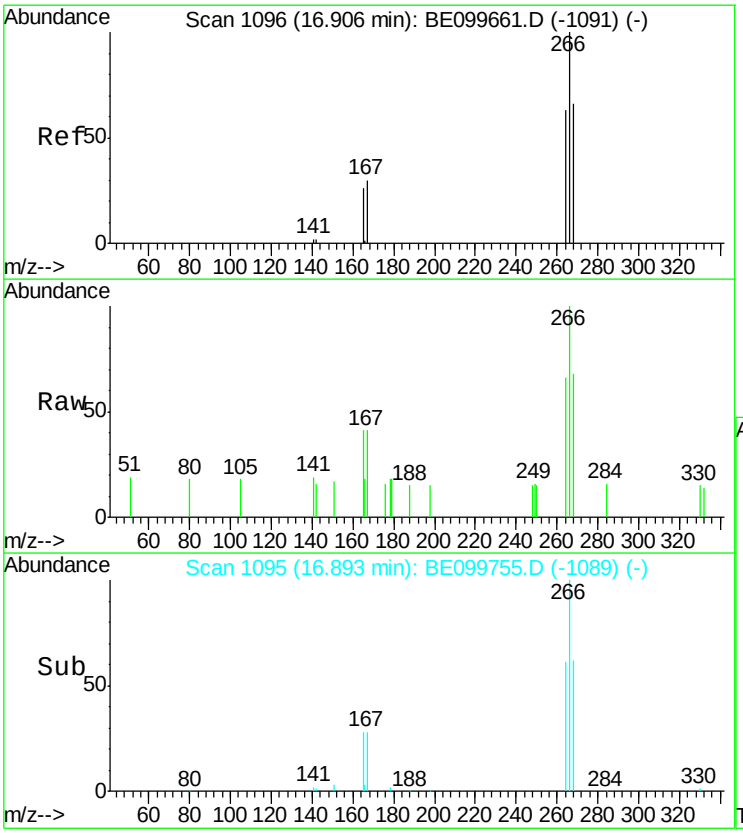
#21
Hexachlorobenzene
Concen: 0.348 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2573

Ion	Ratio	Lower	Upper
284	100		
142	23.0	17.8	26.6
249	31.6	24.8	37.2

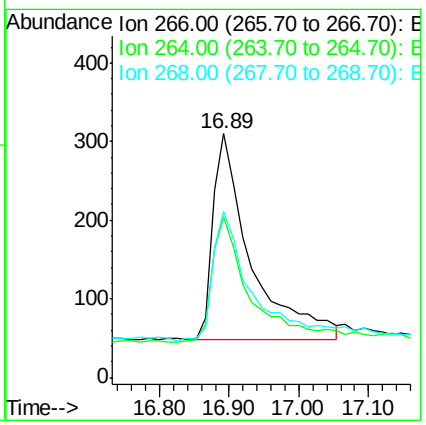


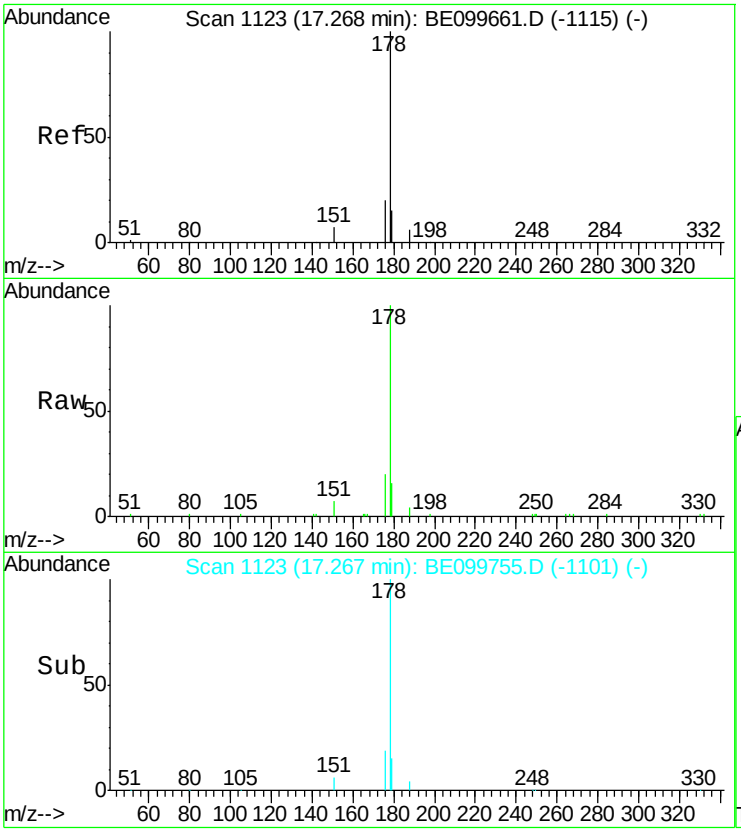


#22
Pentachlorophenol
Concen: 0.605 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:266 Resp: 990

