Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099217.D
Acq On : 26 Mar 2019 16:15
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 29 01:17:55 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	4729	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	21591	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	15368	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	40924	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	46973	0.40	ng		-0.01
34) Perylene-d12	23.89	264	46035	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4838	0.34	ng		0.00
5) Phenol-d6	6.99	99	7432	0.34	ng		0.00
8) Nitrobenzene-d5	8.99	82	6250	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	14306	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	2124	0.47	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	22184	0.35	ng		0.00
25) Fluoranthene-d10	19.23	212	175779	0.35	ng		0.00
29) Terphenyl-d14	19.83	244	34287	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2032	0.326	ng	#	93
3) n-Nitrosodimethylamine	3.66	42	1104	0.316	ng	#	90
6) bis(2-Chloroethyl)ether	7.25	93	5954	0.351	ng		97
9) Naphthalene	10.68	128	88393	0.347	ng		100
10) Hexachlorobutadiene	10.95	225	4832	0.356	ng		97
12) 2-Methylnaphthalene	12.30	142	15924	0.350	ng		99
16) Acenaphthylene	14.20	152	27273	0.348	ng		99
17) Acenaphthene	14.54	154	16558	0.353	ng		98
18) Fluorene	15.51	166	22719	0.345	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	8519	0.323	ng	#	75
21) Hexachlorobenzene	16.51	284	8496	0.333	ng		99
22) Pentachlorophenol	16.85	266	1810	0.702	ng	#	85
23) Phenanthrene	17.26	178	40672	0.338	ng		100
24) Anthracene	17.34	178	36269	0.334	ng		100
26) Fluoranthene	19.26	202	52150	0.340	ng		100
28) Pyrene	19.63	202	53517	0.343	ng		100
30) Benzo(a)anthracene	21.37	228	53057	0.342	ng		99
31) Chrysene	21.41	228	56543	0.341	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	65713	0.355	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	48652	0.310	ng	#	57
35) Benzo(b)fluoranthene	23.17	252	55347	0.365	ng		100
36) Benzo(k)fluoranthene	23.17	252	57683	0.360	ng		100
37) Benzo(a)pyrene	23.78	252	48693	0.344	ng		99
38) Dibenzo(a,h)anthracene	26.58	278	36935	0.294	ng	#	93
39) Benzo(g,h,i)perylene	27.37	276	37799	0.300	ng		99

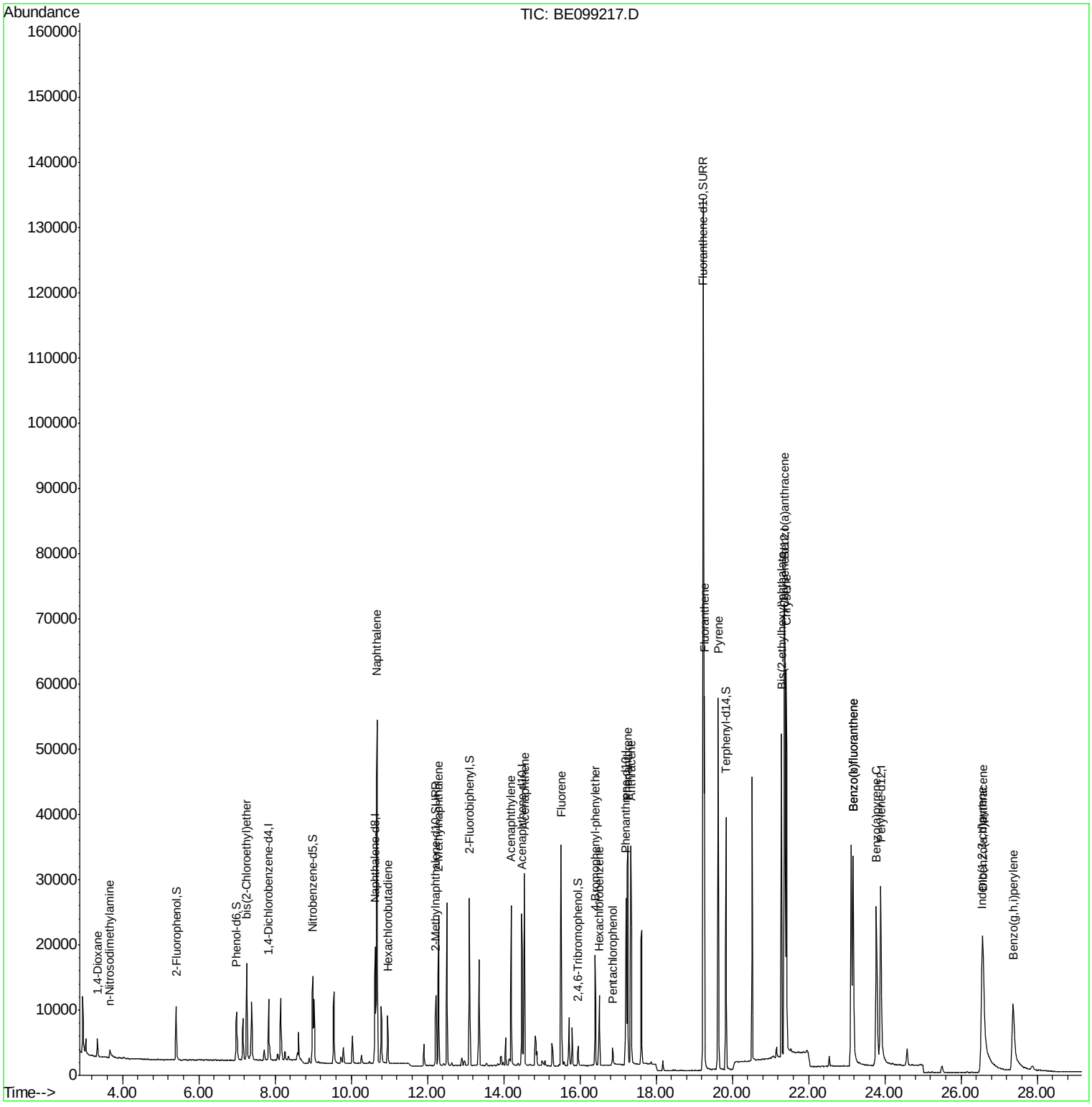
(#) = qualifier out of range (m) = manual integration (+) = signals summed

