Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099185.D
Acq On : 25 Mar 2019 18:24
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 26 07:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3932	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	18532	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	13091	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	34503	0.40	ng		0.00
27) Chrysene-d12	21.39	240	38855	0.40	ng		0.00
34) Perylene-d12	23.90	264	36839	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4338	0.37	ng		0.00
5) Phenol-d6	6.99	99	6632	0.37	ng		0.00
8) Nitrobenzene-d5	8.99	82	5118	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	12544	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1139	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	19199	0.36	ng		0.00
25) Fluoranthene-d10	19.24	212	144767	0.35	ng		0.00
29) Terphenyl-d14	19.83	244	28265	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1867	0.360	ng		96
3) n-Nitrosodimethylamine	3.67	42	786	0.271	ng	#	97
6) bis(2-Chloroethyl)ether	7.27	93	5100	0.362	ng		100
9) Naphthalene	10.68	128	77649	0.355	ng		100
10) Hexachlorobutadiene	10.95	225	4139	0.355	ng		96
12) 2-Methylnaphthalene	12.29	142	13675	0.350	ng		99
16) Acenaphthylene	14.20	152	22373	0.335	ng		100
17) Acenaphthene	14.54	154	13963	0.350	ng		99
18) Fluorene	15.51	166	19280	0.343	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	7045	0.316	ng		99
21) Hexachlorobenzene	16.52	284	6965	0.324	ng		97
22) Pentachlorophenol	16.87	266	600	0.429	ng		95
23) Phenanthrene	17.26	178	34486	0.340	ng		99
24) Anthracene	17.35	178	29988	0.328	ng		99
26) Fluoranthene	19.27	202	43081	0.333	ng		100
28) Pyrene	19.63	202	44045	0.341	ng		100
30) Benzo(a)anthracene	21.37	228	42151	0.329	ng		99
31) Chrysene	21.43	228	46901	0.342	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	43674	0.286	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	37428	0.289	ng	#	87
35) Benzo(b)fluoranthene	23.12	252	38624	0.319	ng		98
36) Benzo(k)fluoranthene	23.17	252	44524	0.347	ng		99
37) Benzo(a)pyrene	23.78	252	38089	0.336	ng		99
38) Dibenzo(a,h)anthracene	26.58	278	29349	0.292	ng		96
39) Benzo(g,h,i)perylene	27.38	276	29975	0.297	ng		98

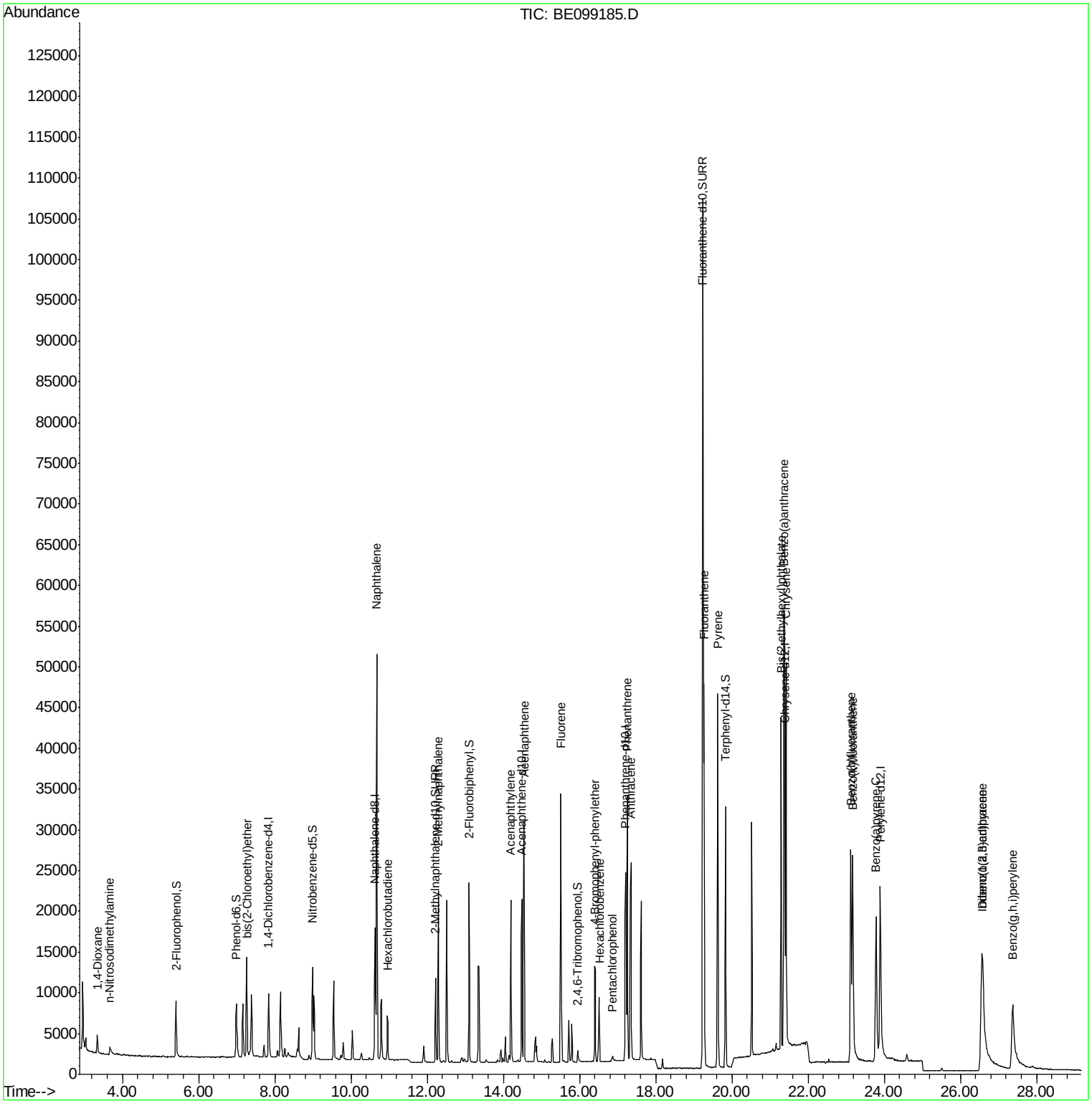
(#) = qualifier out of range (m) = manual integration (+) = signals summed

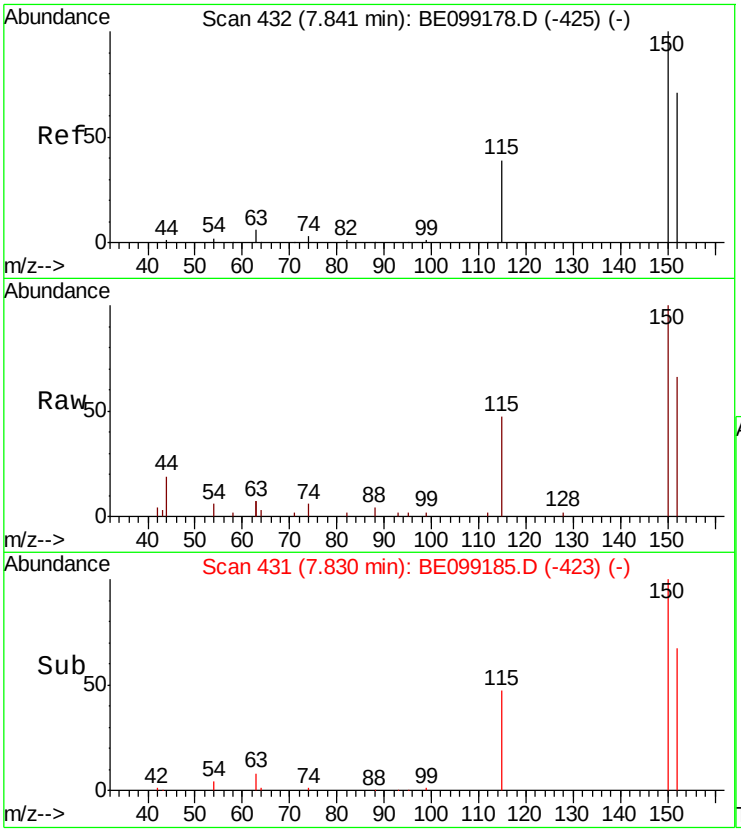
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099185.D
Acq On : 25 Mar 2019 18:24
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 26 07:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



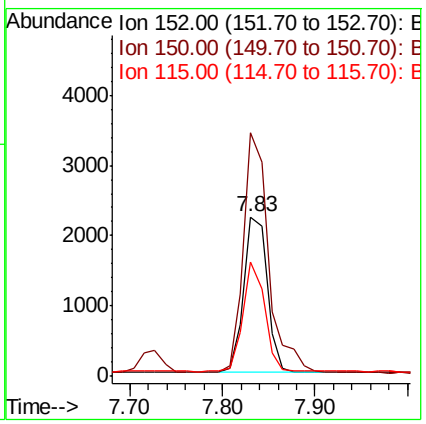


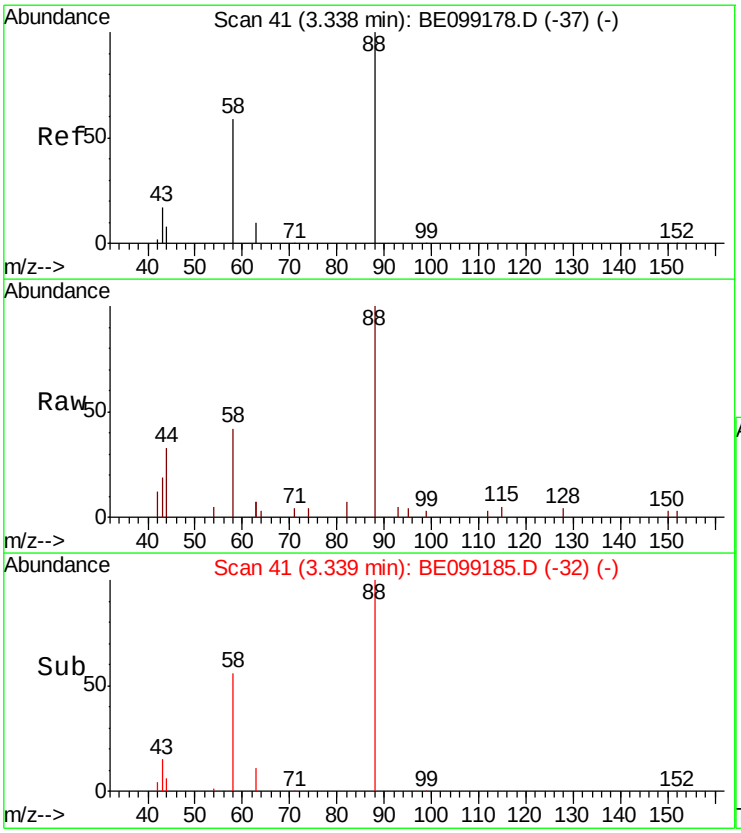
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3932