Ion	Ratio	Lower	Upper
266	100		
264	65.8	57.2	85.8
268	68.1	60.5	90.7



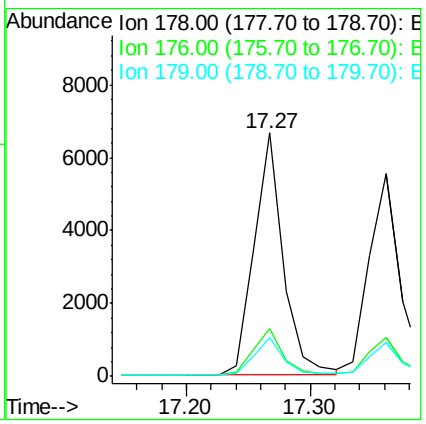


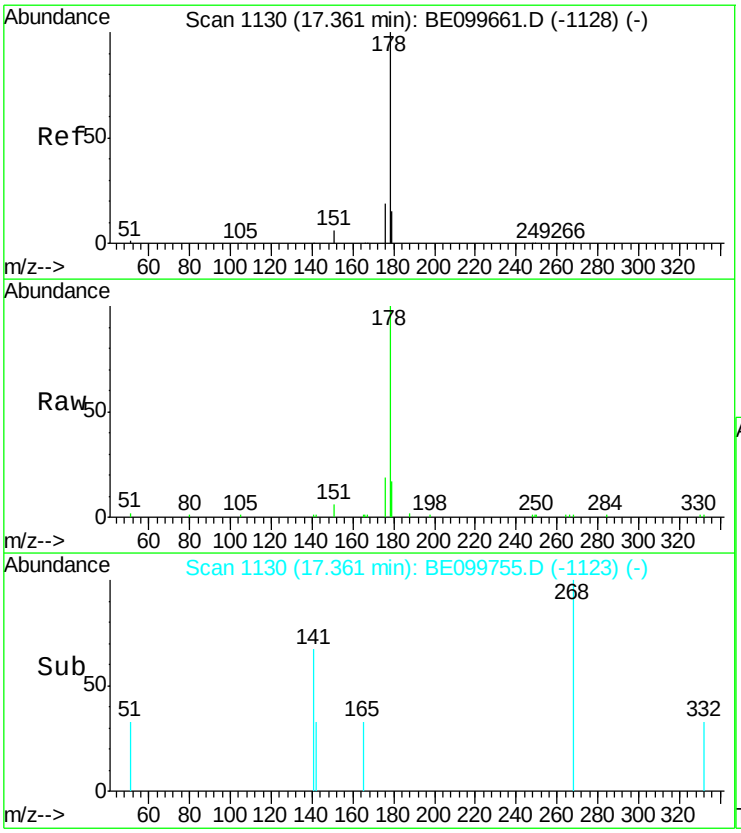
#23
Phenanthrene
Concen: 0.351 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 10733

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.2	18.4

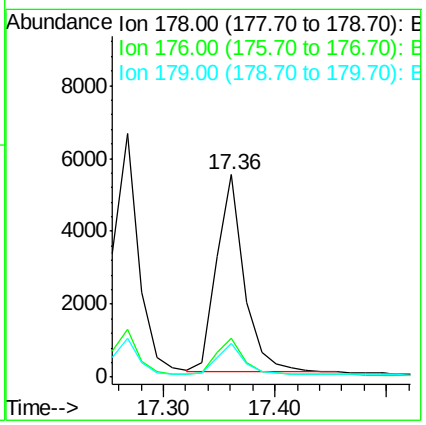


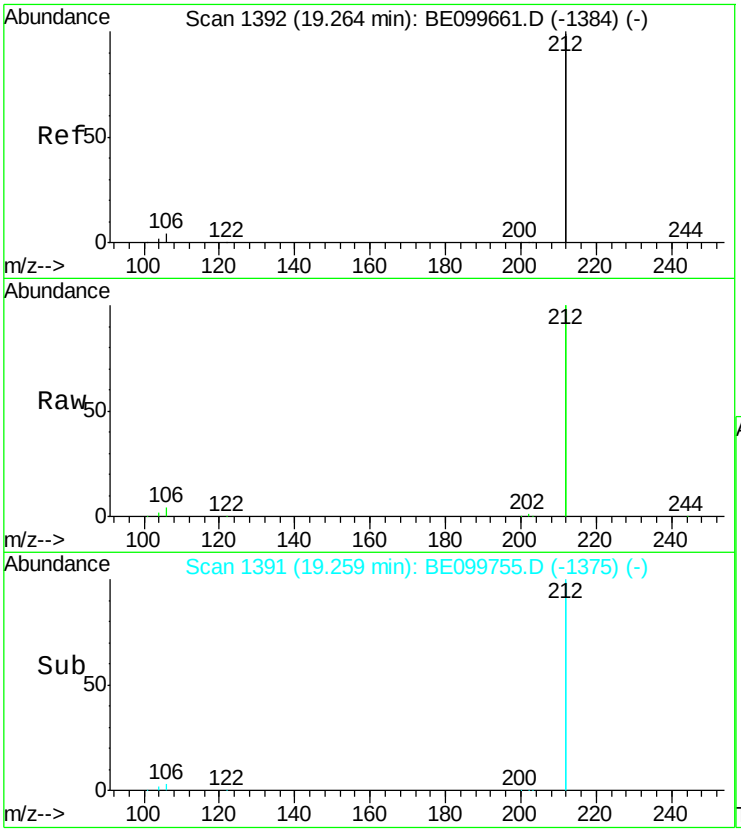


#24
Anthracene
Concen: 0.338 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:178 Resp: 9378

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.5	12.0	18.0



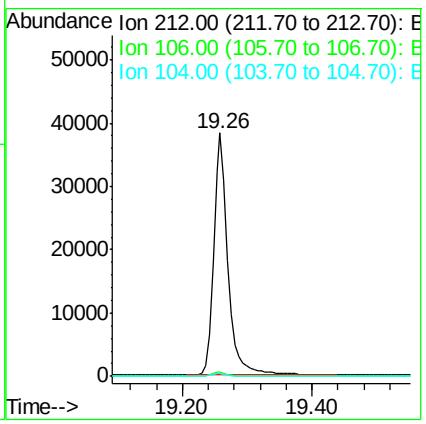


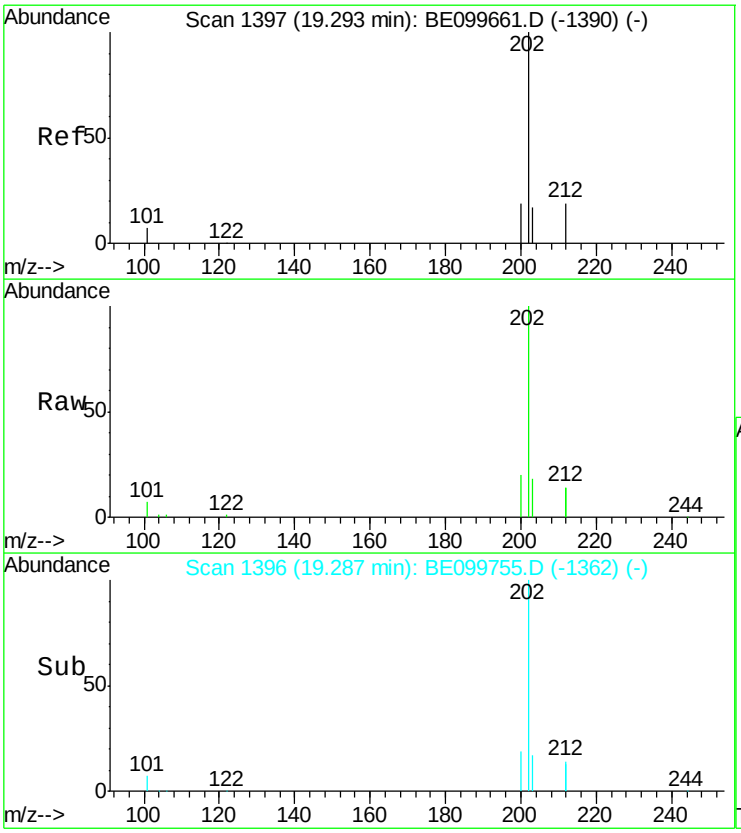
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 59853