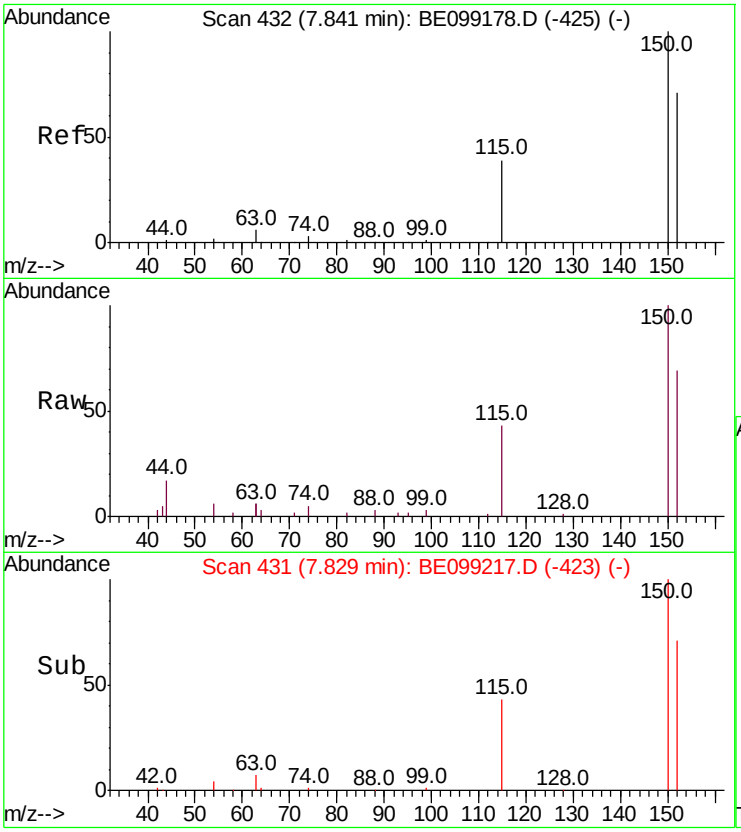
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099217.D
Acq On : 26 Mar 2019 16:15
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 29 01:17:55 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



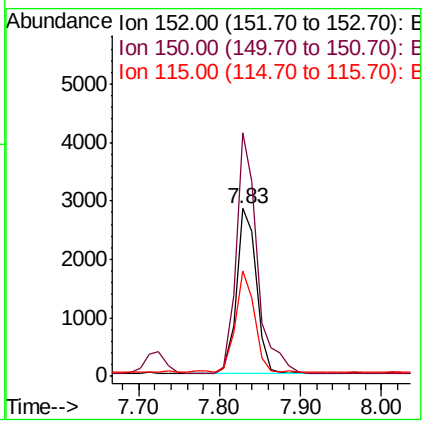


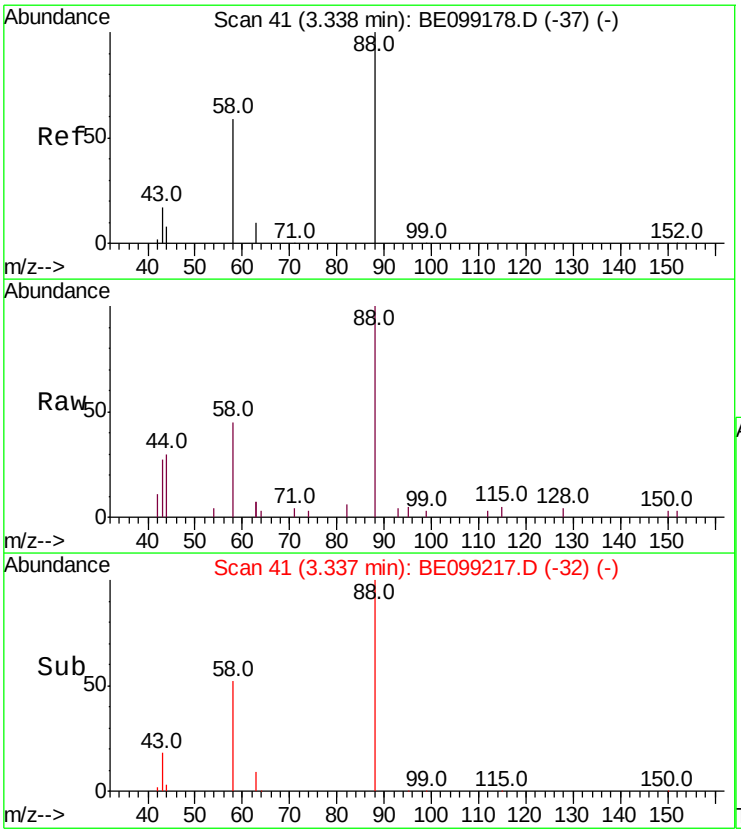
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4729

Ion	Ratio	Lower	Upper
152	100		
150	145.1	112.8	169.2
115	62.6	45.1	67.7

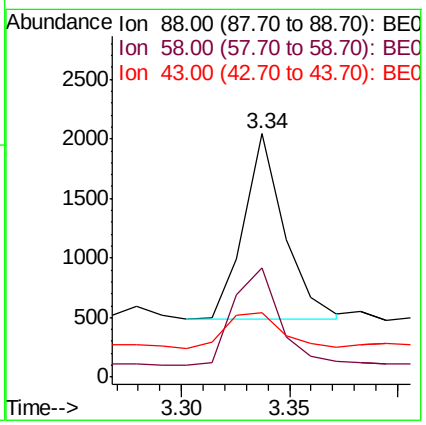


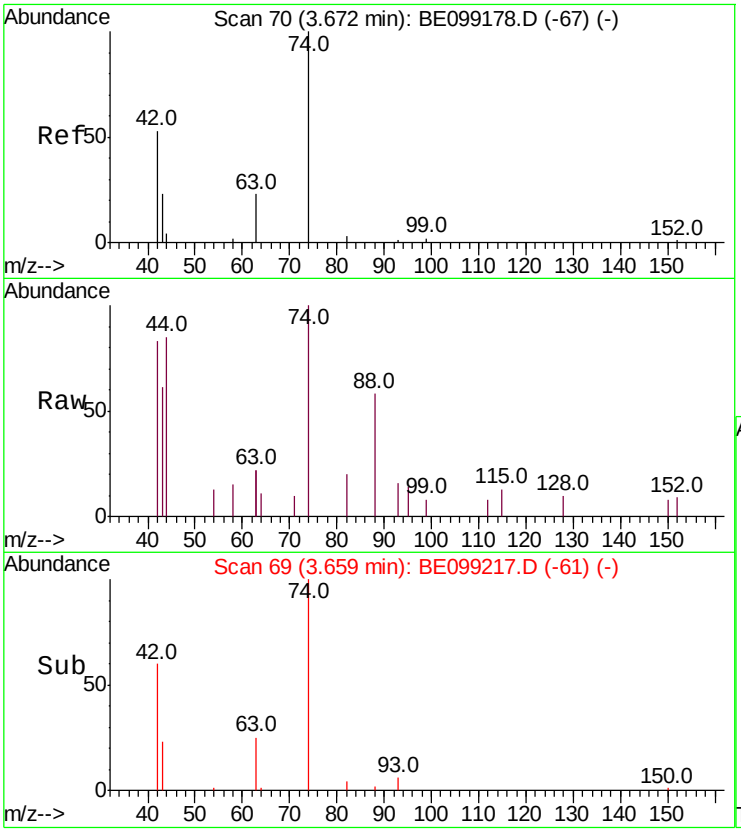


#2
1,4-Dioxane
Concen: 0.326 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion: 88 Resp: 2032