Ion	Ratio	Lower	Upper
152	100		
150	152.4	112.8	169.2
115	71.6	45.1	67.7#

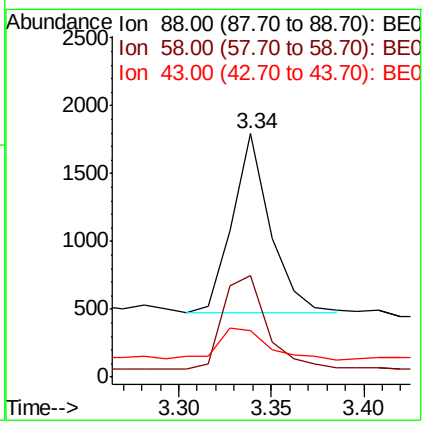


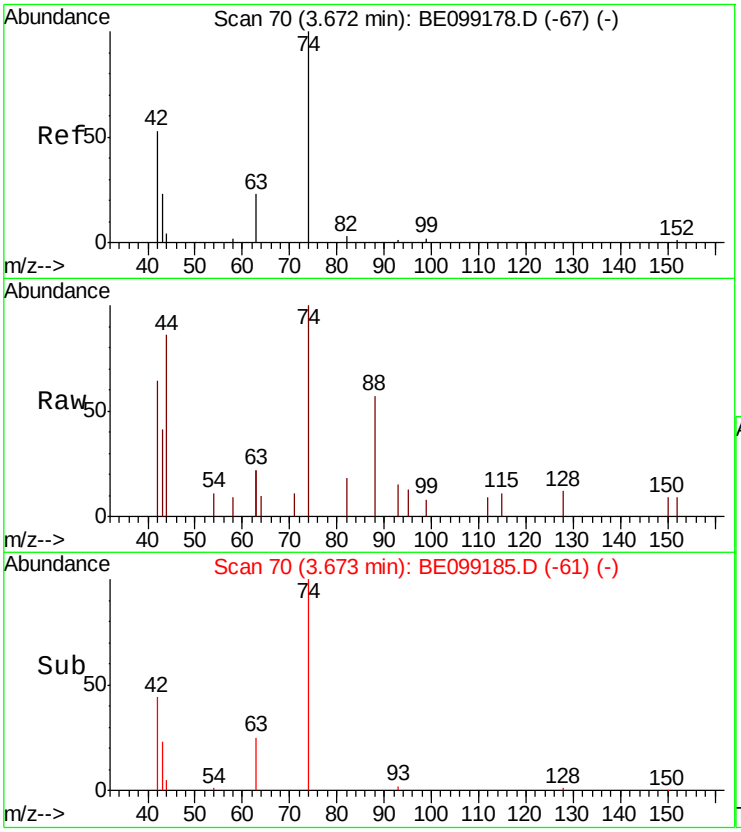


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion: 88 Resp: 1867

Ion	Ratio	Lower	Upper
88	100		
58	61.1	47.4	71.0
43	22.7	15.6	23.4



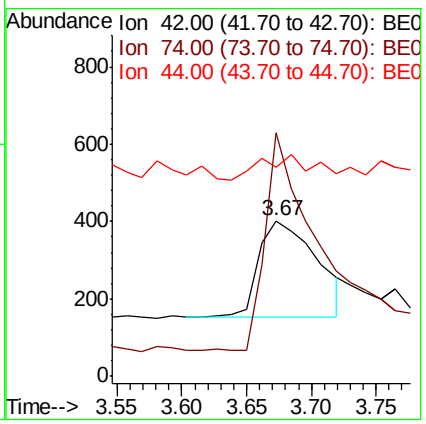


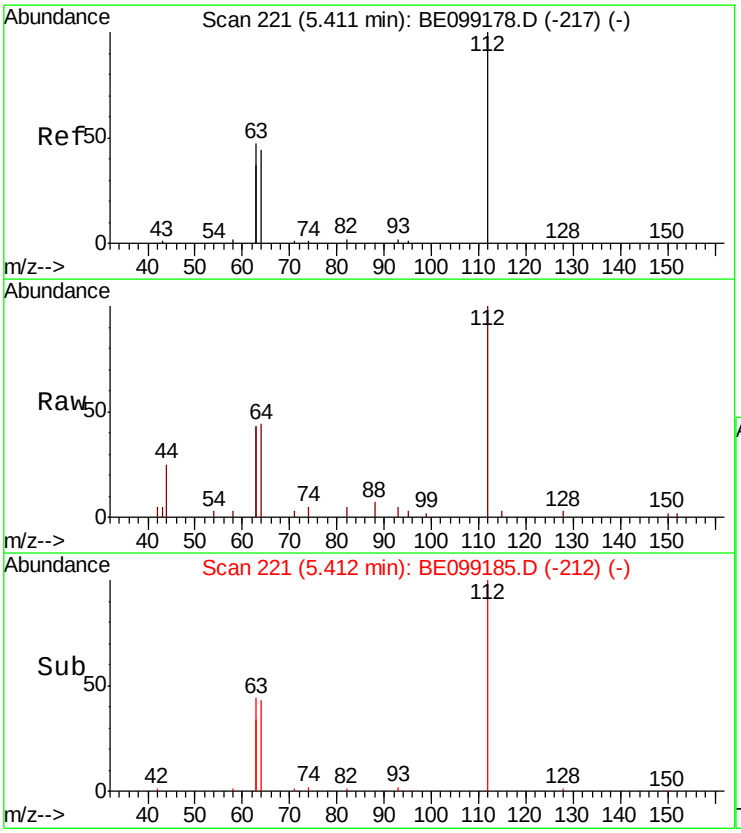
#3
n-Nitrosodimethylamine
Concen: 0.271 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 786

Ion	Ratio	Lower	Upper
42	100		
74	176.7	138.6	207.8
44	24.2	15.0	22.6#

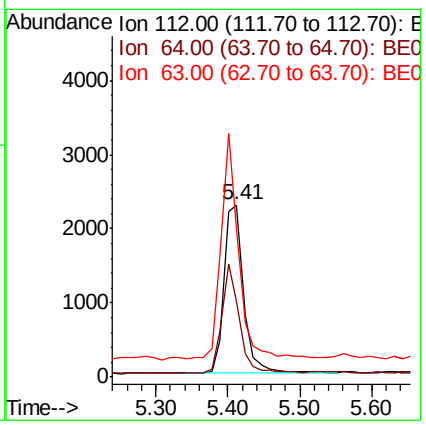


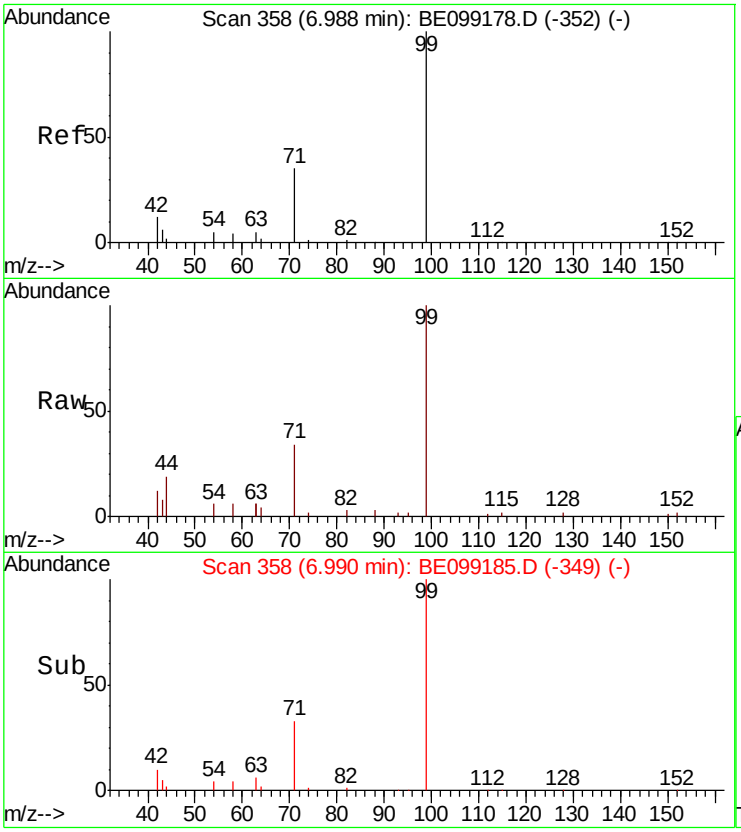


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:112 Resp: 4338

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.2	69.2
63	119.6	89.9	134.9



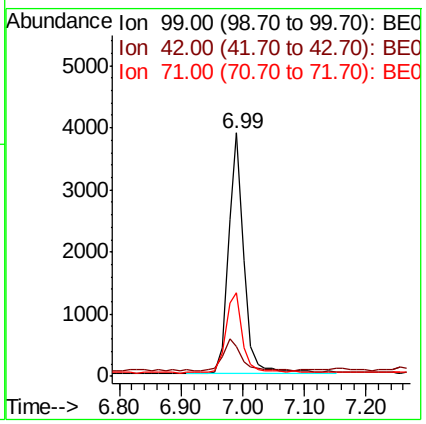


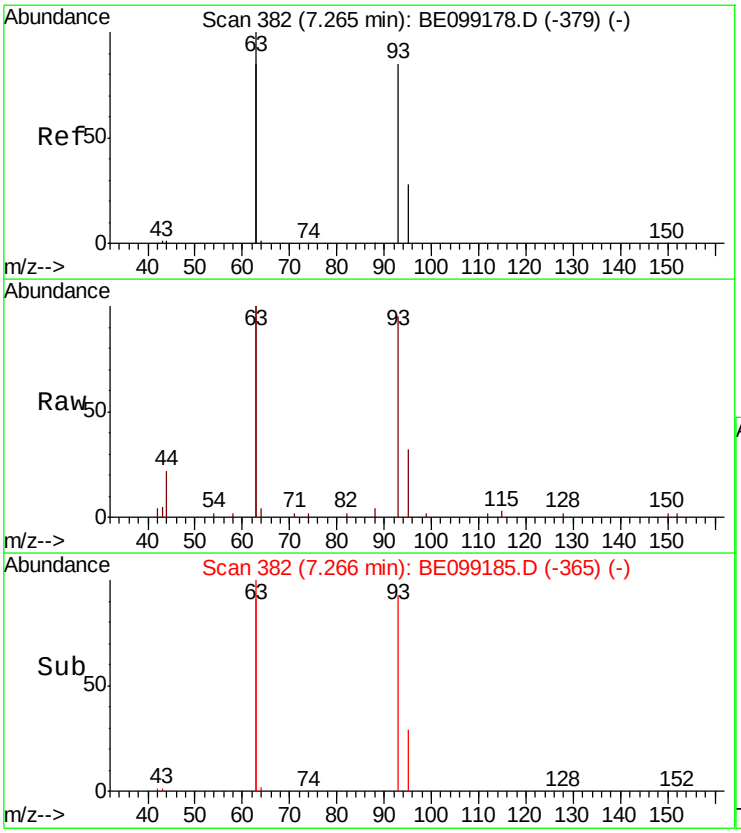
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6632

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.4	18.6
71	37.0	28.4	42.6

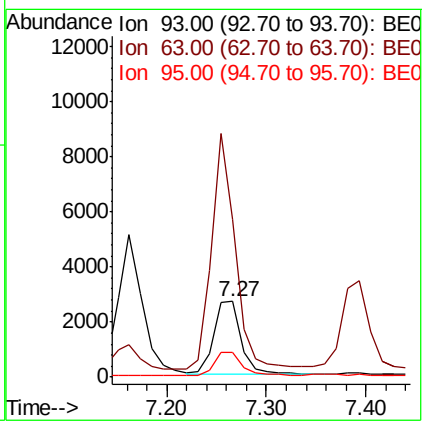


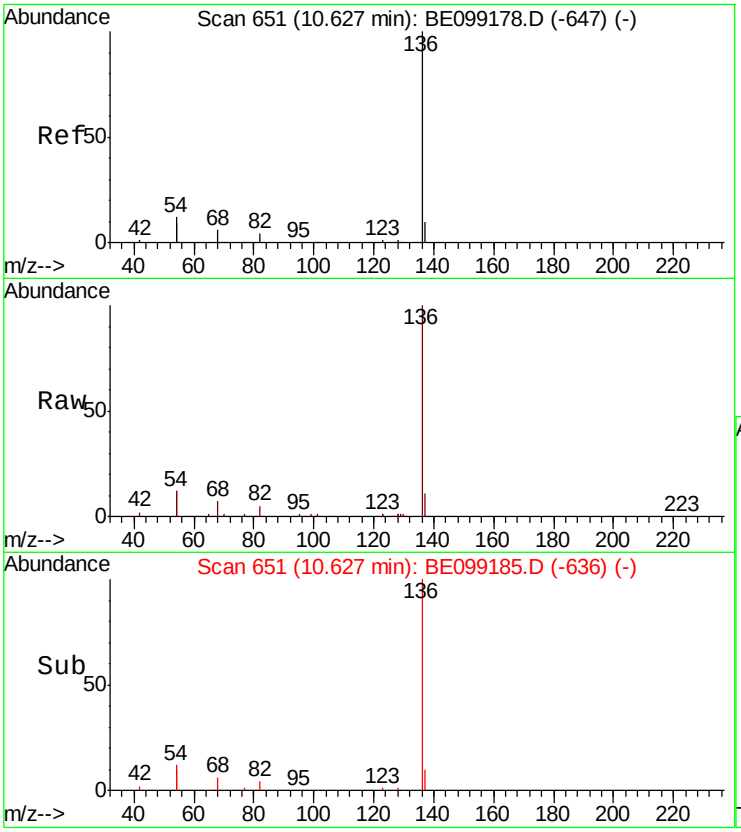


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.27 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion: 93 Resp: 5100

Ion	Ratio	Lower	Upper
93	100		
63	276.2	221.4	332.0
95	31.6	25.8	38.8



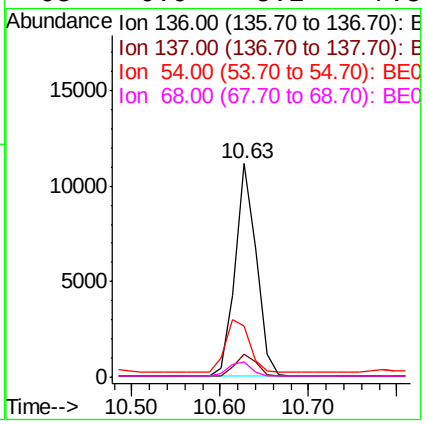


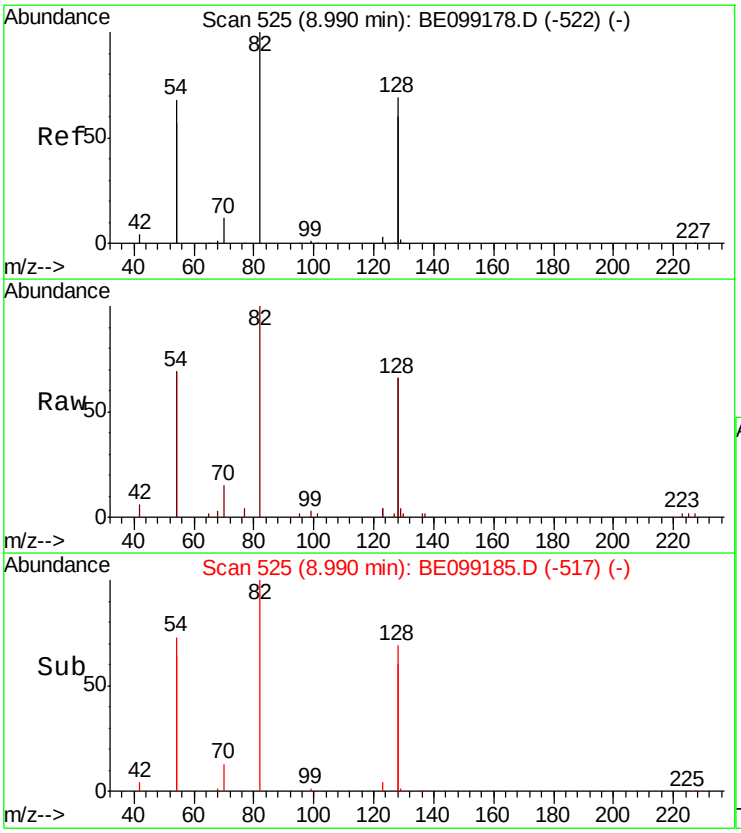
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 18532

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	23.9	18.7	28.1
68	6.9	5.2	7.8