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

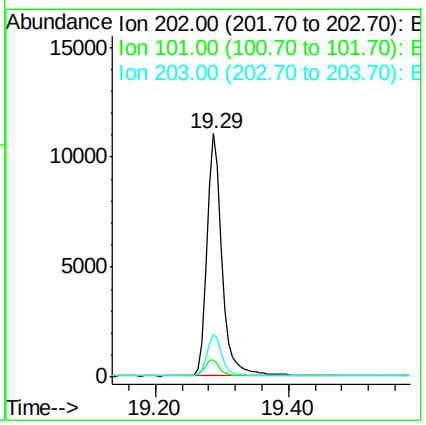


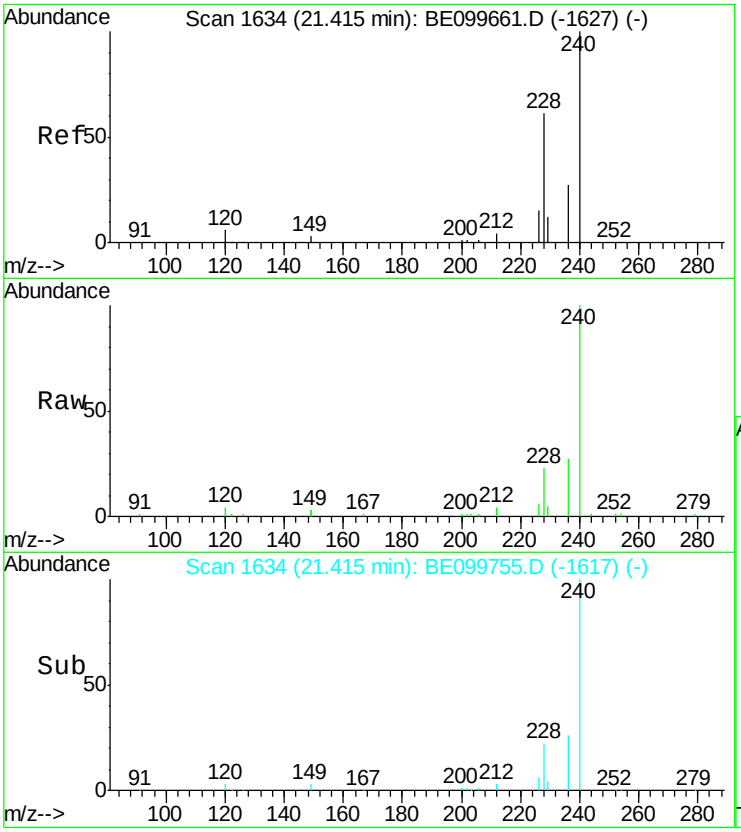


#26
Fluoranthene
Concen: 0.355 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:202 Resp: 17146

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.3	13.8	20.6



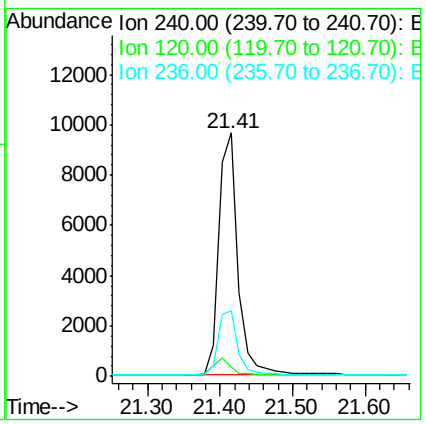


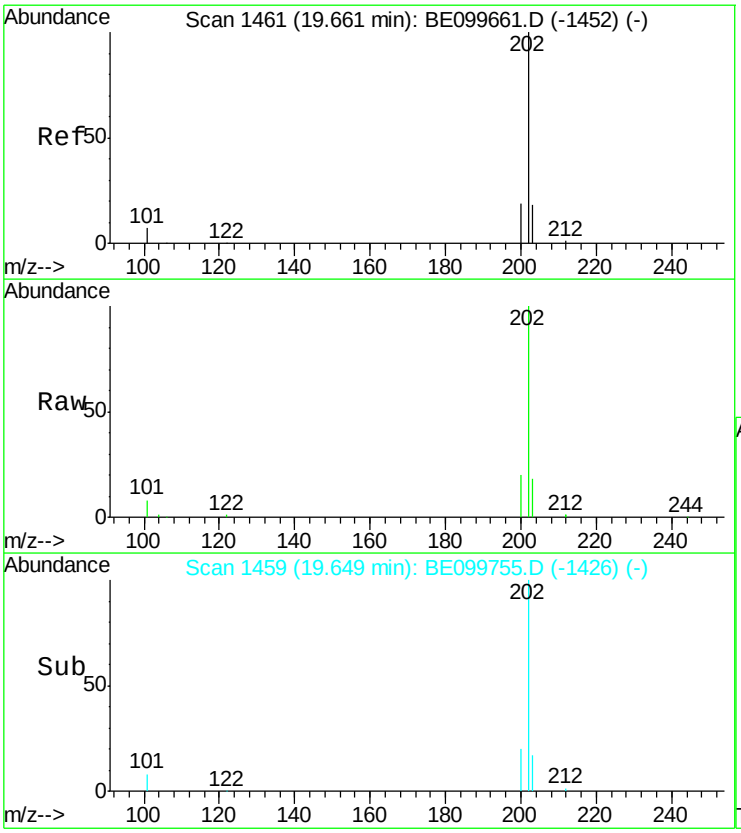
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 18011