Ion	Ratio	Lower	Upper
88	100		
58	62.5	47.4	71.0
43	26.0	15.6	23.4#



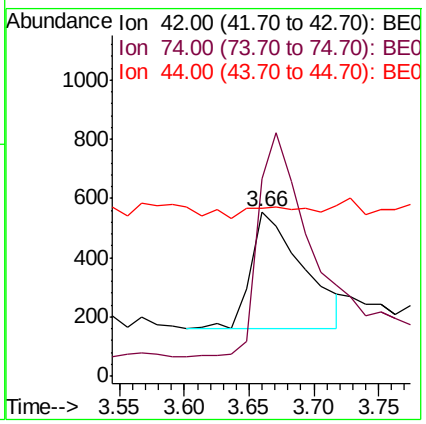


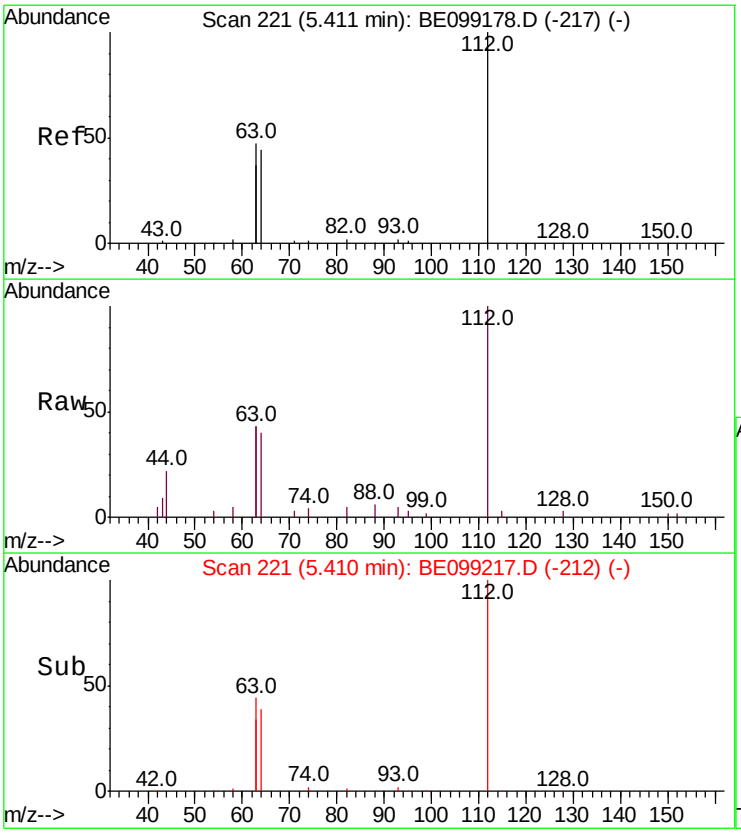
#3
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1104