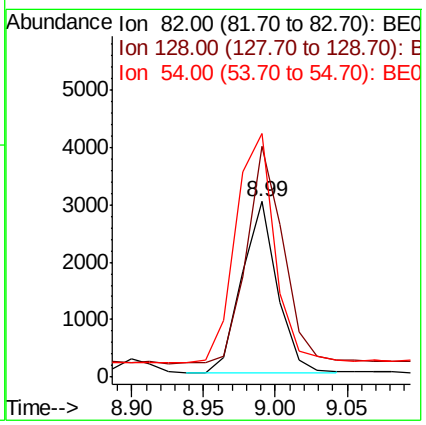


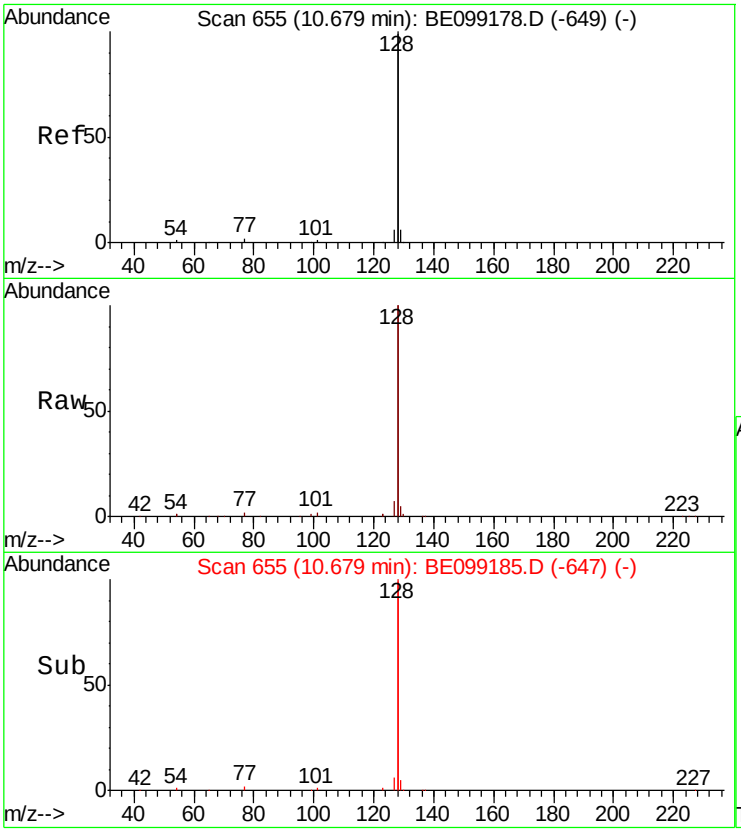


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion: 82 Resp: 5118

Ion	Ratio	Lower	Upper
82	100		
128	131.8	107.5	161.3
54	138.9	106.3	159.5



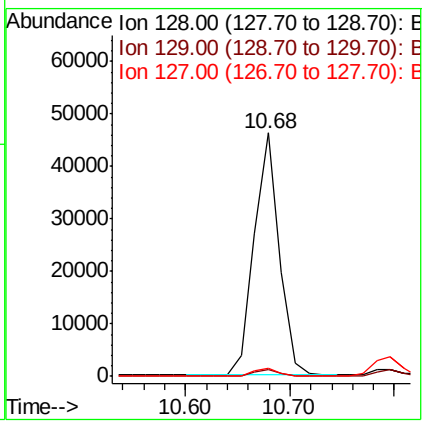


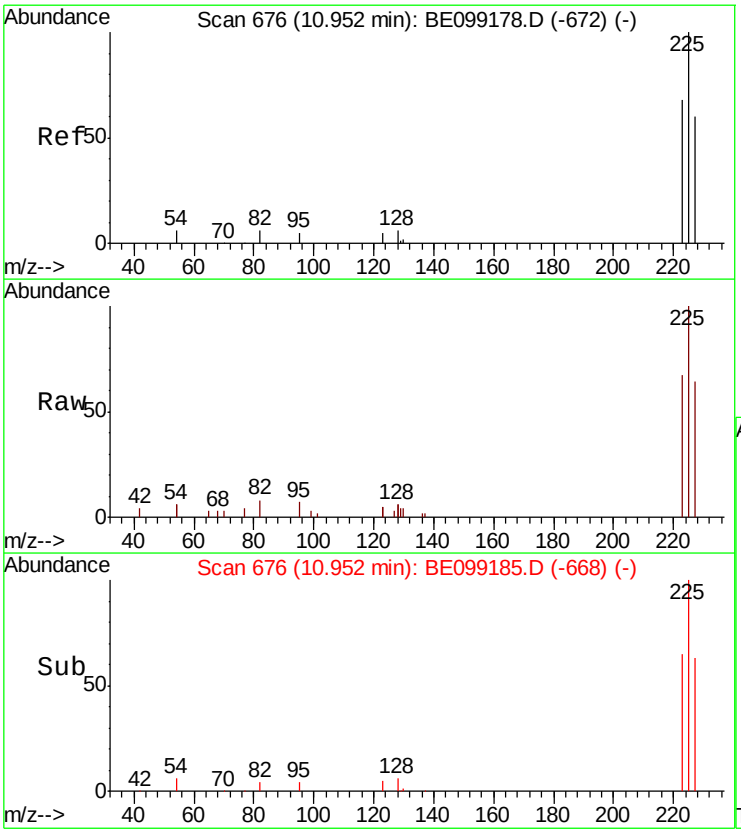
#9
Naphthalene
Concen: 0.355 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 77649

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.3	2.6	3.8

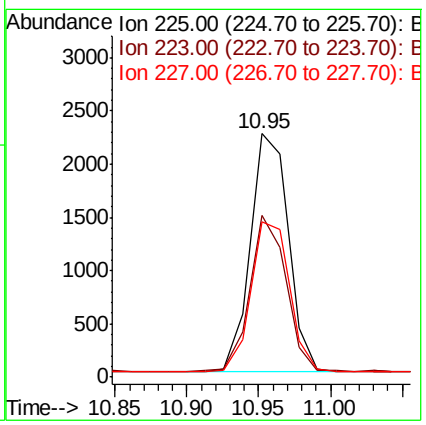


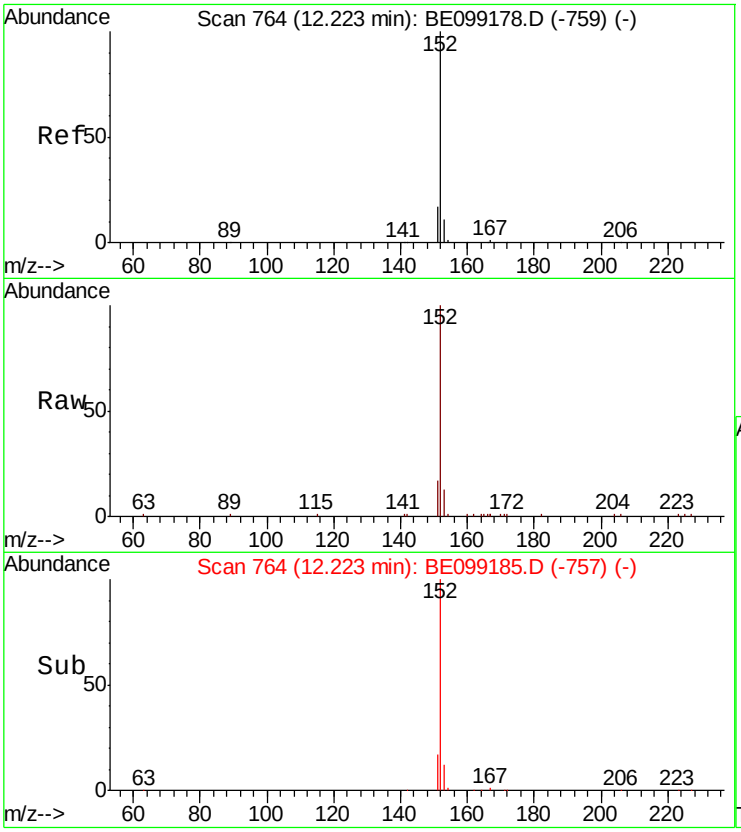


#10
Hexachlorobutadiene
Concen: 0.355 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:225 Resp: 4139

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.3	76.9
227	64.0	48.6	73.0



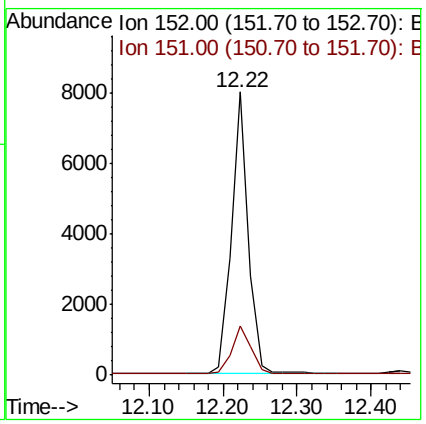


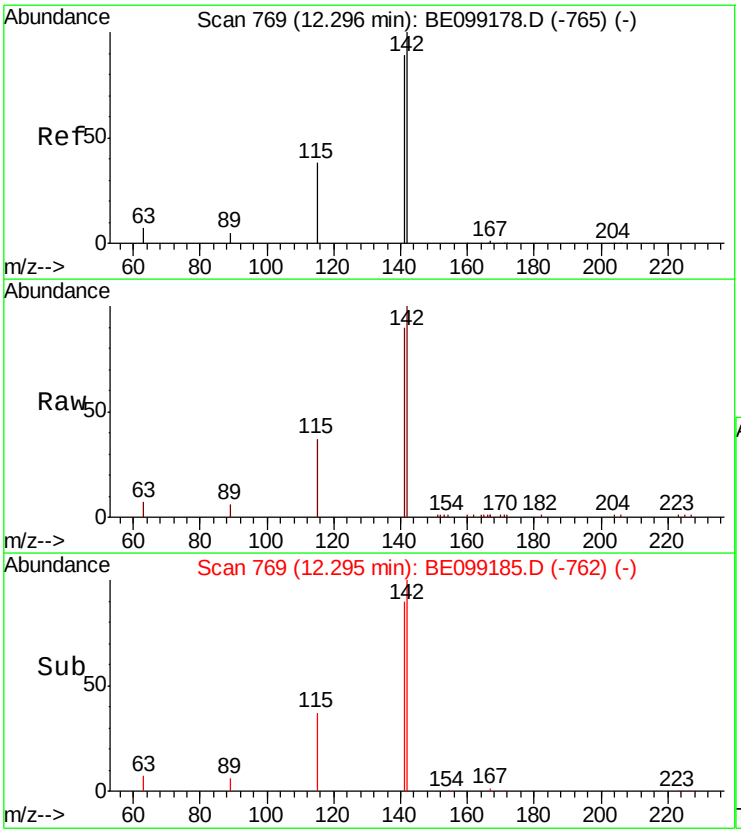
#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12544

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

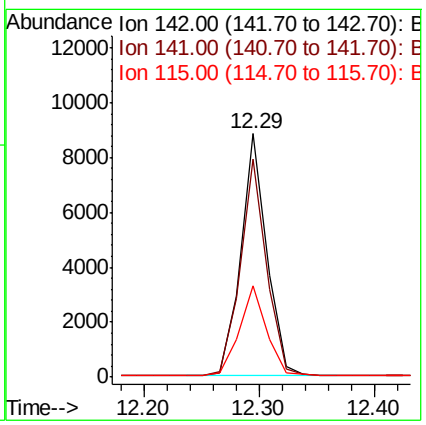


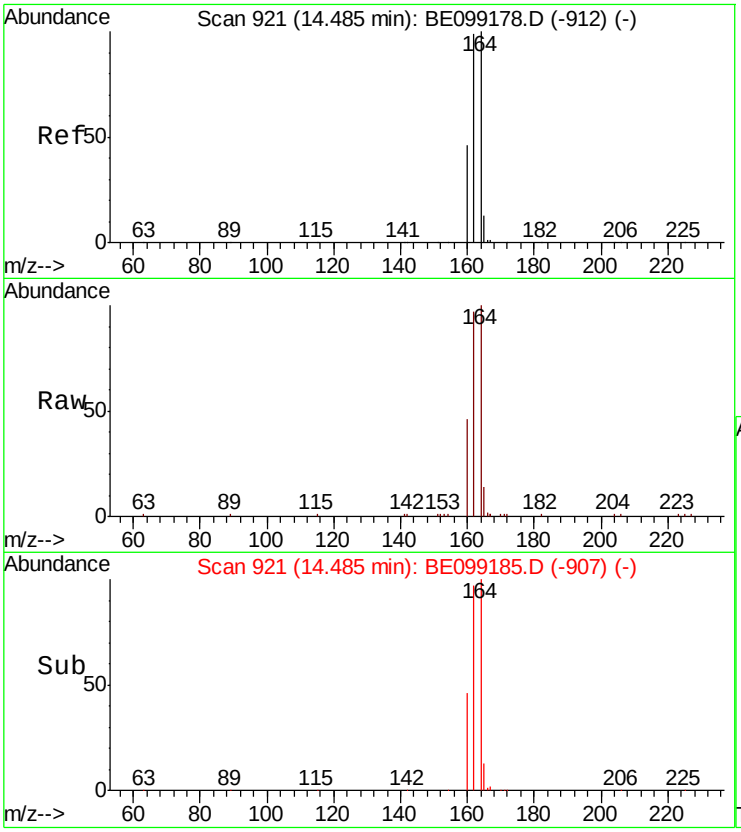


#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:142 Resp: 13675

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	37.4	30.4	45.6



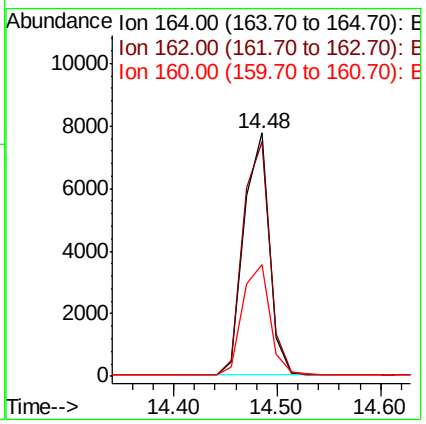


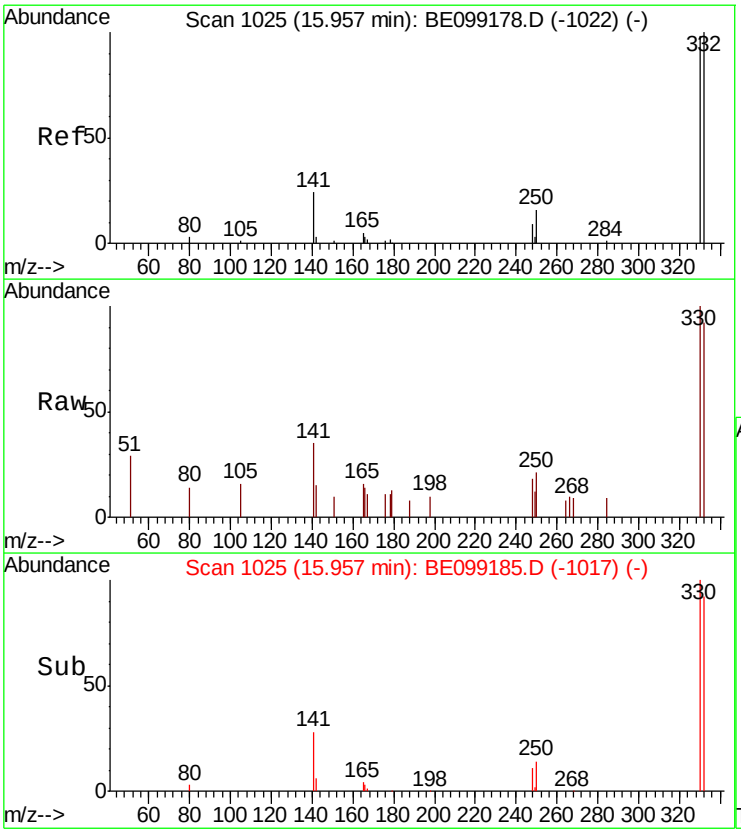
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 13091