Ion	Ratio	Lower	Upper
240	100		
120	3.6	5.4	8.0#
236	26.8	21.7	32.5

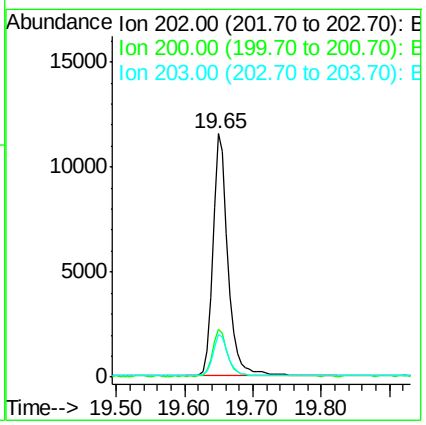


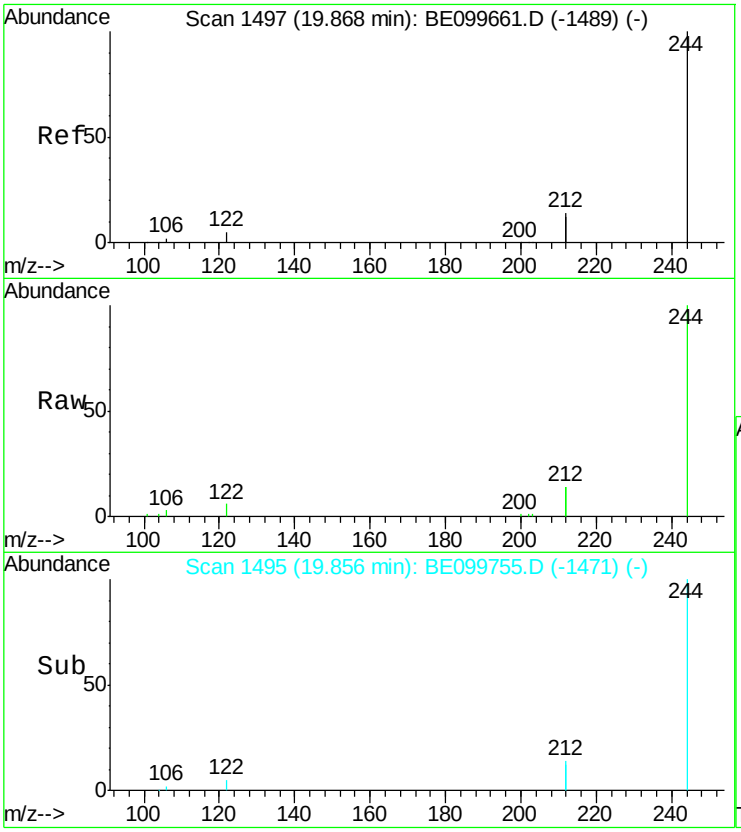


#28
Pyrene
Concen: 0.397 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:202 Resp: 17950

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.4	23.2
203	17.6	13.8	20.8



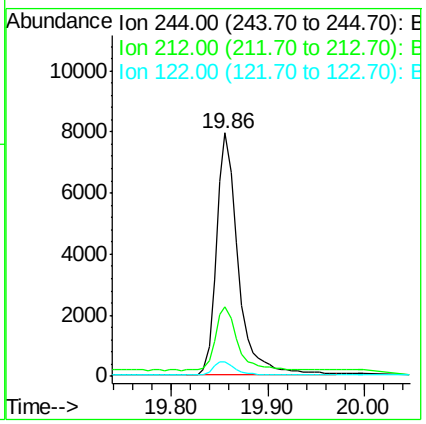


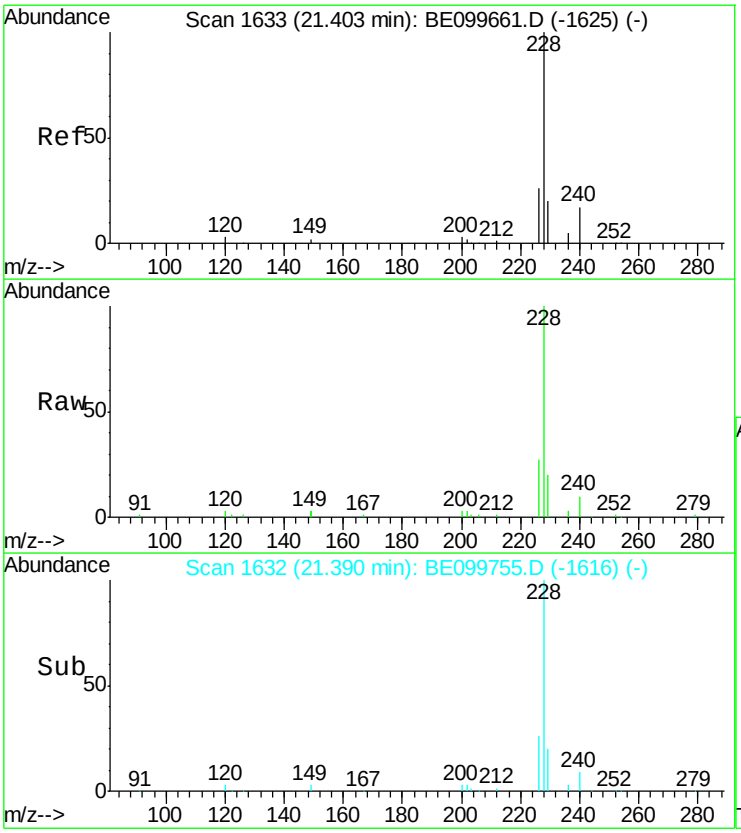
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12485