Ion	Ratio	Lower	Upper
42	100		
74	186.1	138.6	207.8
44	11.7	15.0	22.6#

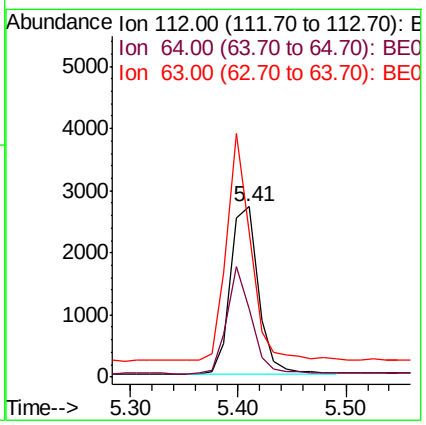


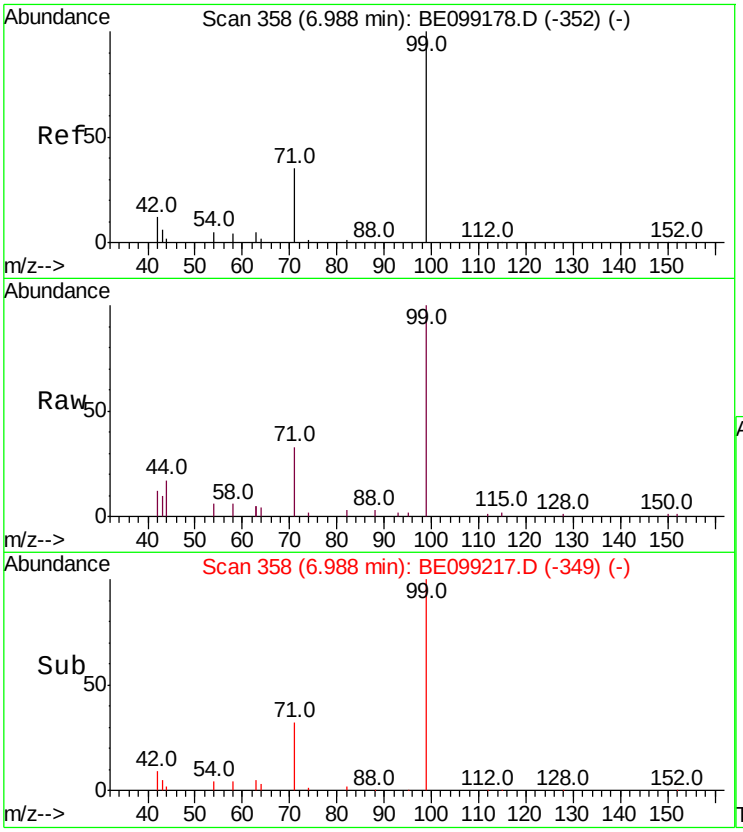


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:112 Resp: 4838

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.2	69.2
63	116.8	89.9	134.9



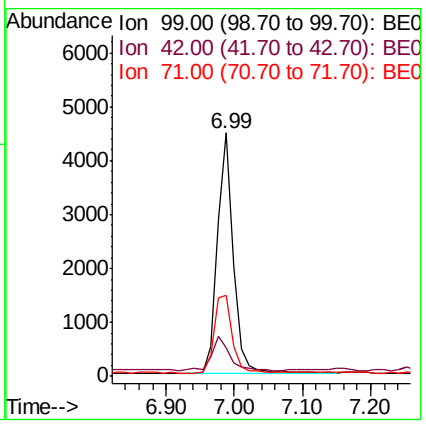


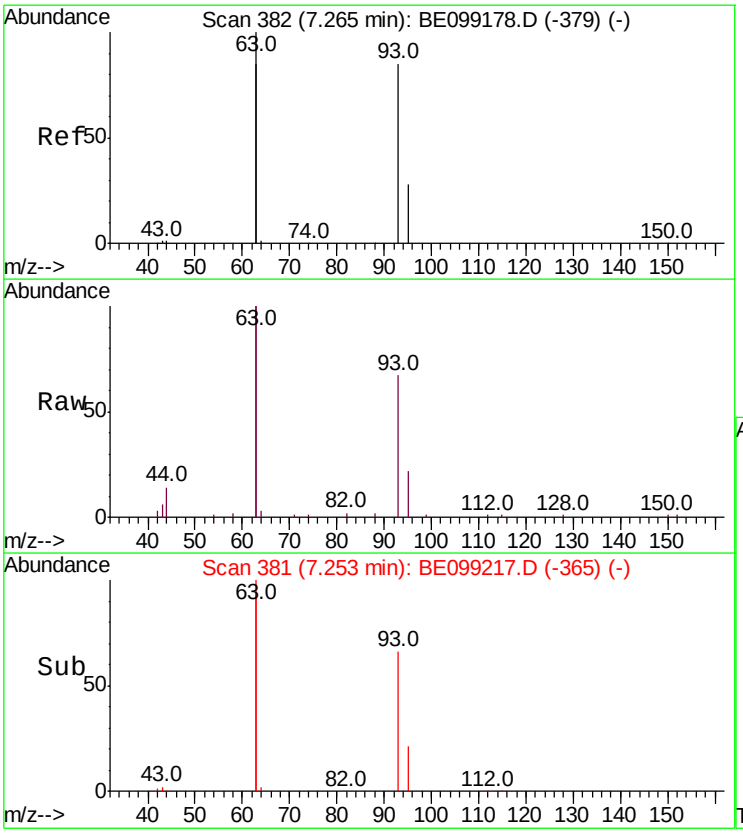
#5
Phenol-d6
Concen: 0.344 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7432

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.4	18.6
71	36.3	28.4	42.6

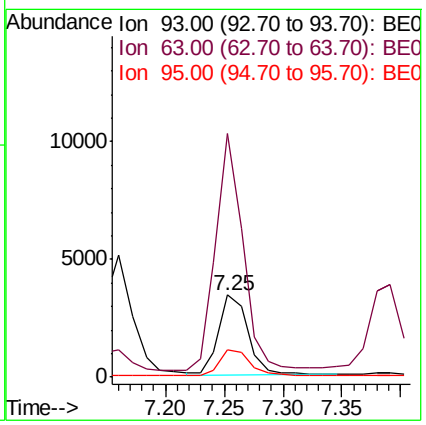


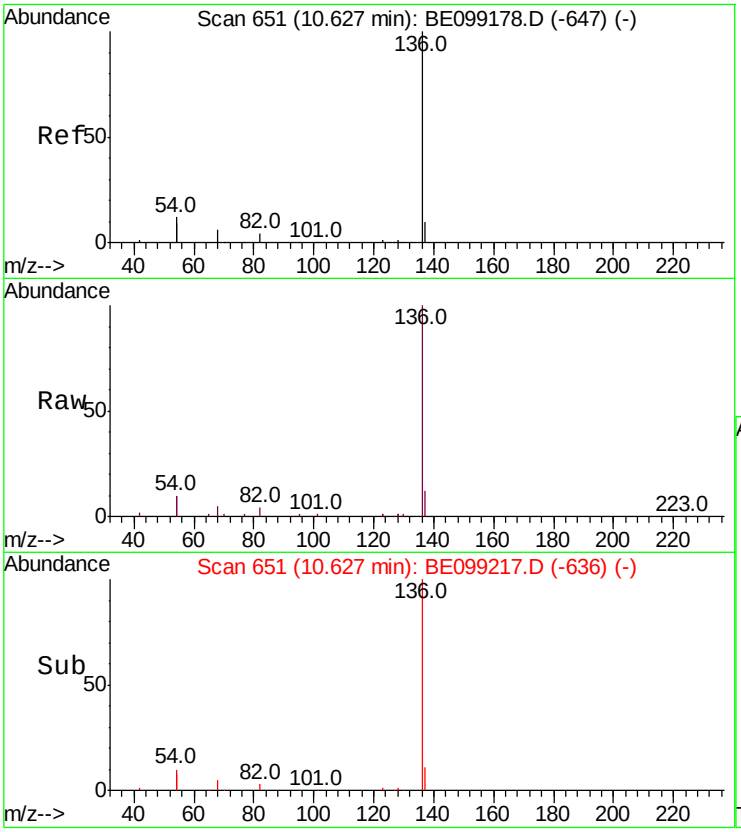


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion: 93 Resp: 5954

Ion	Ratio	Lower	Upper
93	100		
63	271.4	221.4	332.0
95	31.9	25.8	38.8



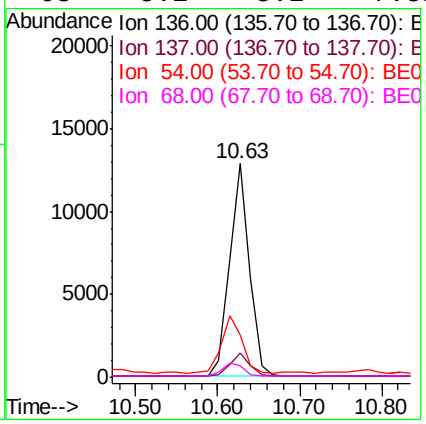


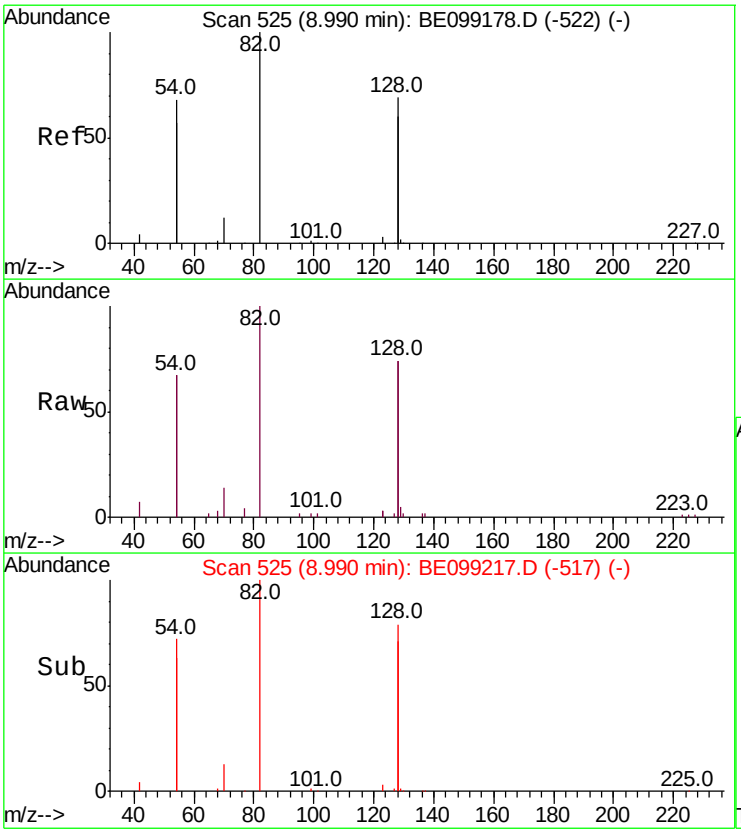
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 21591