Ion	Ratio	Lower	Upper
164	100		
162	96.6	79.2	118.8
160	46.1	36.7	55.1

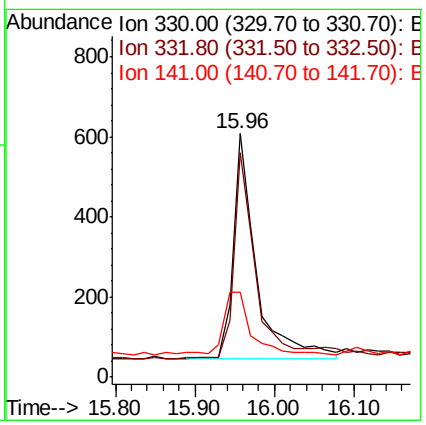


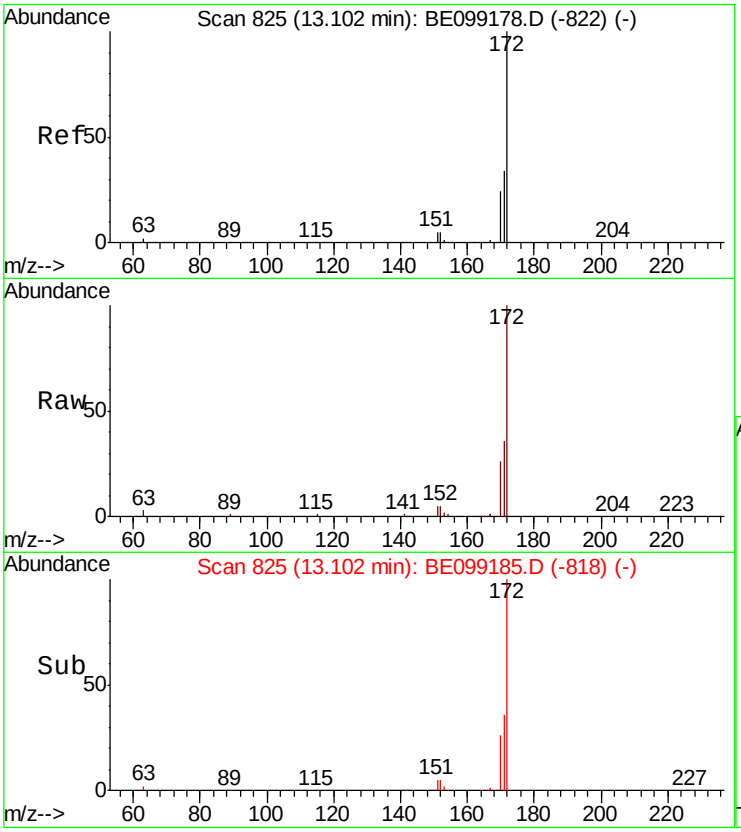


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:330 Resp: 1139

Ion	Ratio	Lower	Upper
330	100		
332	83.8	71.3	106.9
141	33.2	21.7	32.5#



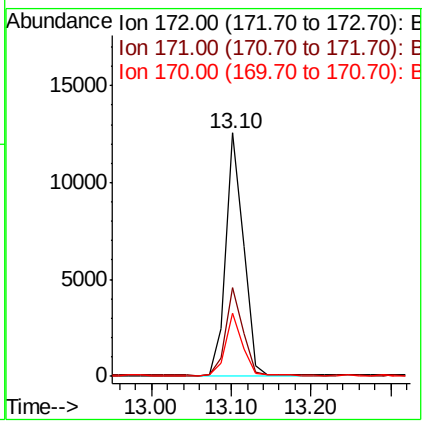


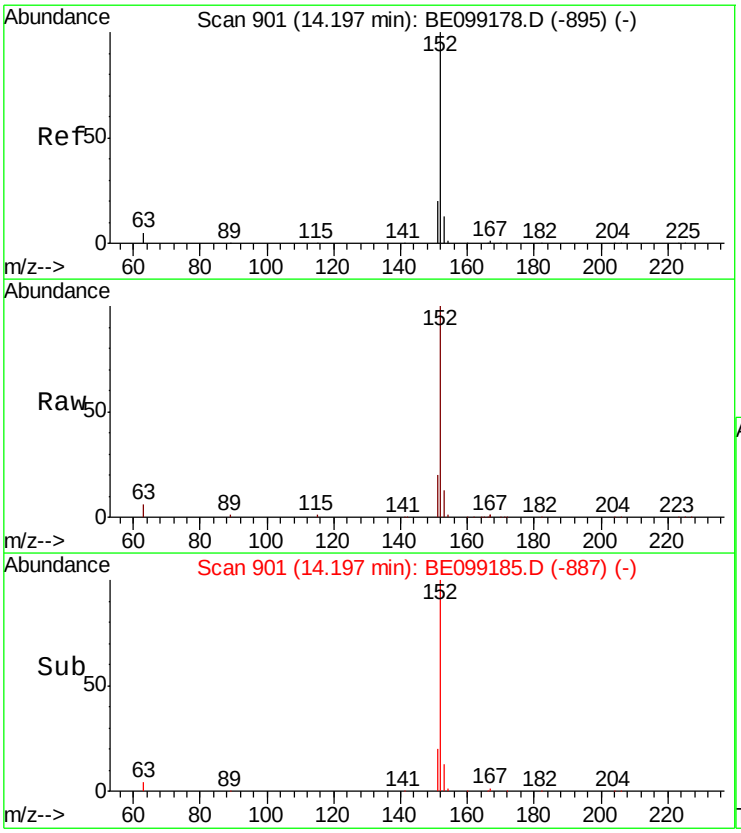
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 19199

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.4	41.0
170	26.1	19.1	28.7

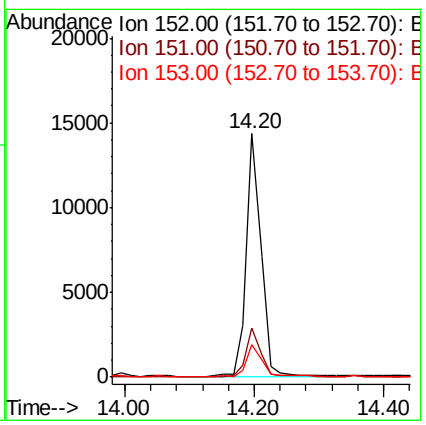


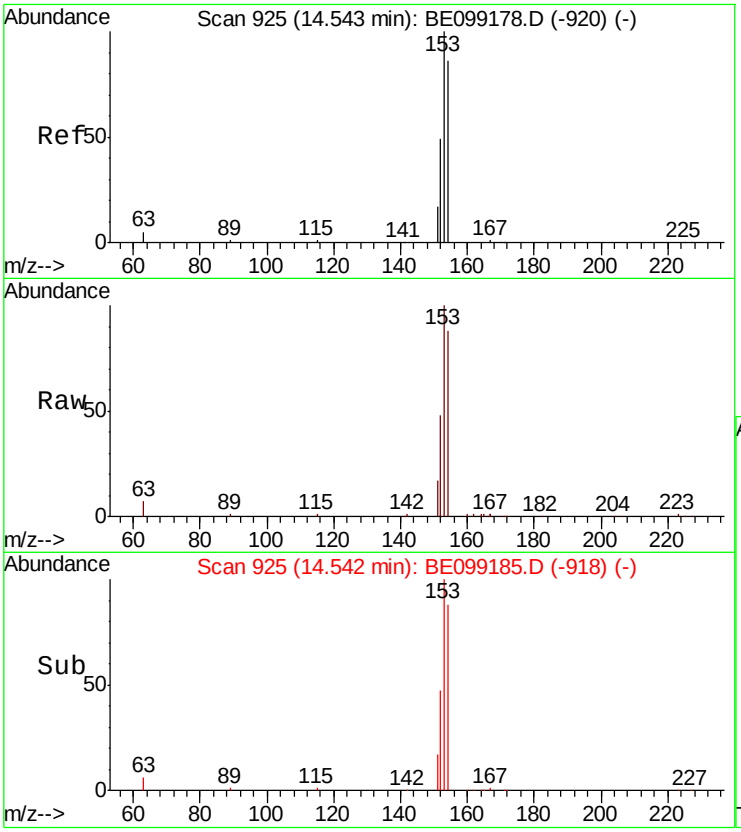


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:152 Resp: 22373

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.3	10.6	15.8



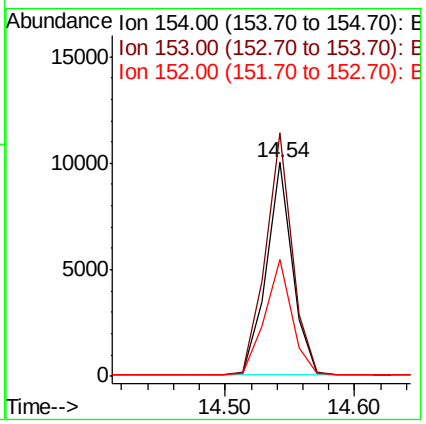


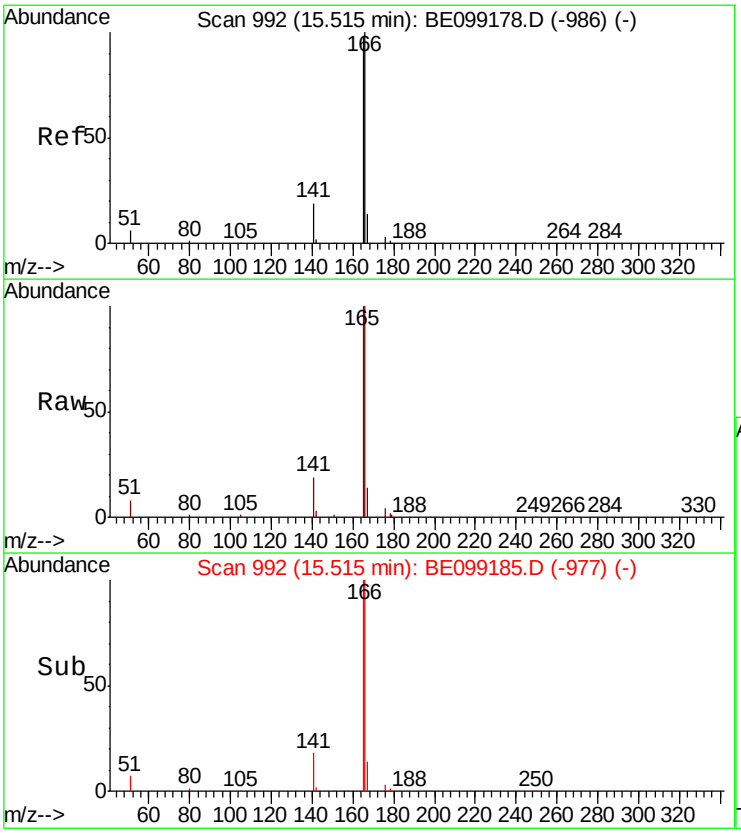
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13963

Ion	Ratio	Lower	Upper
154	100		
153	117.2	93.4	140.0
152	56.6	46.6	69.8

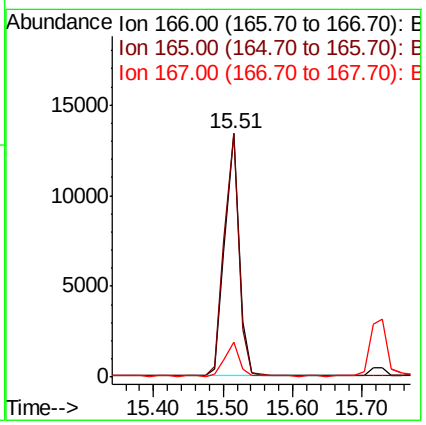


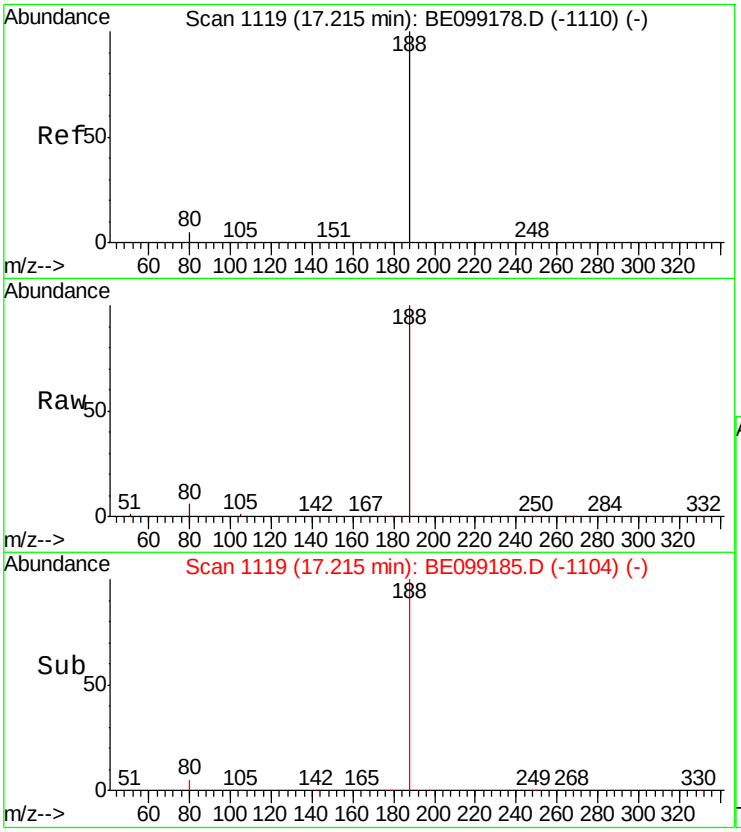


#18
Fluorene
Concen: 0.343 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:166 Resp: 19280

Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.9	118.3
167	13.9	10.9	16.3



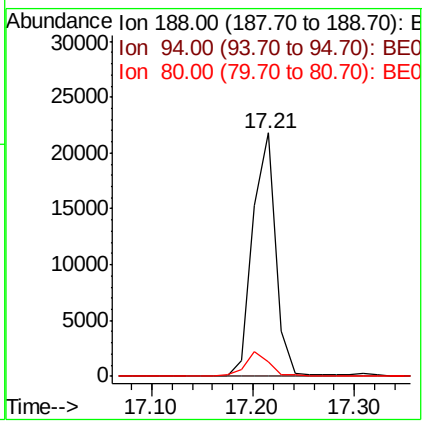


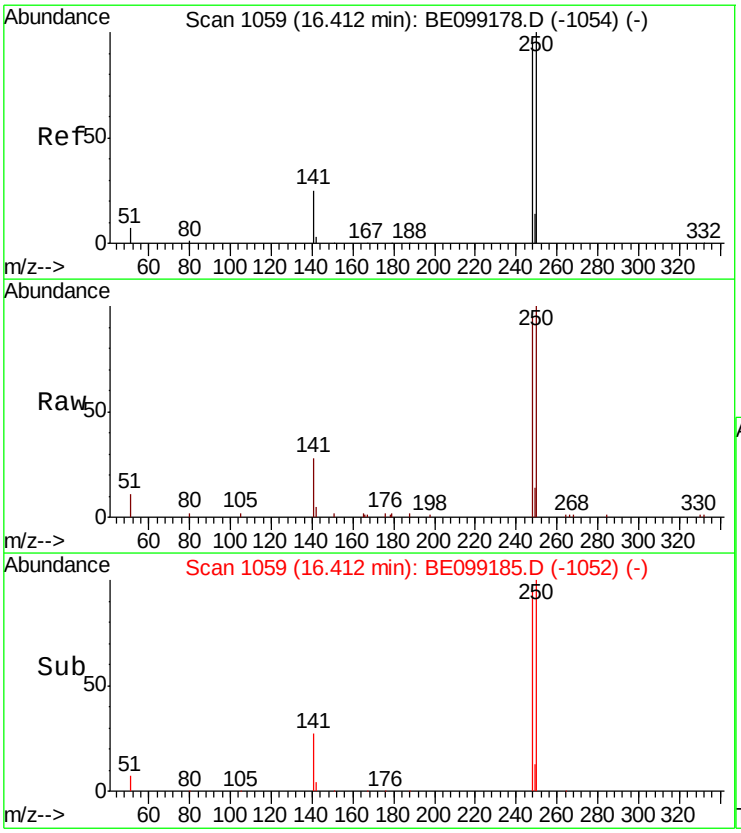
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 34503

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	4.5	6.7

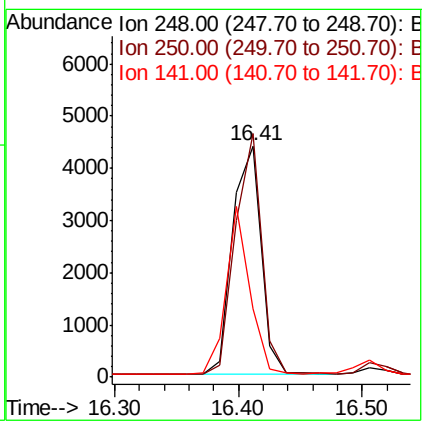


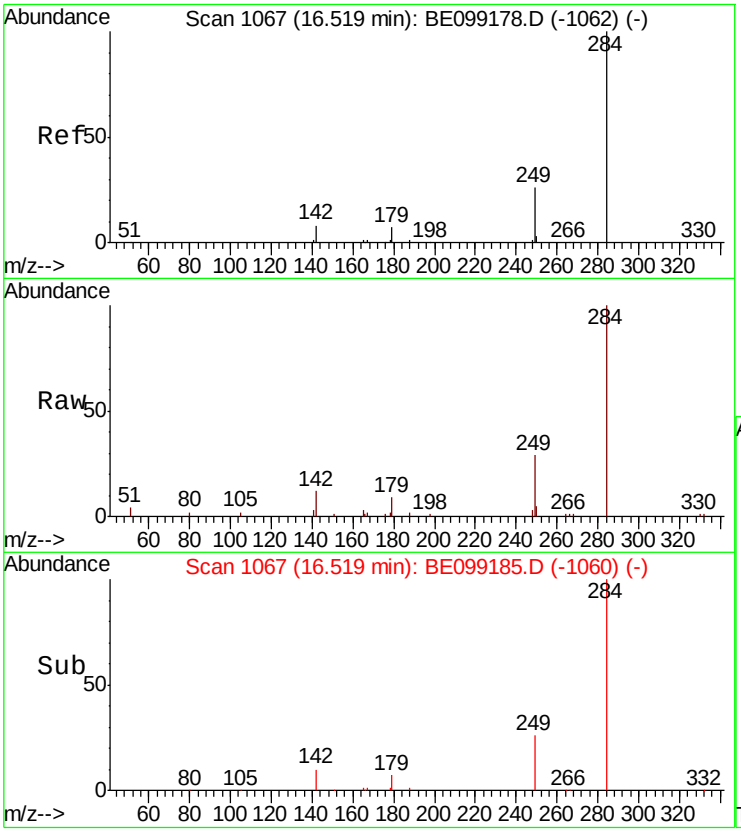


#20
4-Bromophenyl-phenylether
Concen: 0.316 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:248 Resp: 7045

Ion	Ratio	Lower	Upper
248	100		
250	105.4	84.2	126.2
141	29.5	21.8	32.6



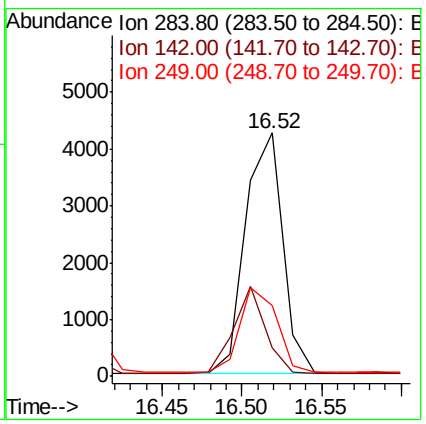


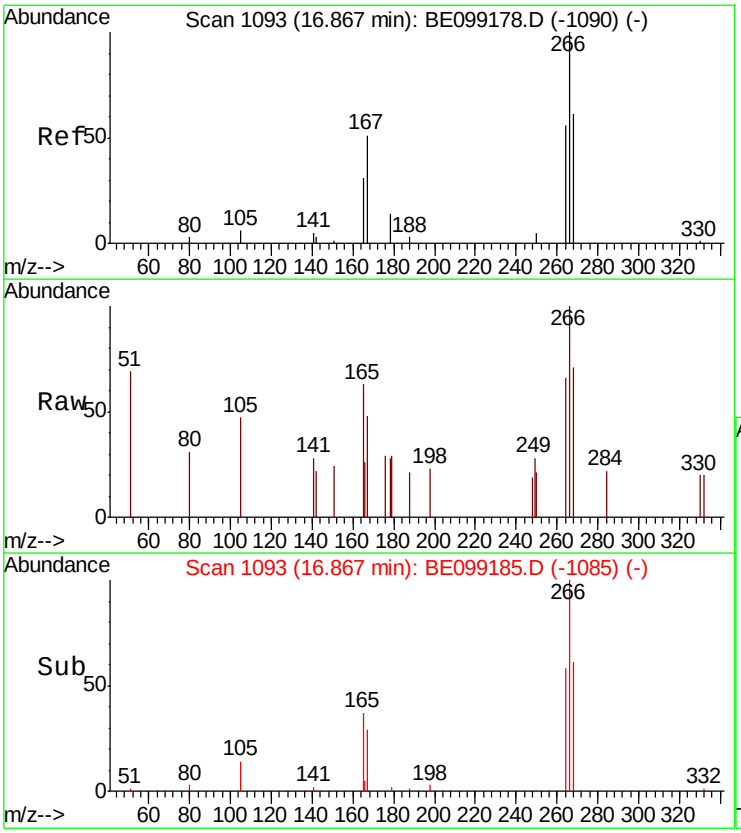
#21
Hexachlorobenzene
Concen: 0.324 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6965

Ion	Ratio	Lower	Upper
284	100		
142	30.4	22.7	34.1
249	34.6	26.9	40.3

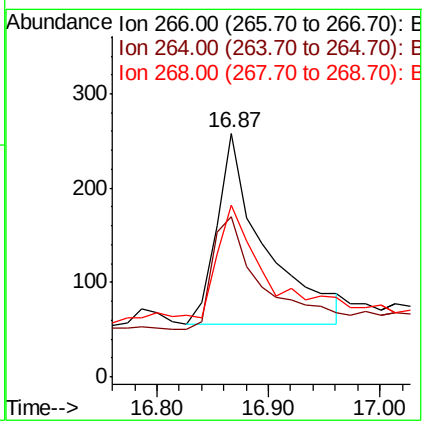


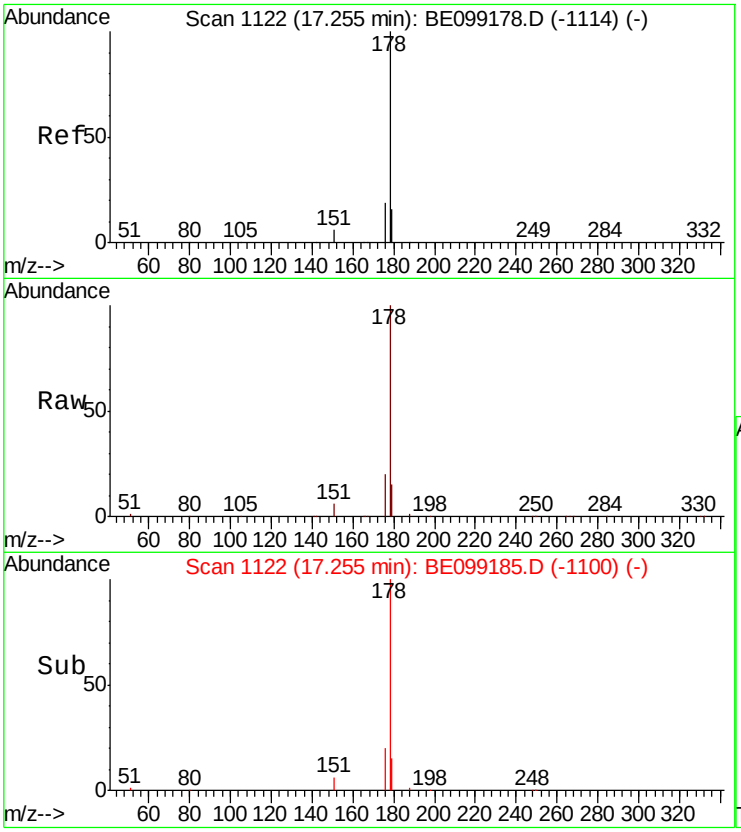


#22
Pentachlorophenol
Concen: 0.429 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:266 Resp: 600

Ion	Ratio	Lower	Upper
266	100		
264	65.9	54.4	81.6
268	70.5	61.3	91.9



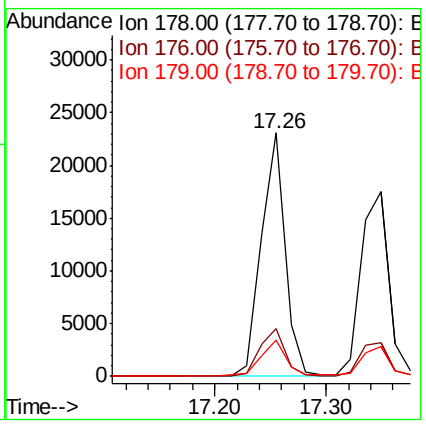


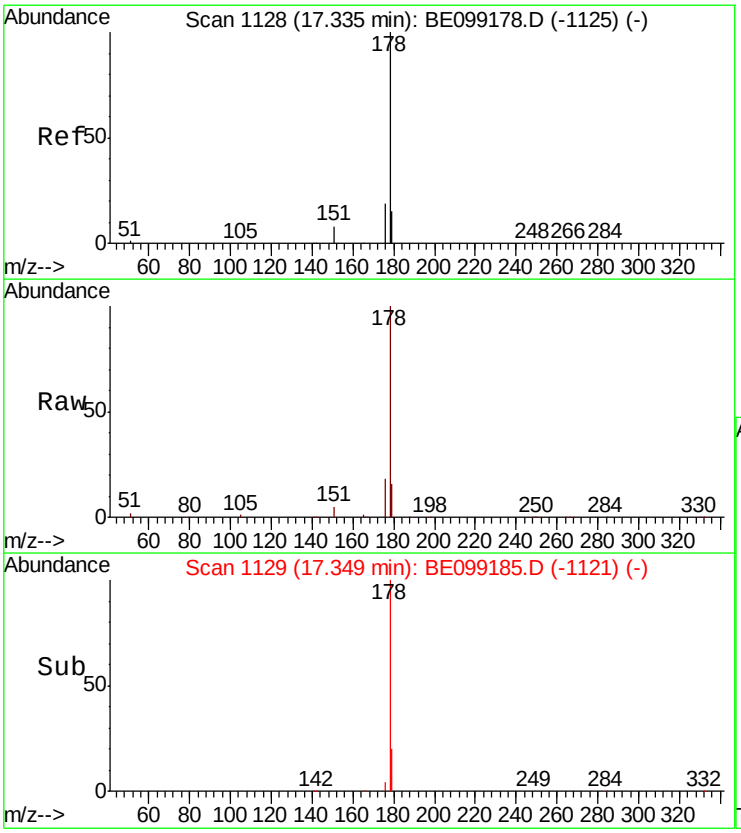
#23
Phenanthrene
Concen: 0.340 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 34486