Ion	Ratio	Lower	Upper
244	100		
212	28.7	22.5	33.7
122	6.0	4.3	6.5

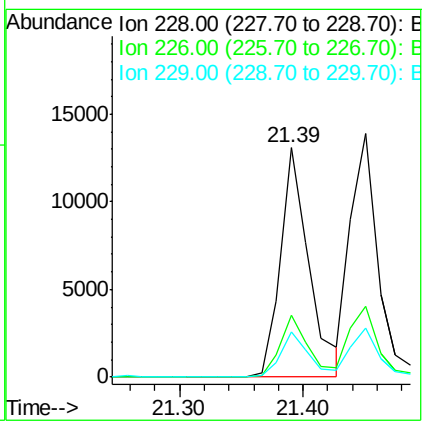


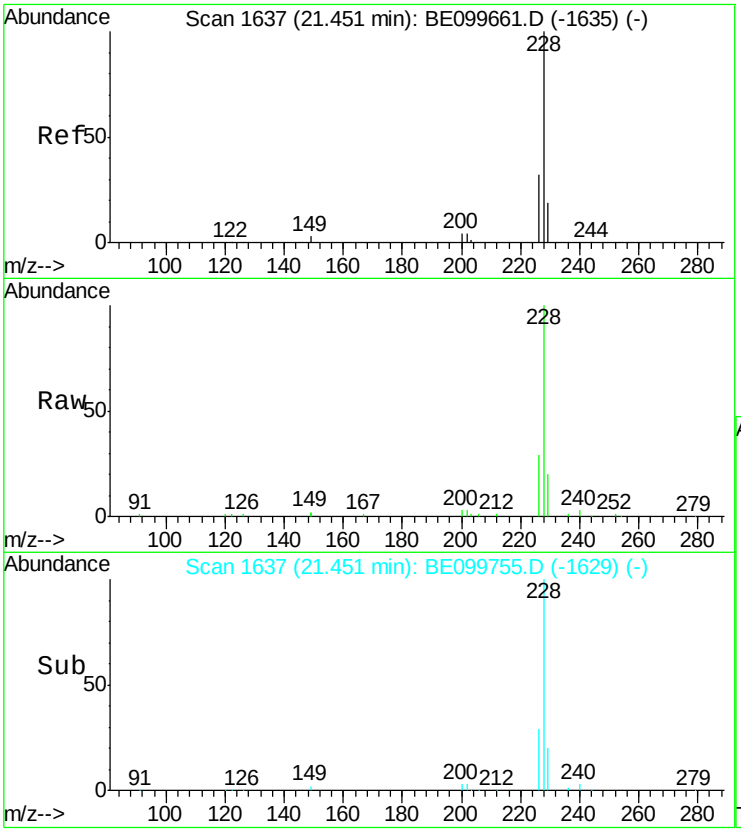


#30
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:228 Resp: 21034

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.0	16.1	24.1



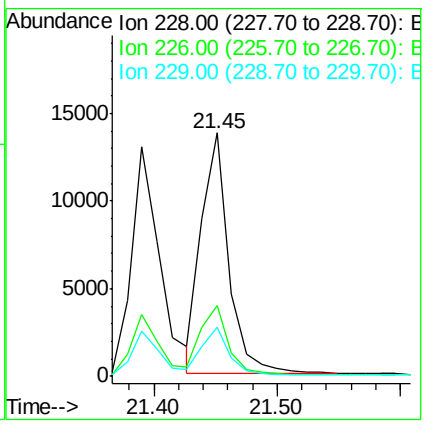


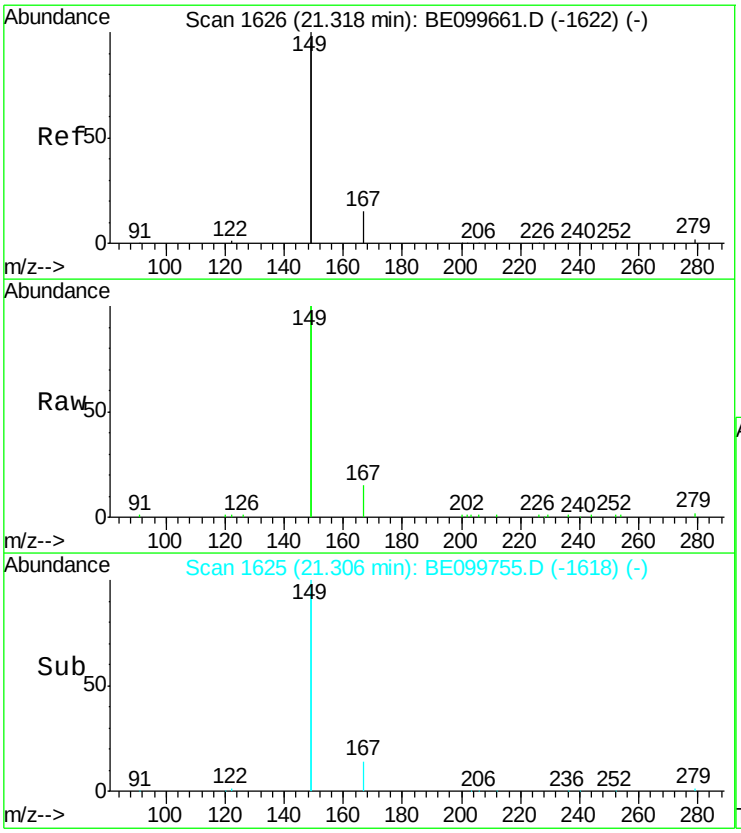
#31
Chrysene
Concen: 0.384 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21023