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	19.7	18.7	28.1
68	5.2	5.2	7.8#

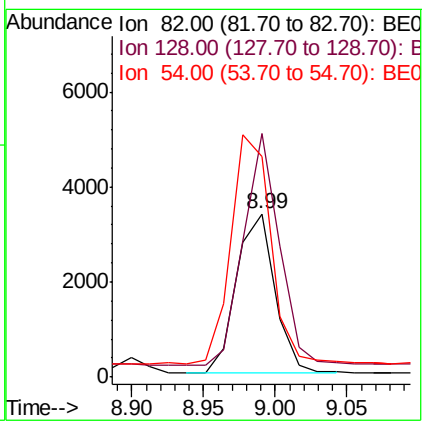


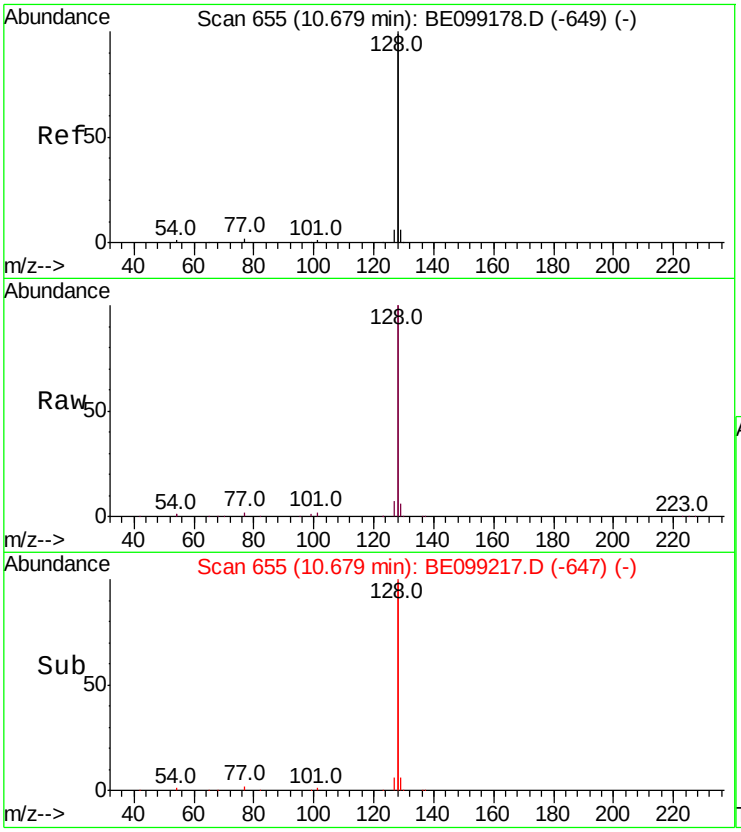


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion: 82 Resp: 6250

Ion	Ratio	Lower	Upper
82	100		
128	148.9	107.5	161.3
54	134.9	106.3	159.5



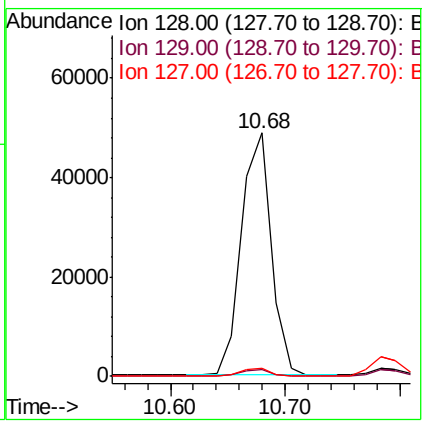


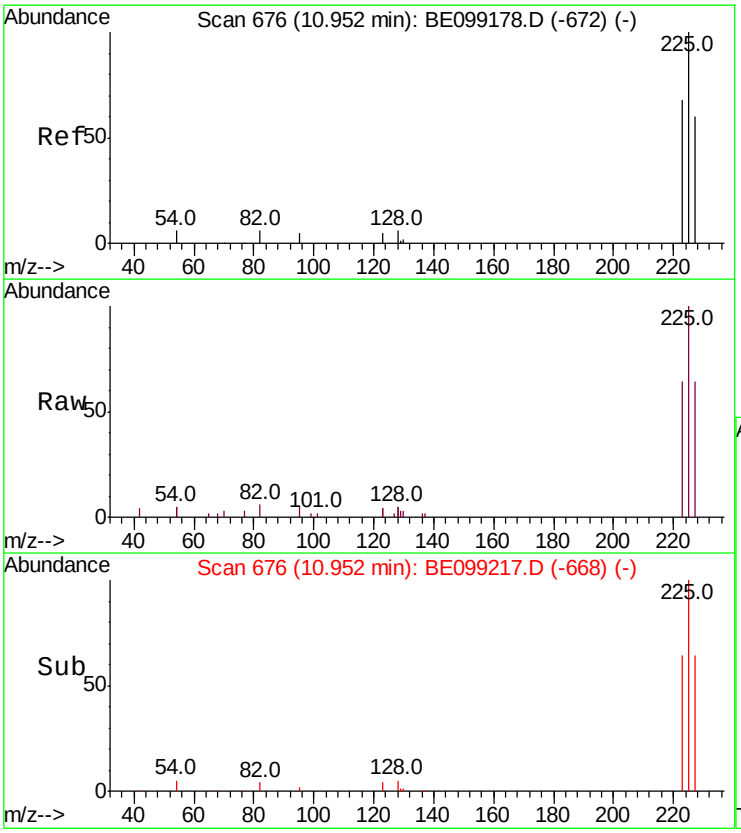
#9
Naphthalene
Concen: 0.347 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 88393