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	14.9	12.3	18.5

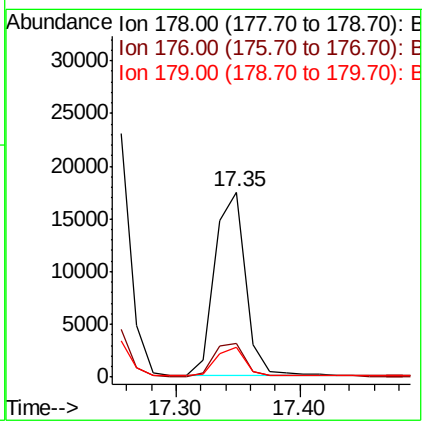


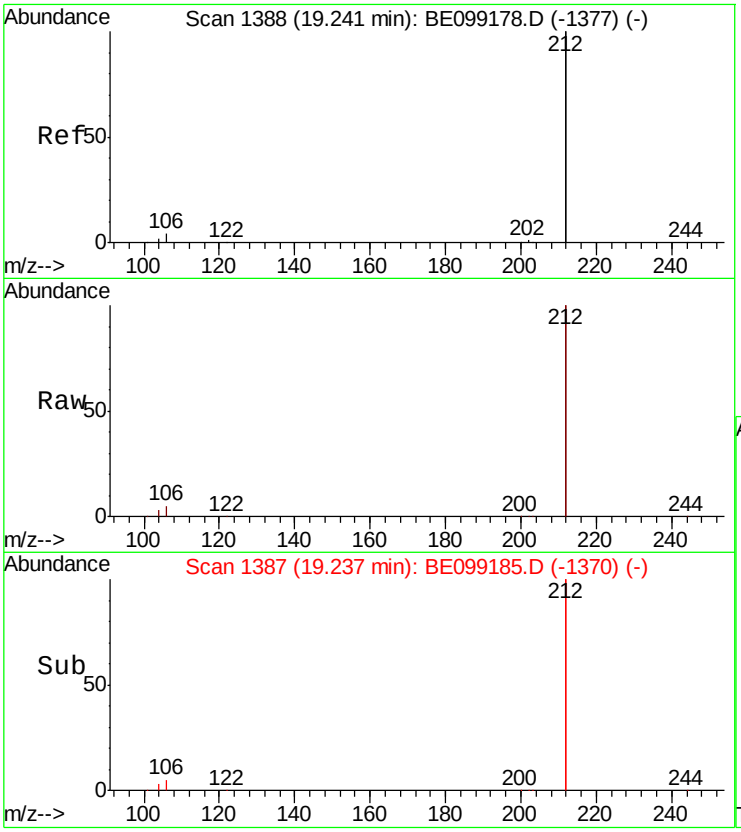


#24
Anthracene
Concen: 0.328 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:178 Resp: 29988

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.2	12.4	18.6



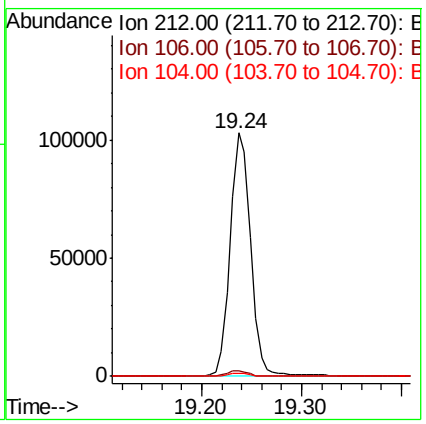


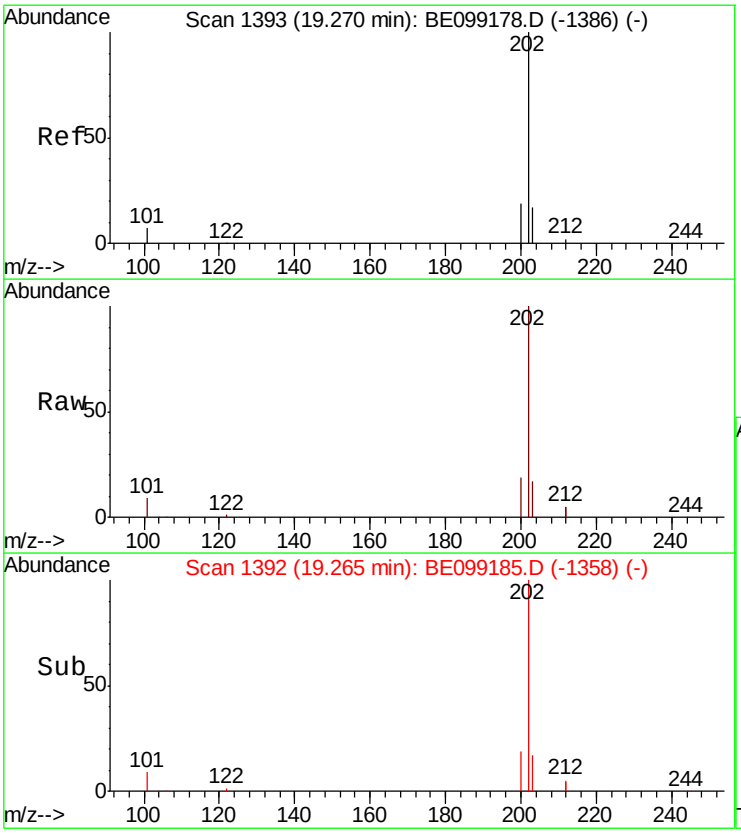
#25
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 144767

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.1	1.7

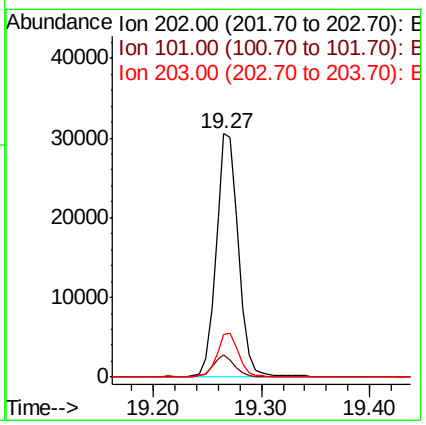


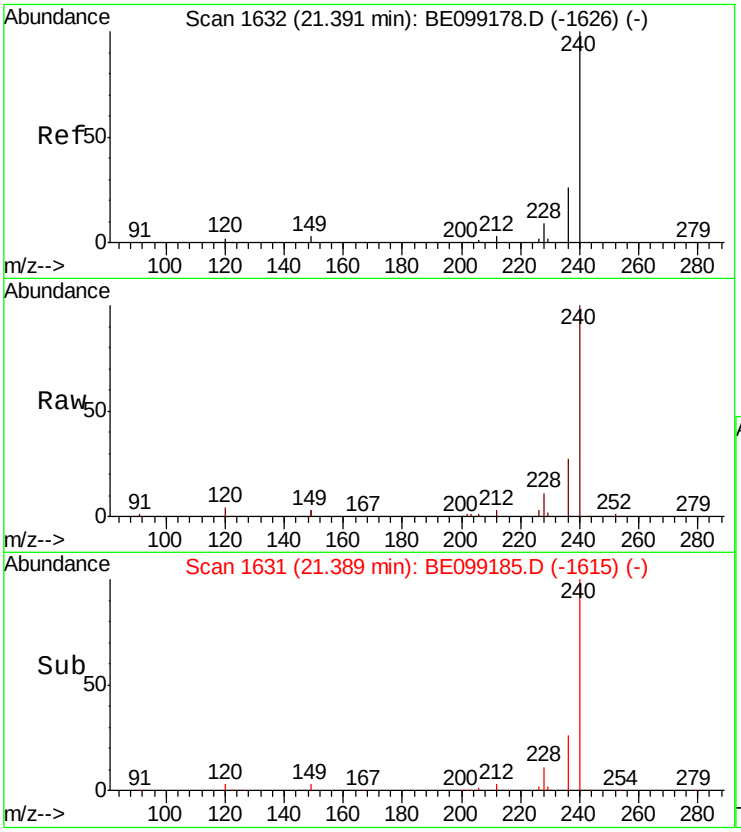


#26
Fluoranthene
Concen: 0.333 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:202 Resp: 43081

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
203	17.2	13.8	20.6



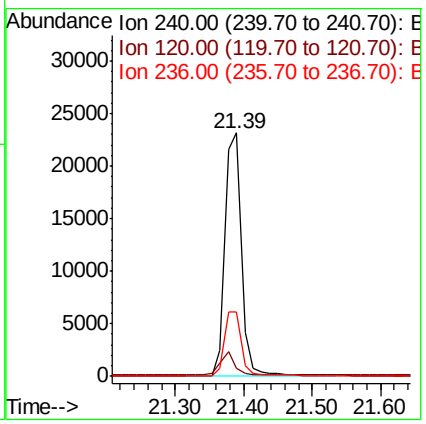


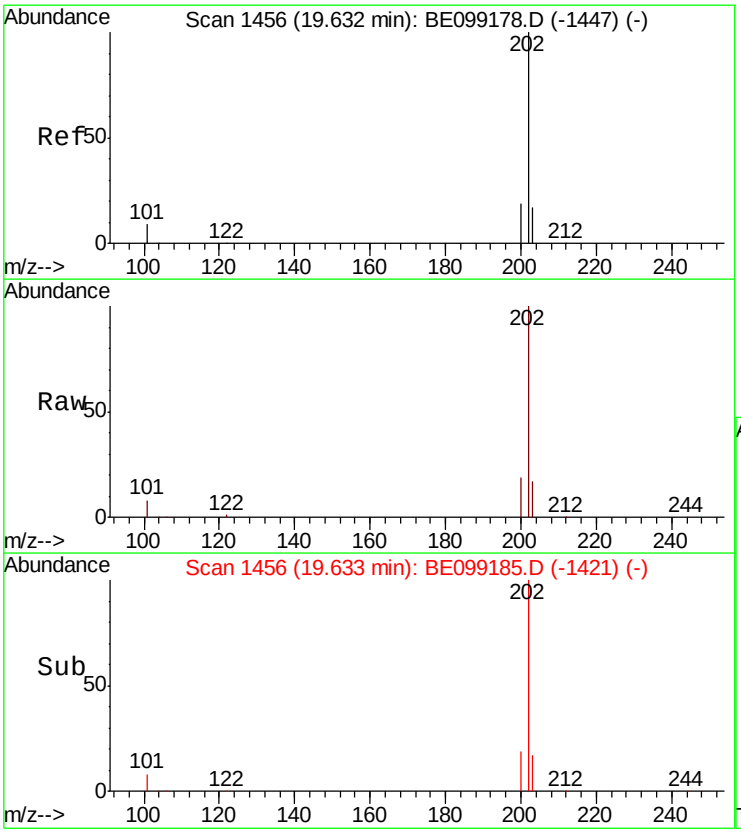
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 38855

Ion	Ratio	Lower	Upper
240	100		
120	3.5	2.6	3.8
236	26.6	20.9	31.3

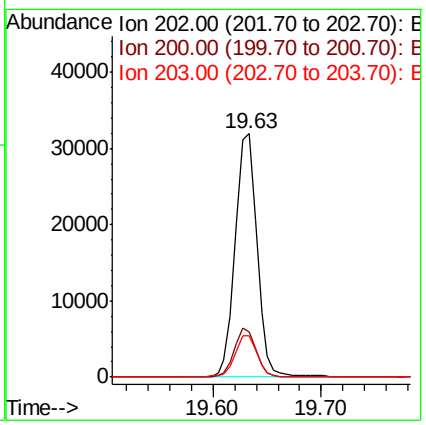


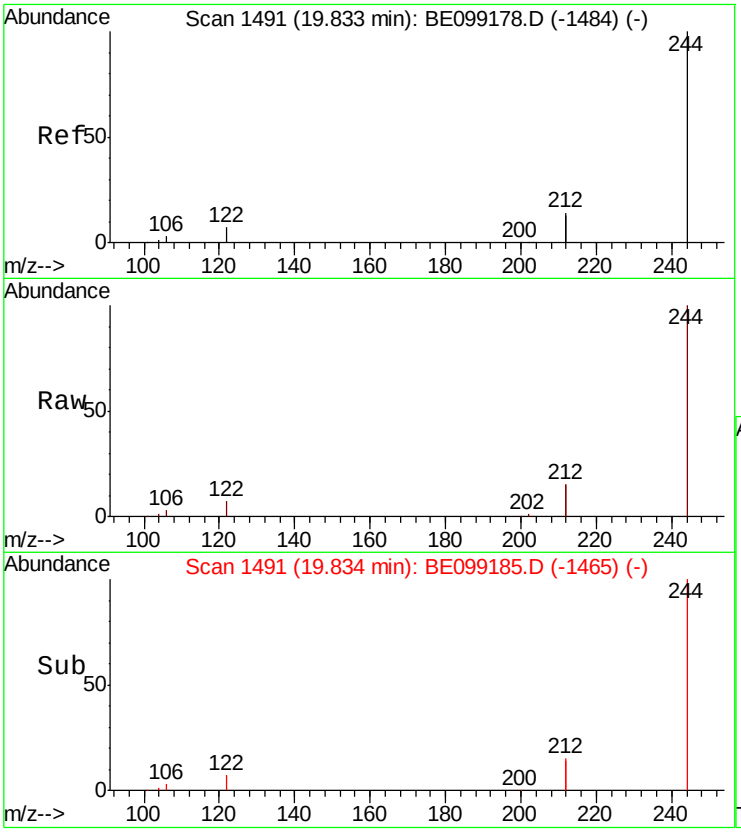


#28
Pyrene
Concen: 0.341 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:202 Resp: 44045