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	20.3	15.8	23.6

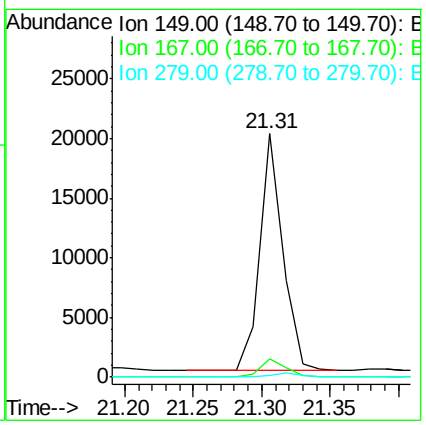


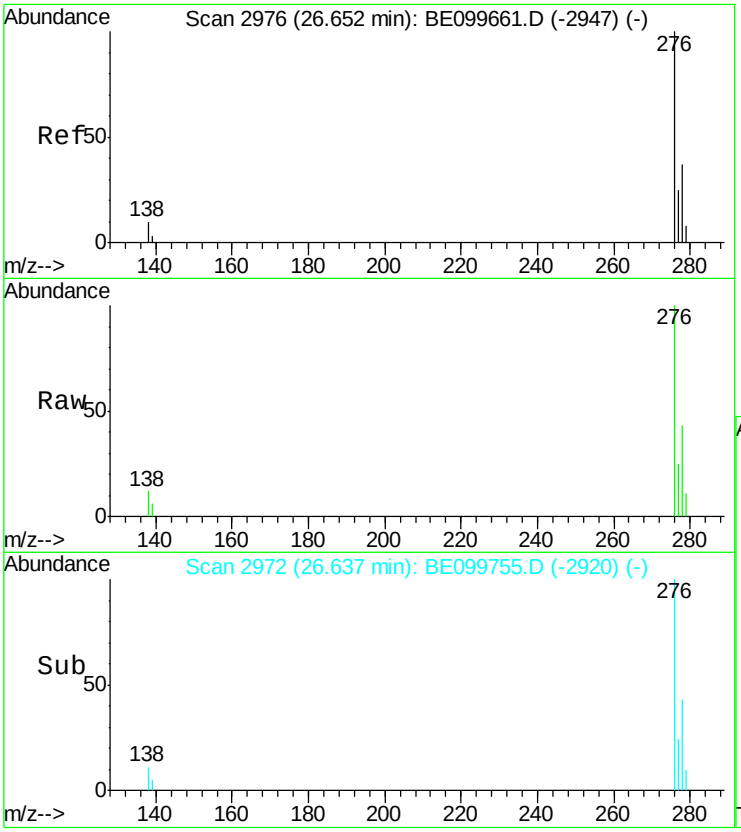


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:149 Resp: 23194

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.4	1.2	1.8



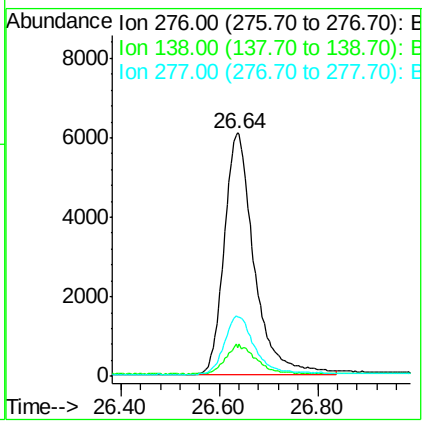


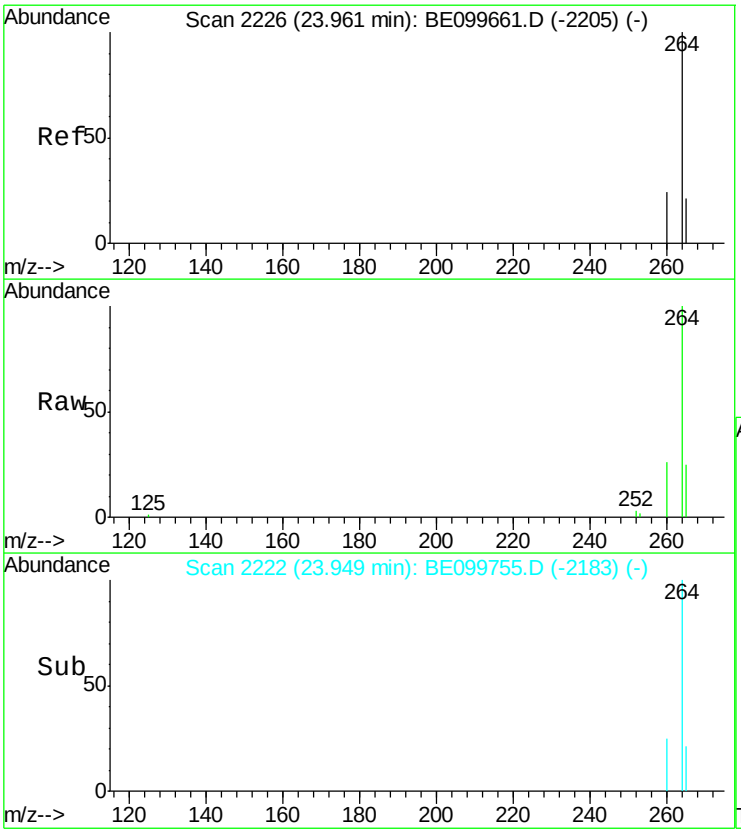
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25488