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.6	3.8

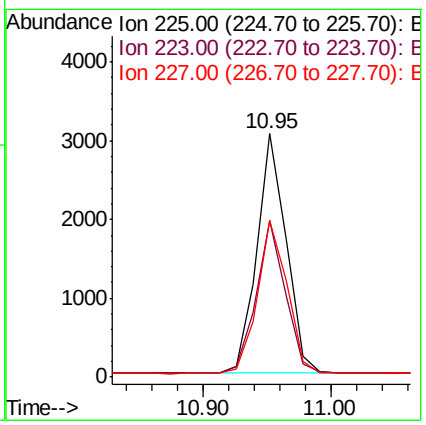


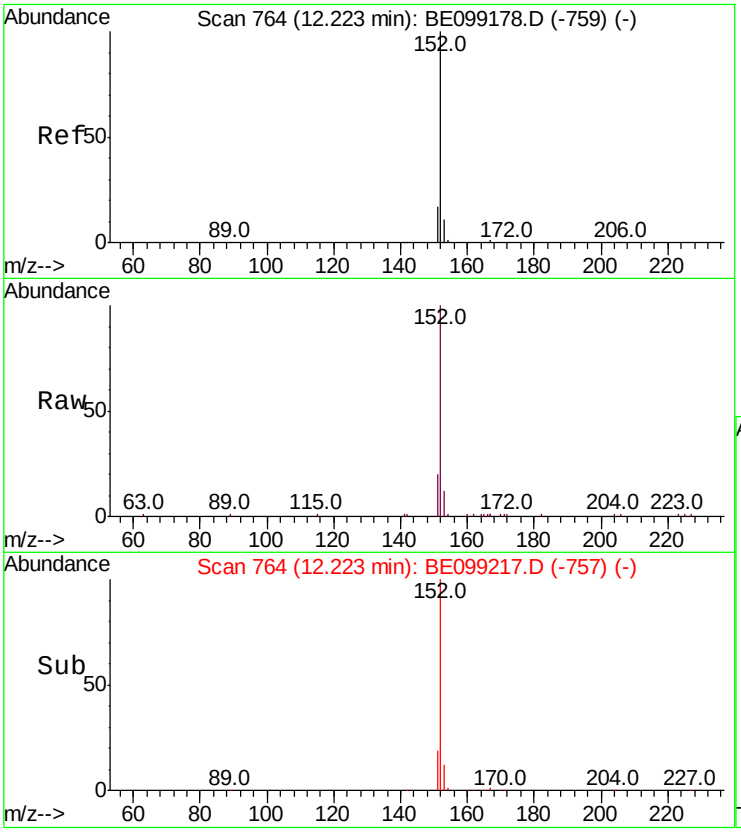


#10
Hexachlorobutadiene
Concen: 0.356 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:225 Resp: 4832

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	64.6	48.6	73.0



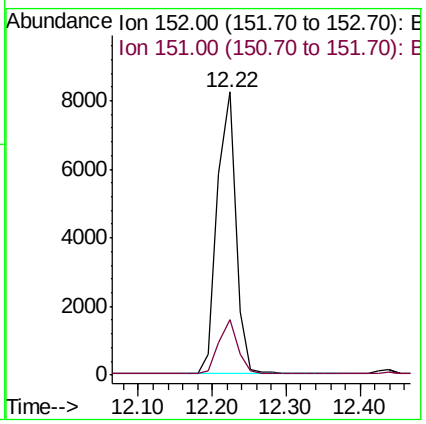


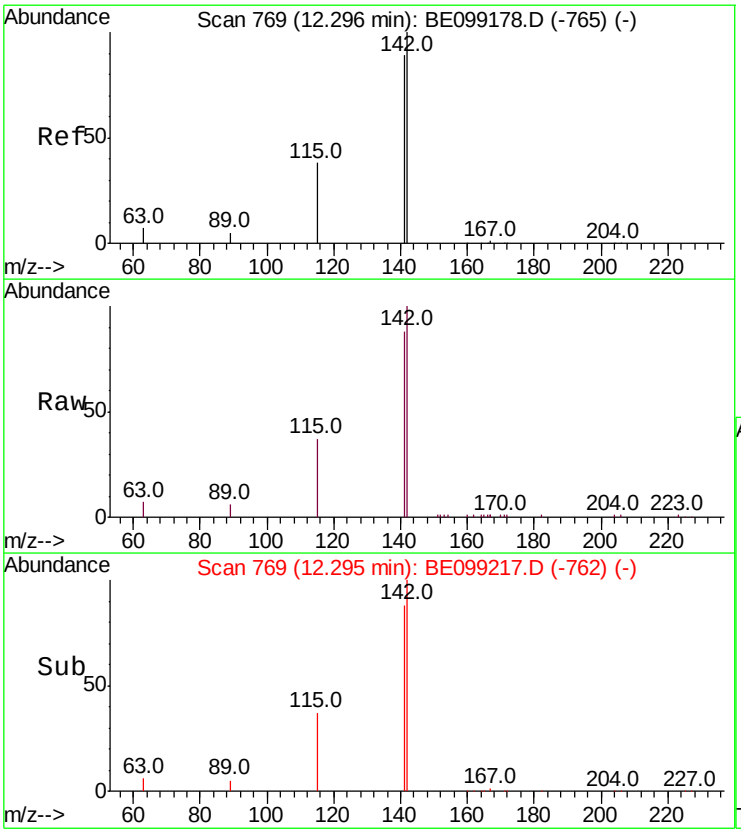
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14306