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.2	14.1	21.1



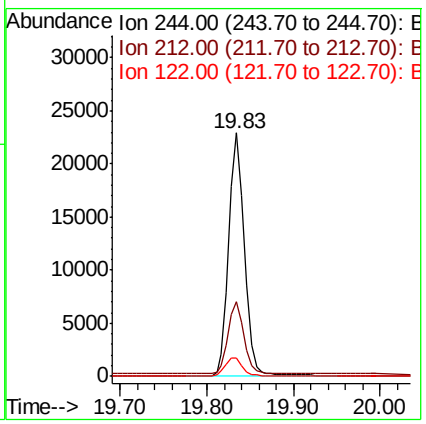


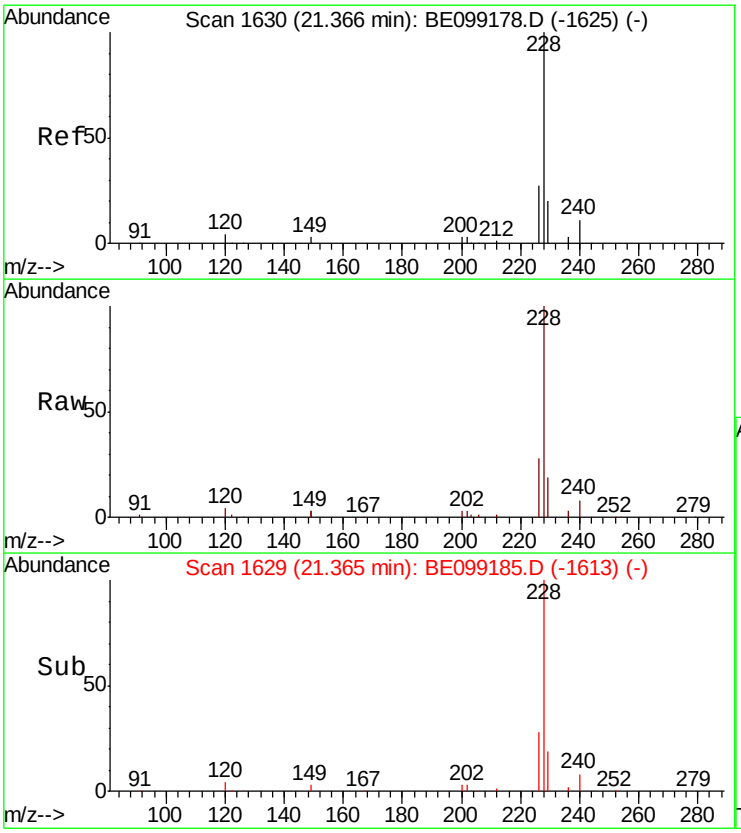
#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 28265

Ion	Ratio	Lower	Upper
244	100		
212	30.4	22.7	34.1
122	7.3	5.8	8.6

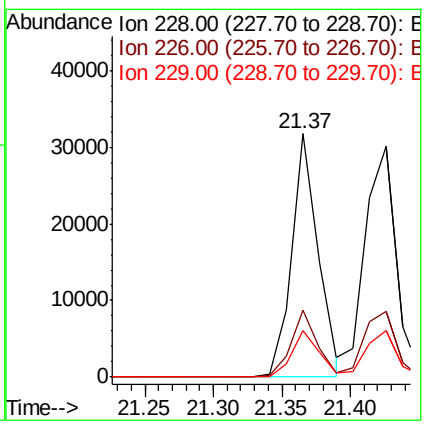


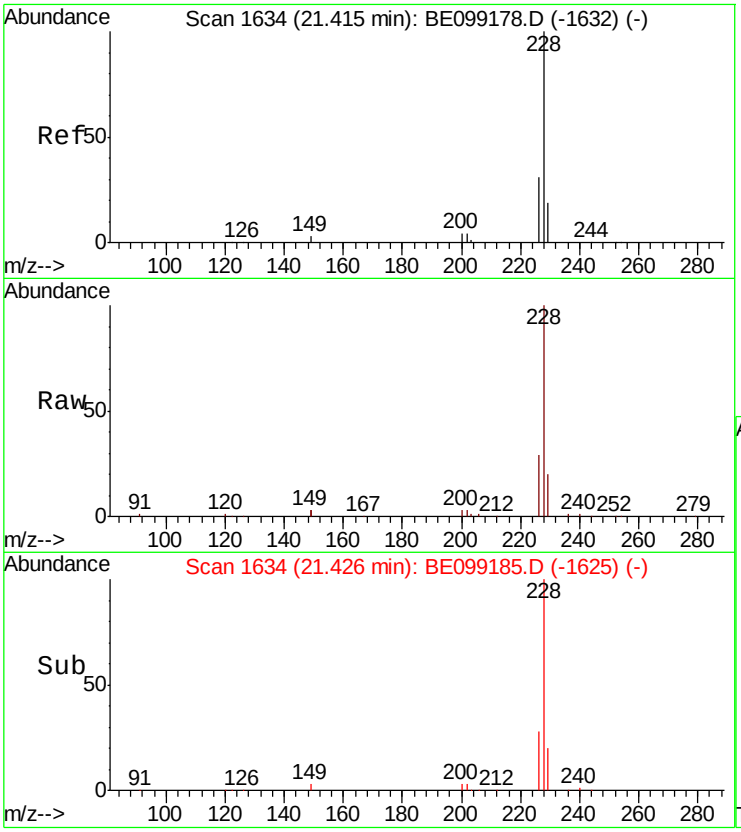


#30
Benzo(a)anthracene
Concen: 0.329 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:228 Resp: 42151

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.2	15.9	23.9



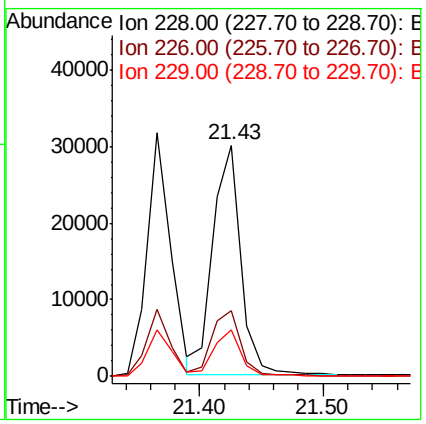


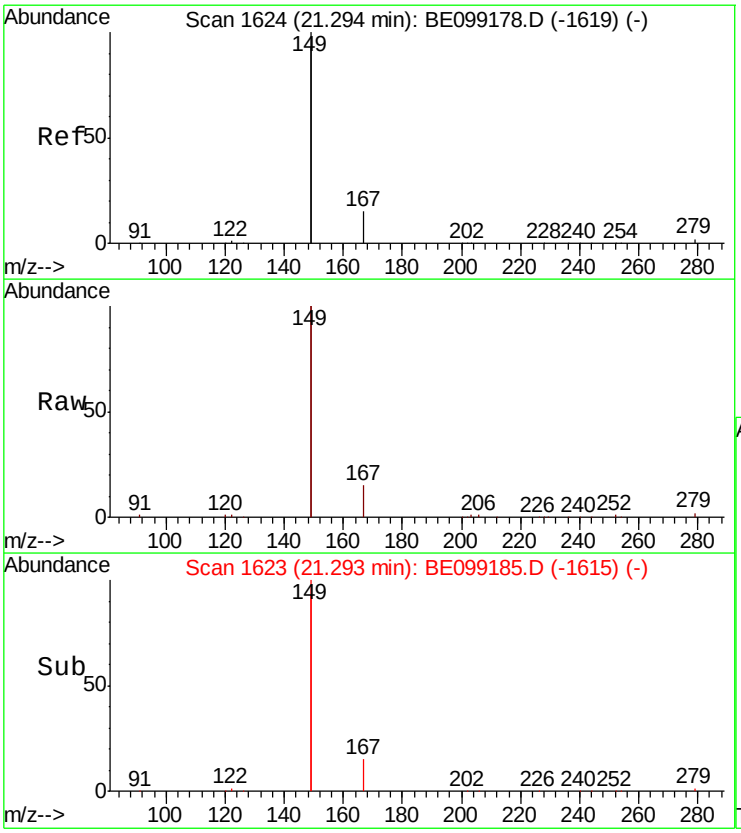
#31
Chrysene
Concen: 0.342 ng
RT: 21.43 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 46901

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.8	37.2
229	20.2	15.4	23.0

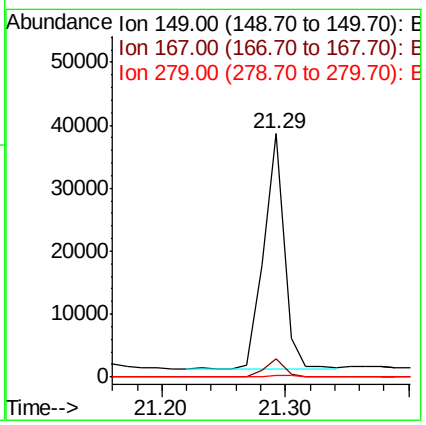


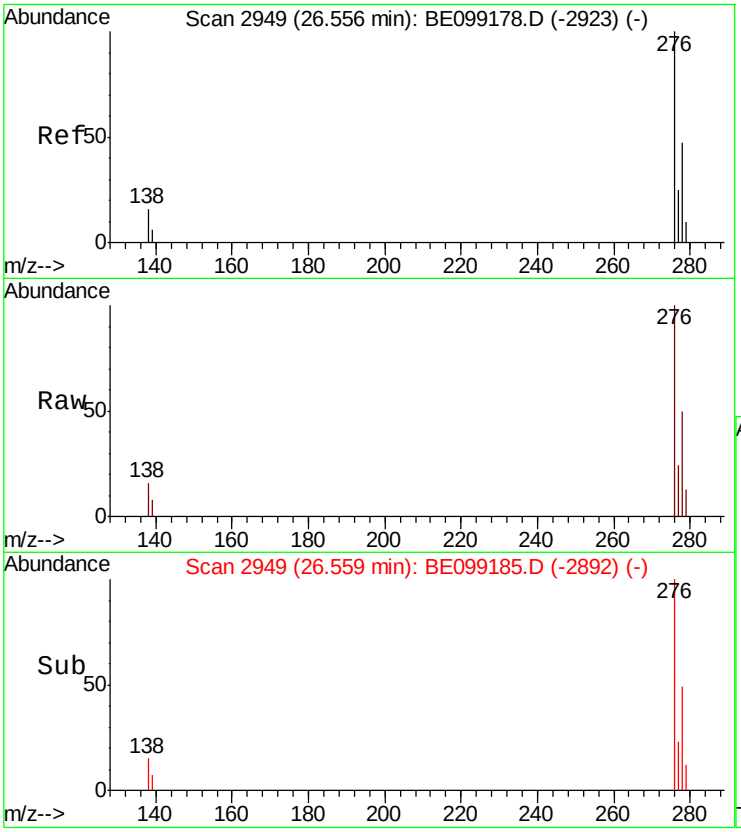


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:149 Resp: 43674

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.1	1.0	1.6



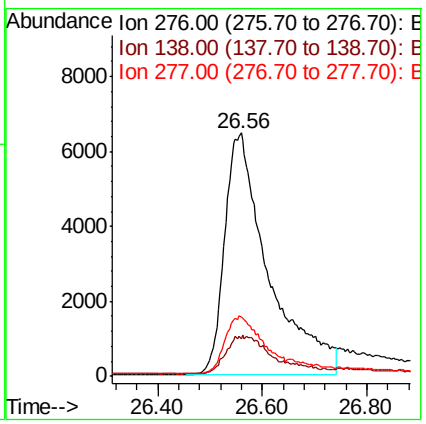


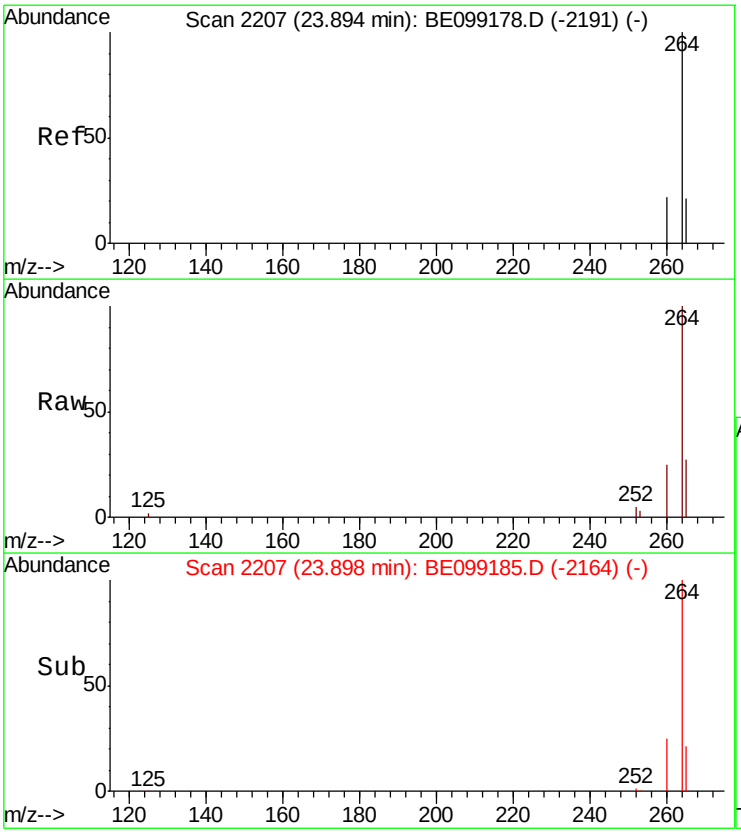
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.289 ng
RT: 26.56 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 37428