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.6	14.4
277	24.5	19.2	28.8

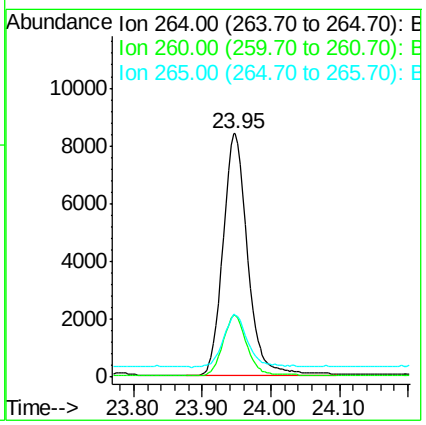


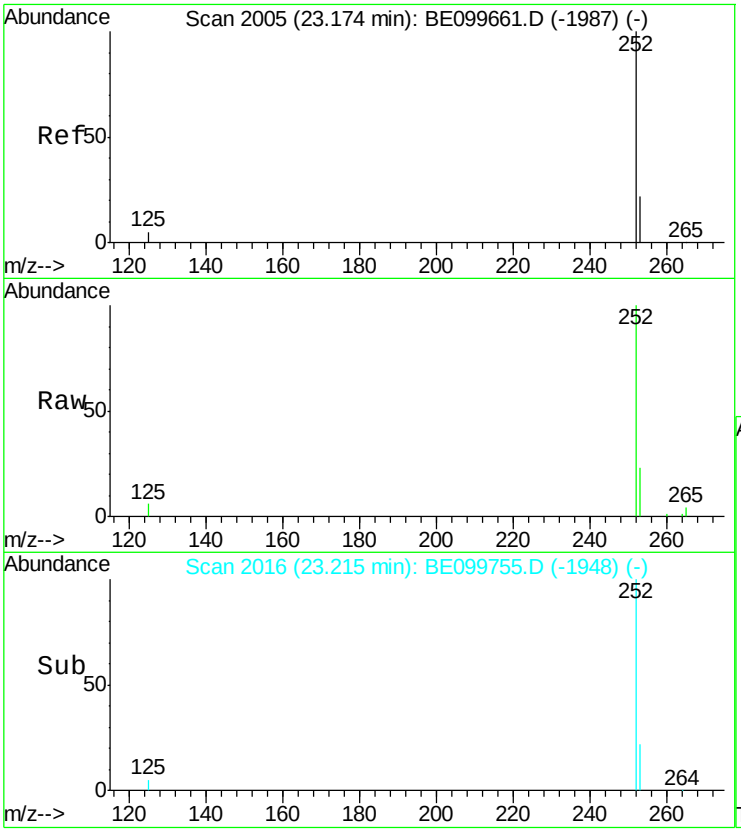


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:264 Resp: 21061

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	25.2	19.1	28.7



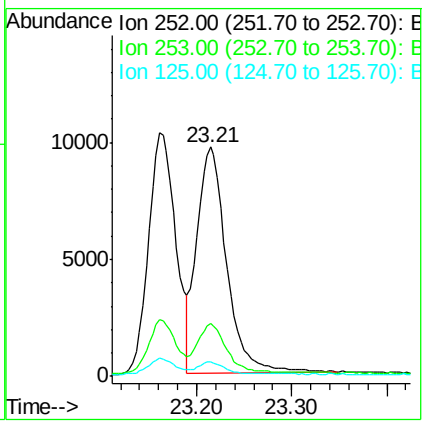


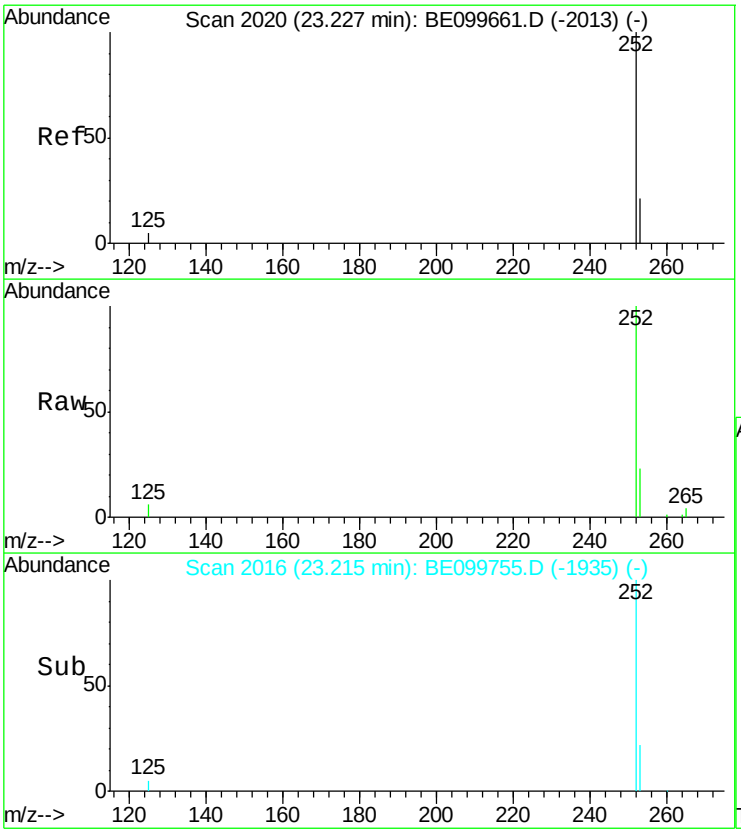
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.04 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21107

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	6.1	4.5	6.7

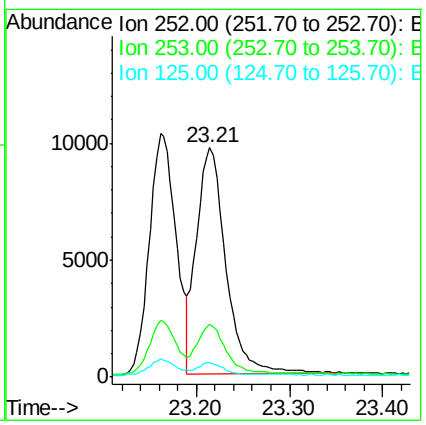


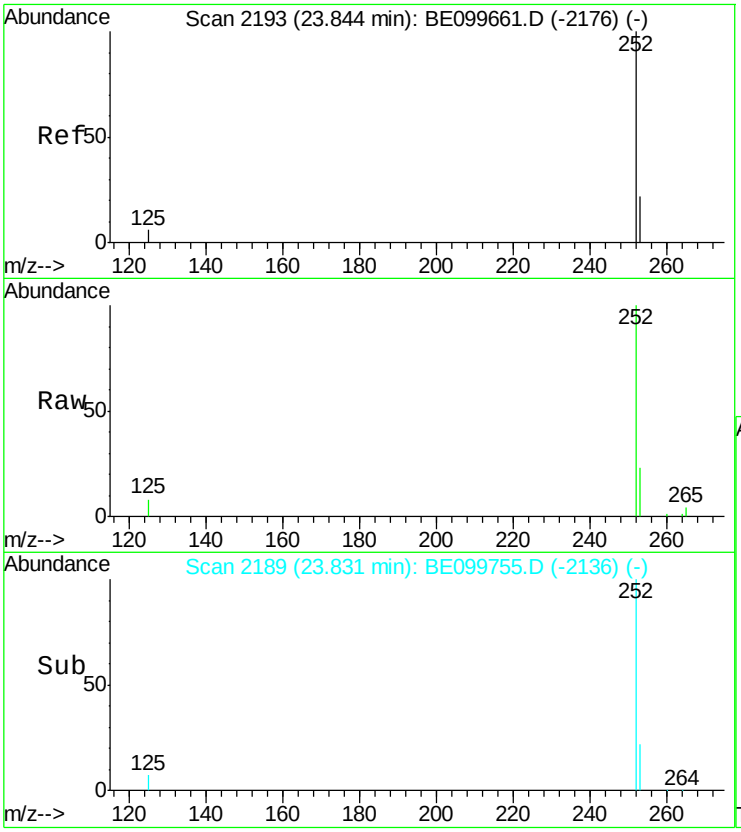


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.21 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:252 Resp: 21153