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

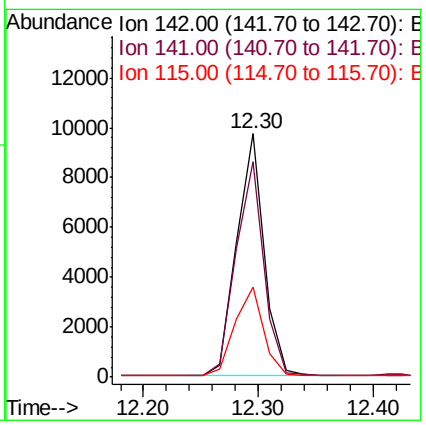


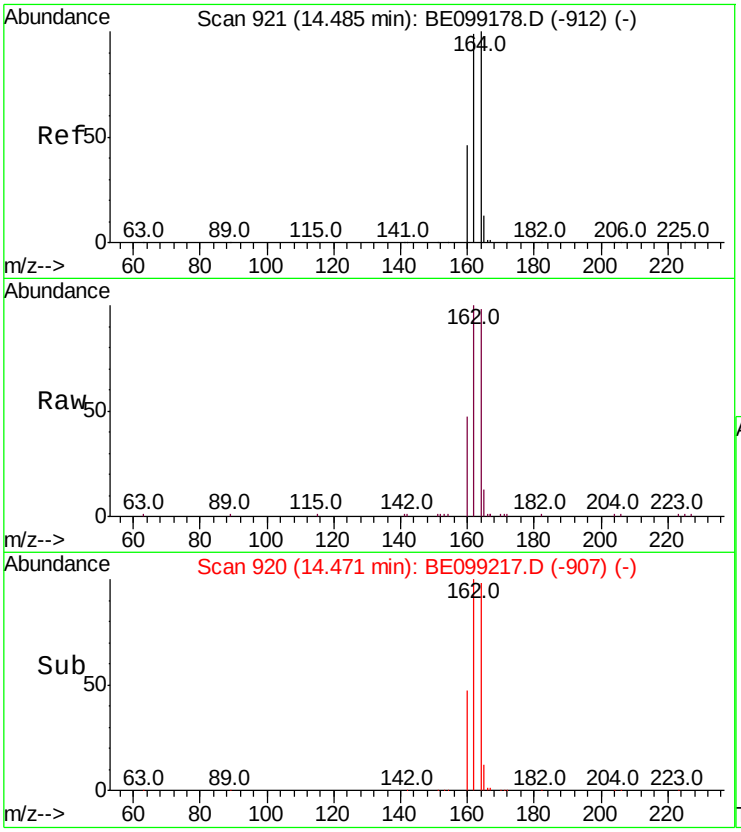


#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:142 Resp: 15924

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	37.2	30.4	45.6



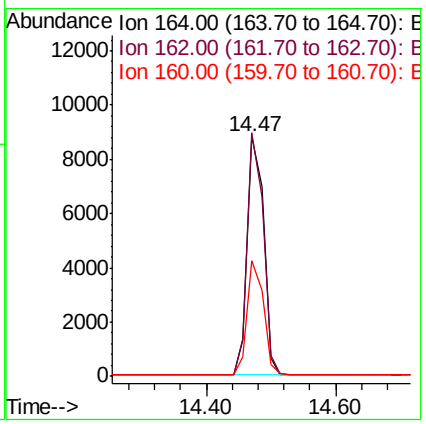


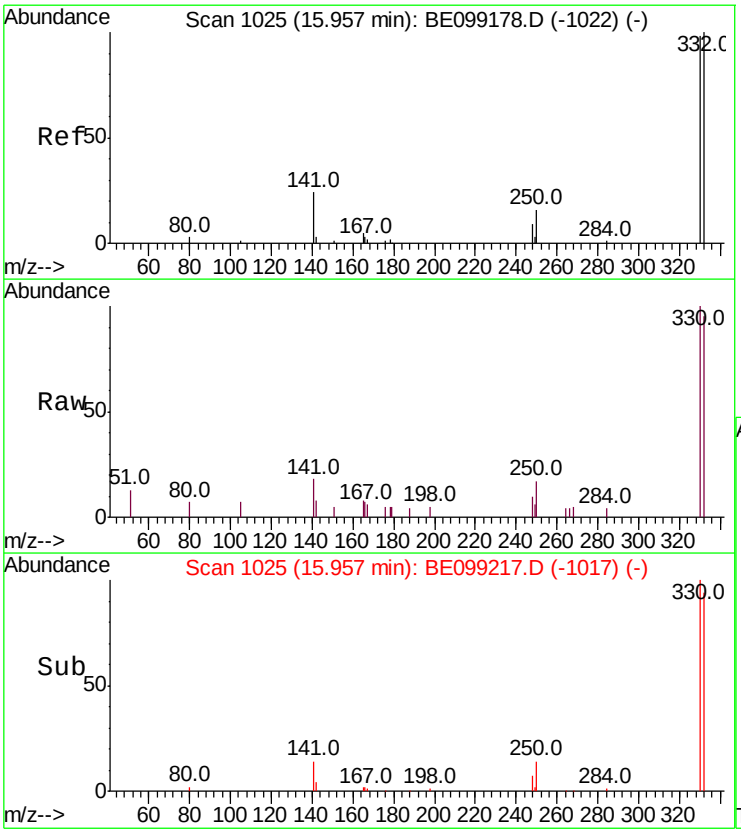
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 15368