Ion	Ratio	Lower	Upper
276	100		
138	5.5	12.9	19.3#
277	20.6	18.3	27.5

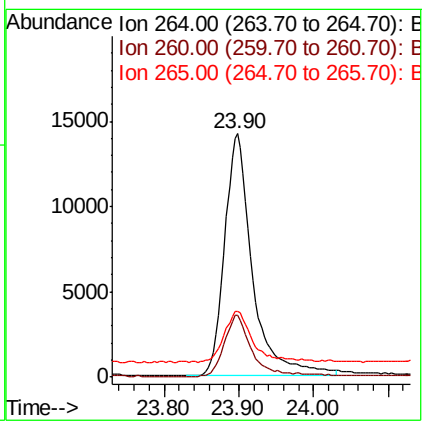


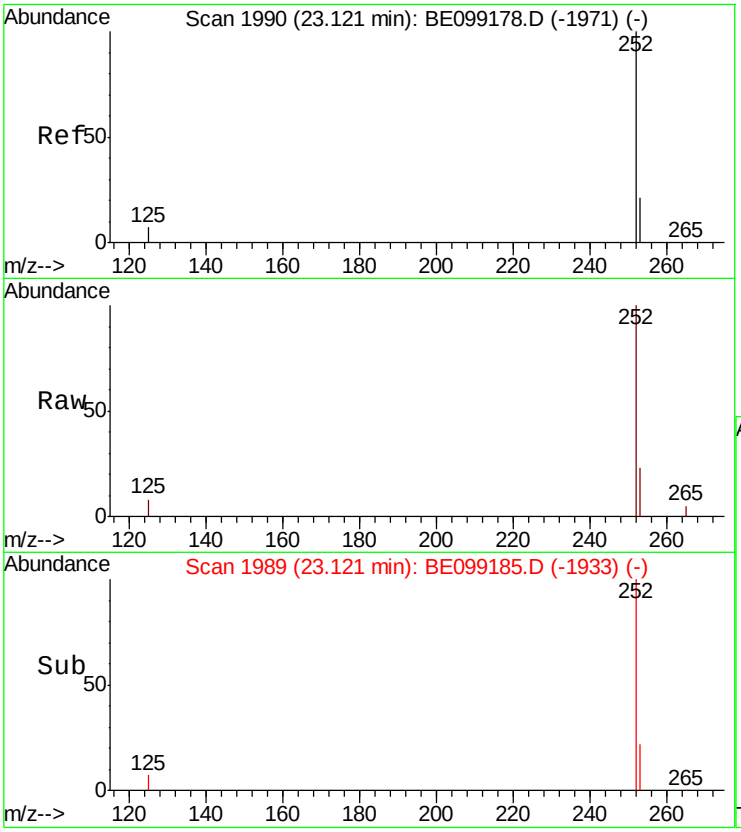


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:264 Resp: 36839

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.2
265	27.2	21.8	32.8



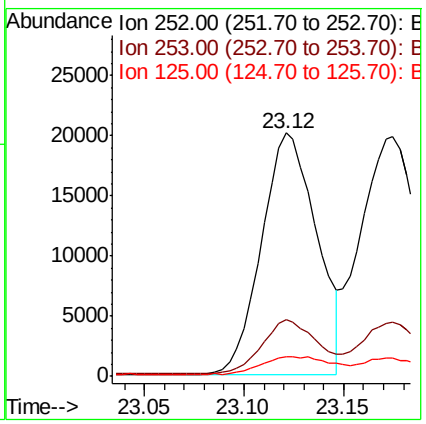


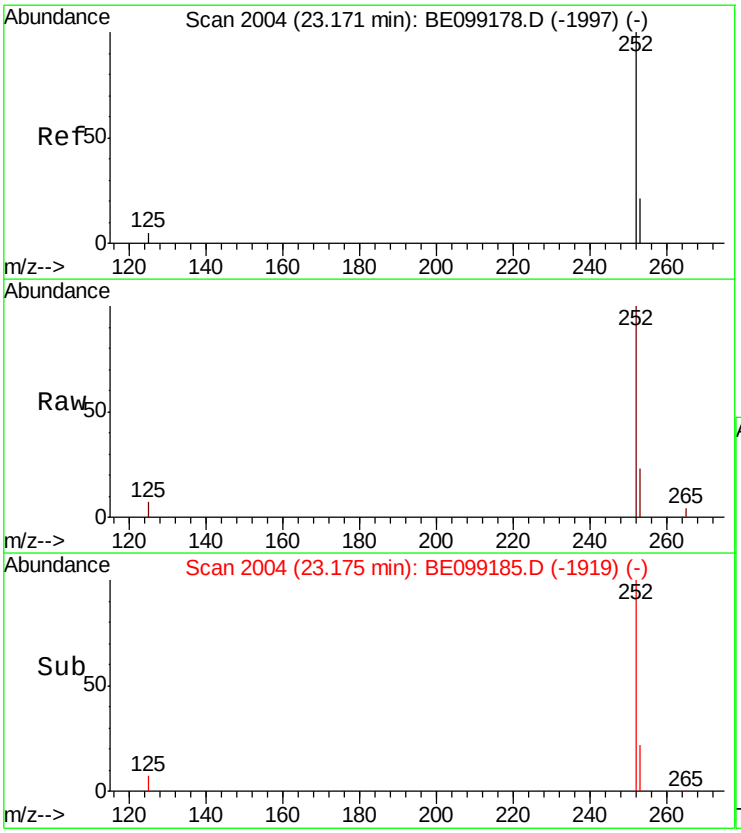
#35
Benzo(b)fluoranthene
Concen: 0.319 ng
RT: 23.12 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 38624

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.1	6.1	9.1

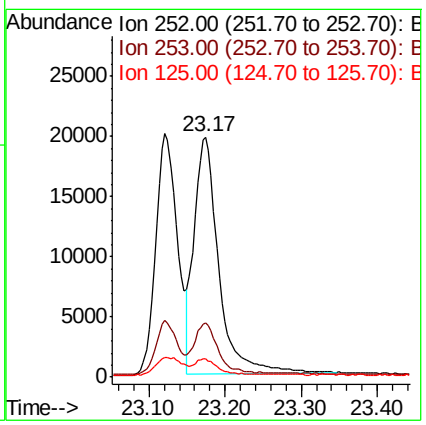


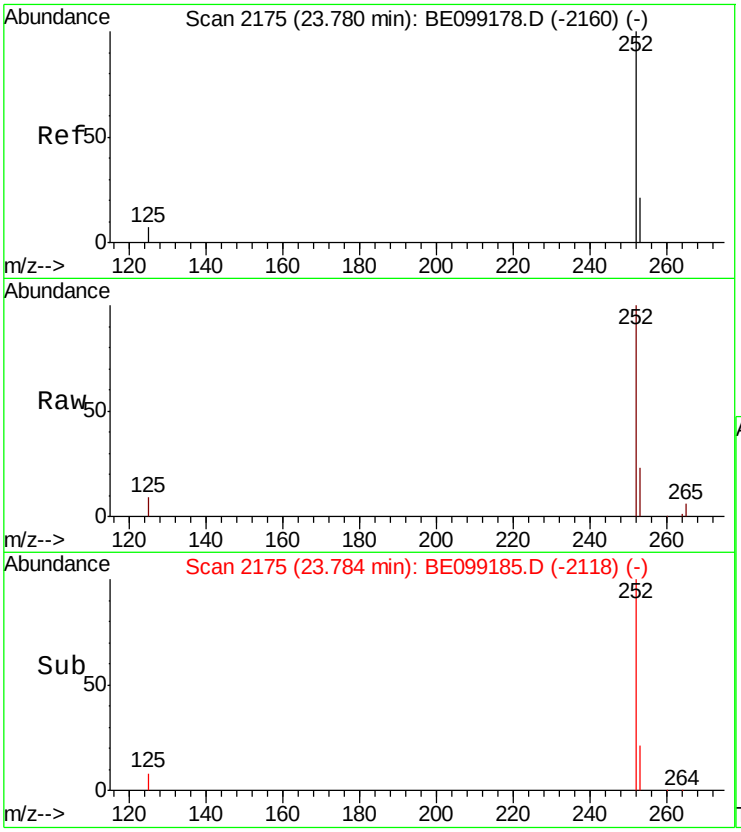


#36
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:252 Resp: 44524

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	7.5	5.9	8.9



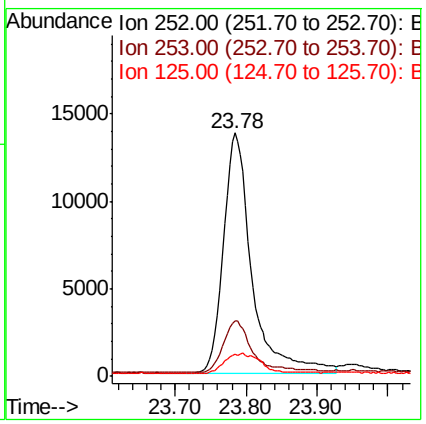


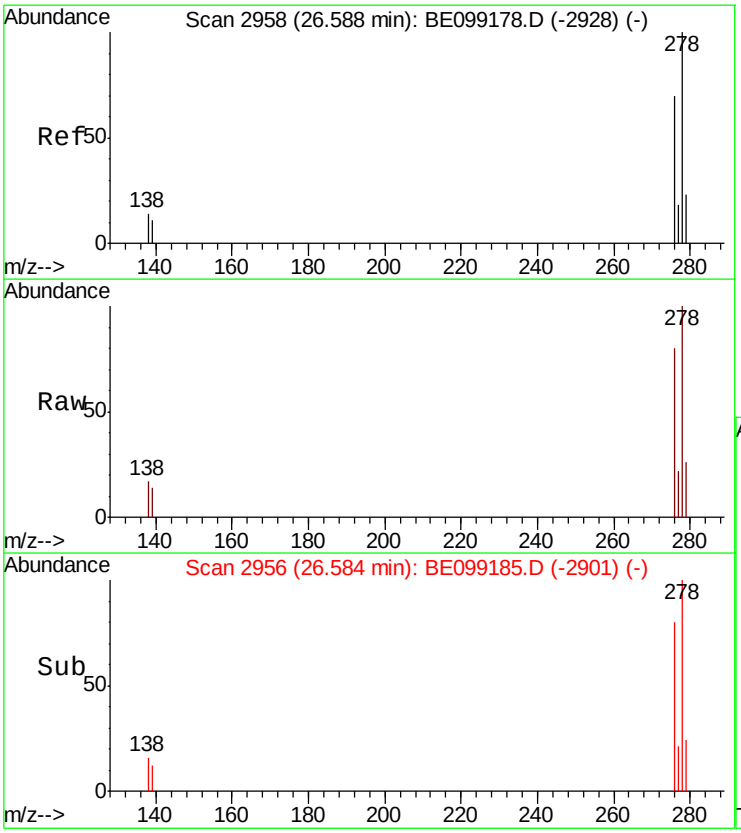
#37
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 38089

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.9	6.8	10.2

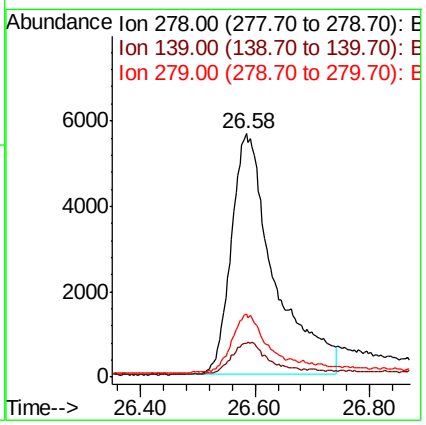


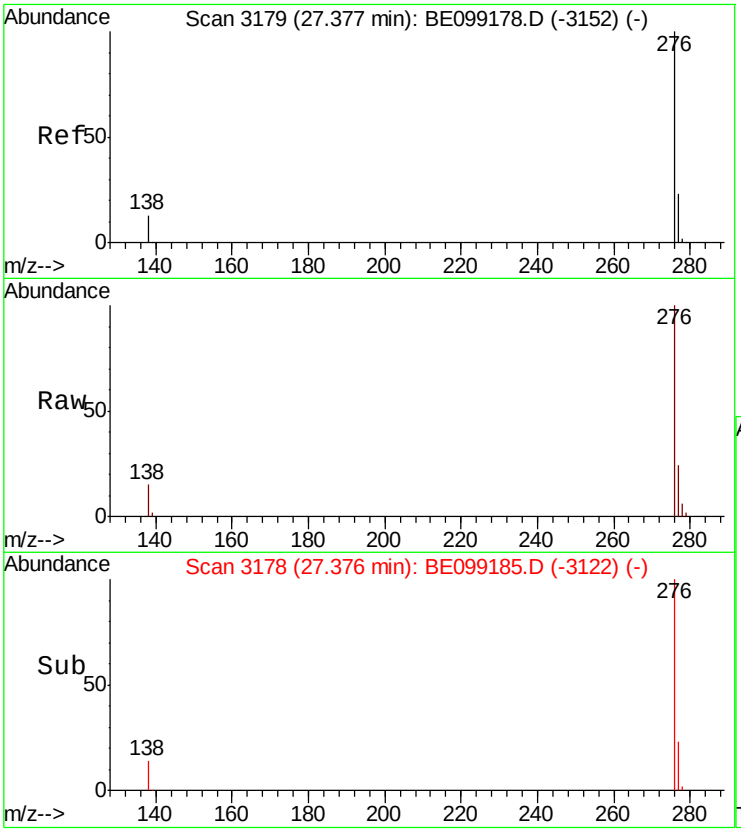


#38
Dibenzo(a,h)anthracene
Concen: 0.292 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Tgt Ion:278 Resp: 29349

Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.5	14.3
279	25.8	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.297 ng
RT: 27.38 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BE099185.D
Acq: 25 Mar 2019 18:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 29975

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	15.1	11.1	16.7