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	6.1	4.6	6.8



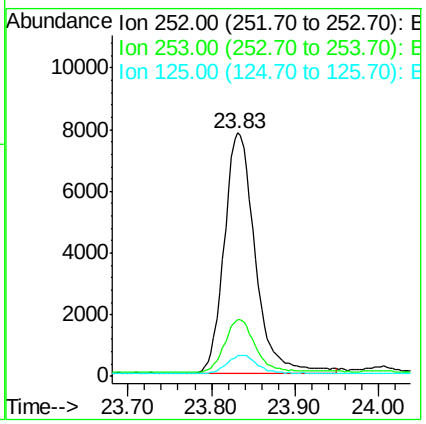


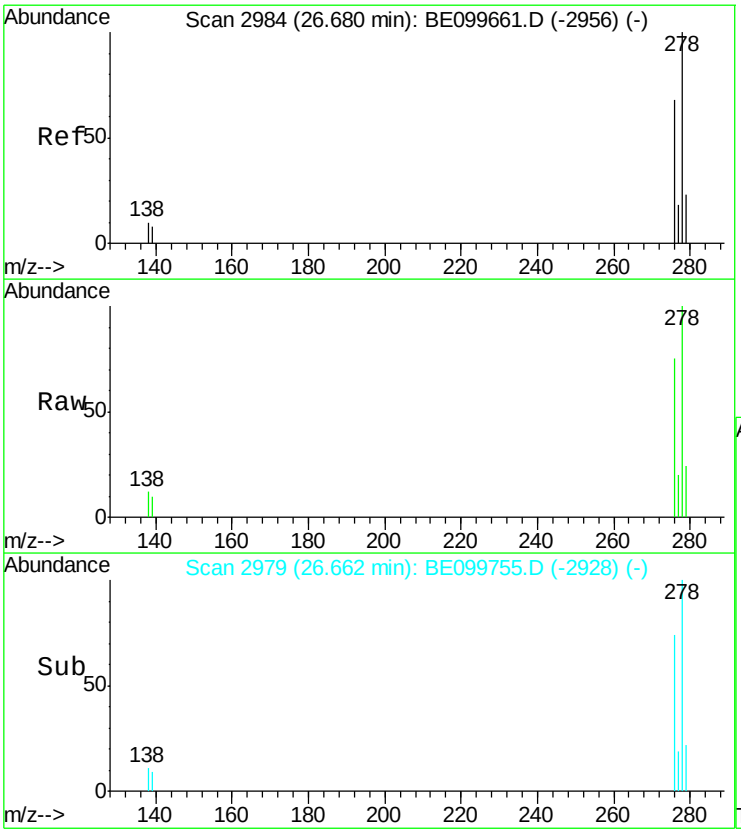
#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20009

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	8.4	5.4	8.0#

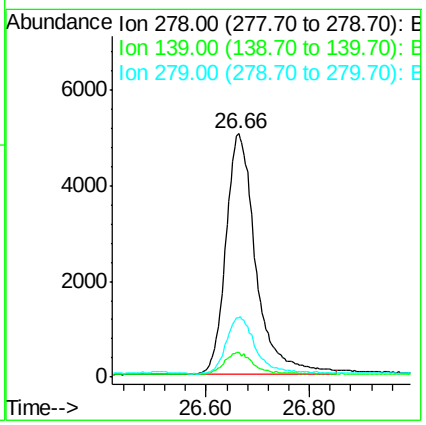


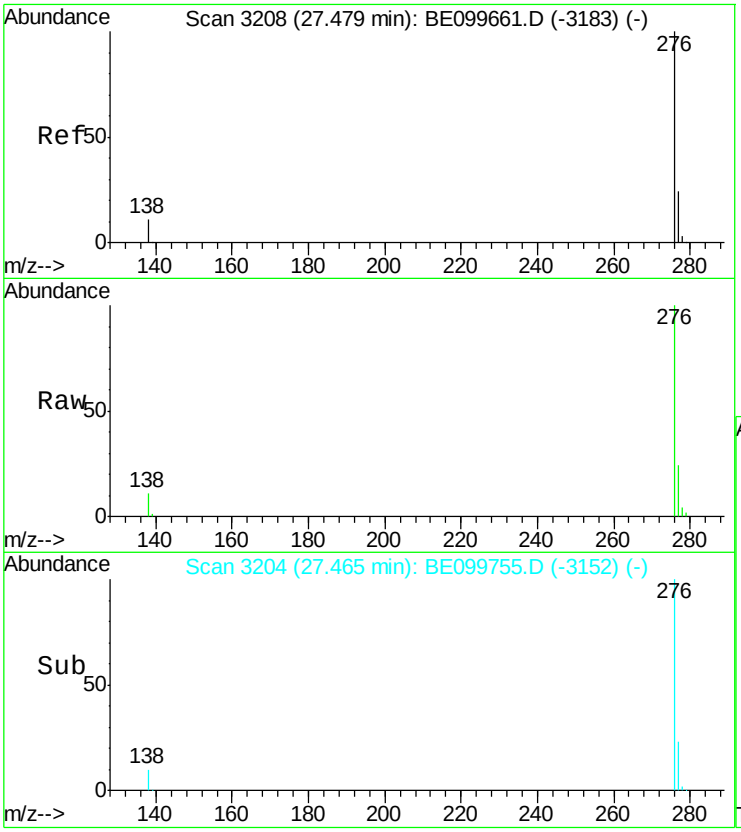


#38
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 26.66 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Tgt Ion:278 Resp: 20422

Ion	Ratio	Lower	Upper
278	100		
139	10.4	6.9	10.3#
279	24.2	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 27.46 min Scan# 3204
Delta R.T. -0.01 min
Lab File: BE099755.D
Acq: 28 May 2019 13:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20810

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.6
138	11.3	9.2	13.8