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.2	118.8
160	48.2	36.7	55.1

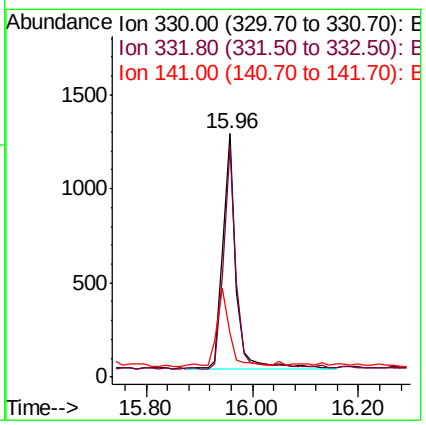


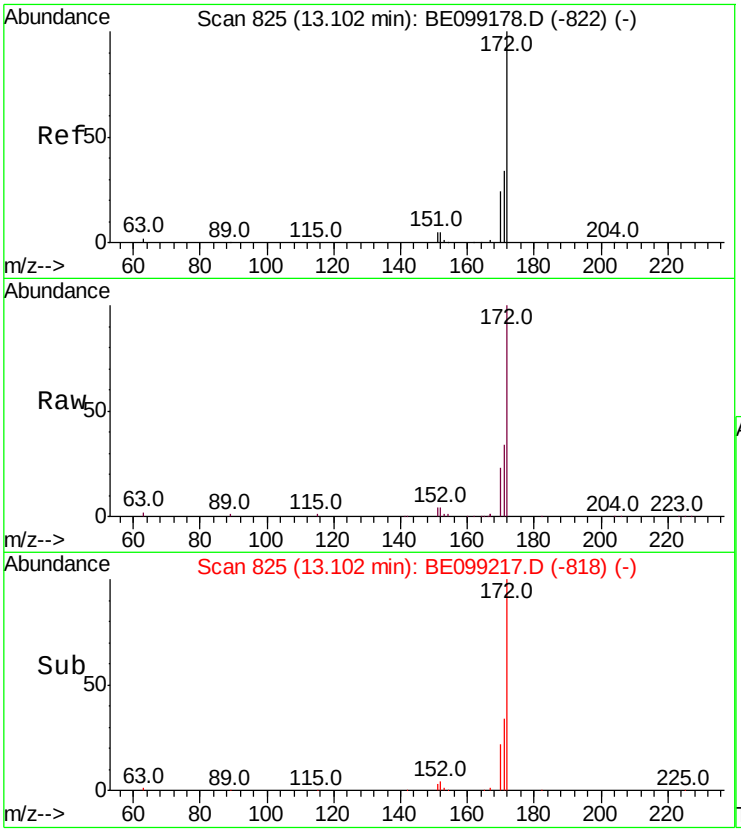


#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:330 Resp: 2124

Ion	Ratio	Lower	Upper
330	100		
332	91.0	71.3	106.9
141	32.1	21.7	32.5



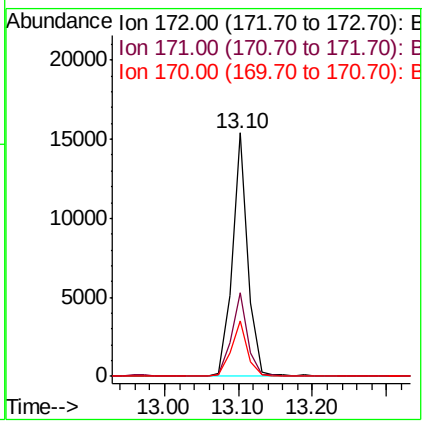


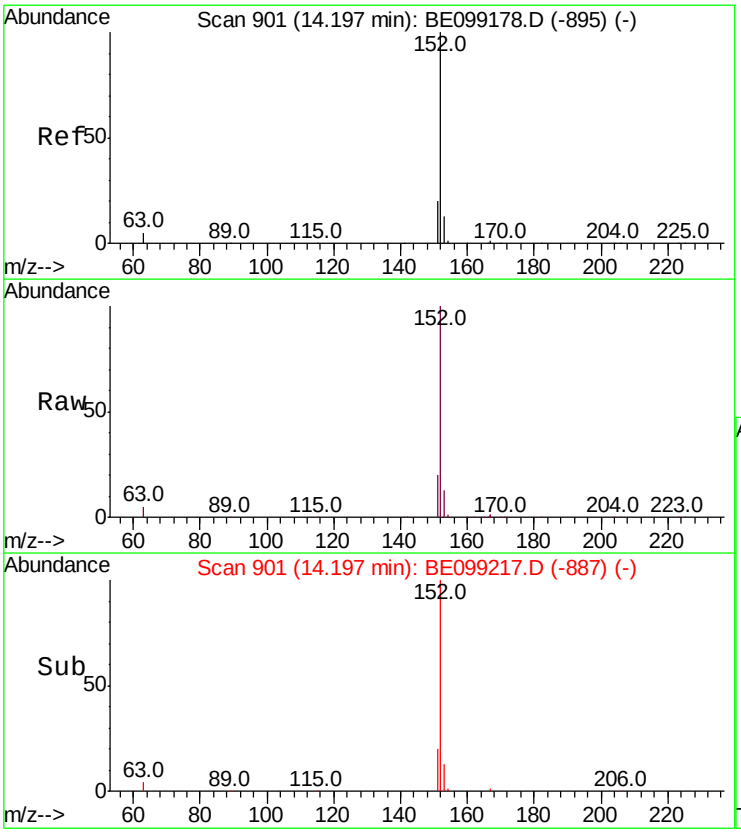
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 22184

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	22.6	19.1	28.7

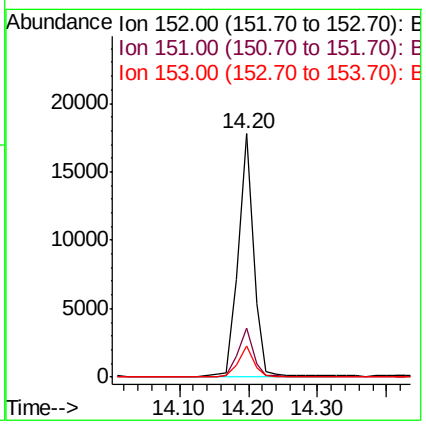


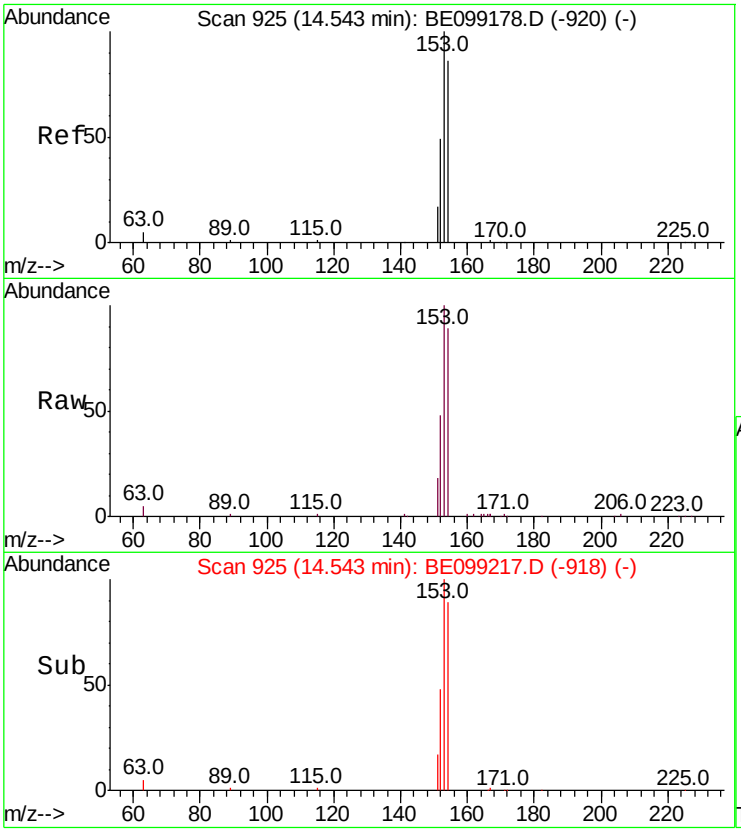


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:152 Resp: 27273

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.6	10.6	15.8



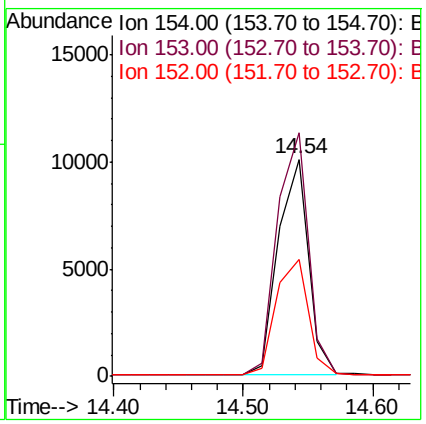


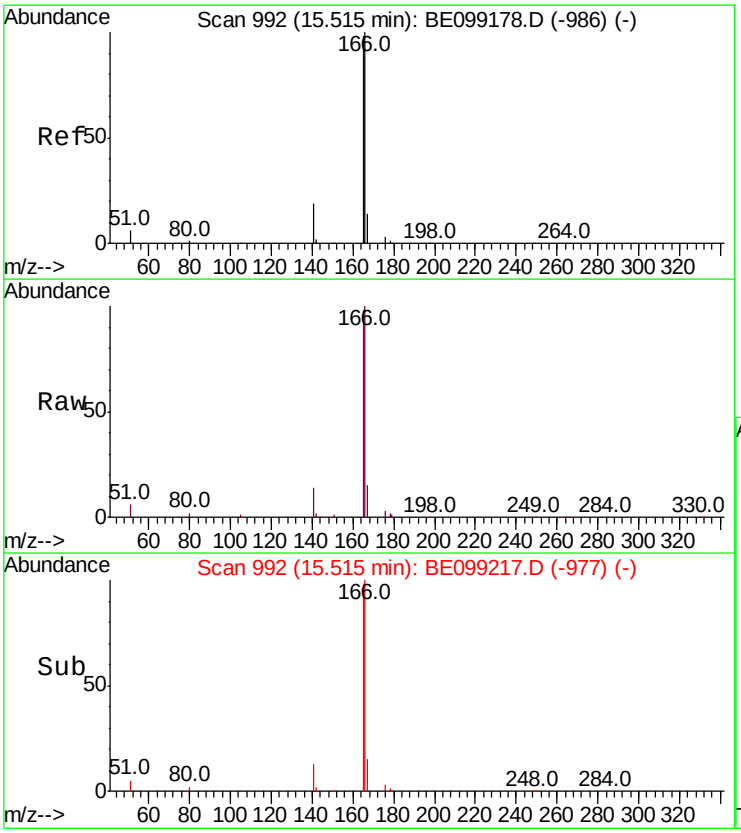
#17
Acenaphthene
Concen: 0.353 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 16558

Ion	Ratio	Lower	Upper
154	100		
153	114.7	93.4	140.0
152	56.7	46.6	69.8

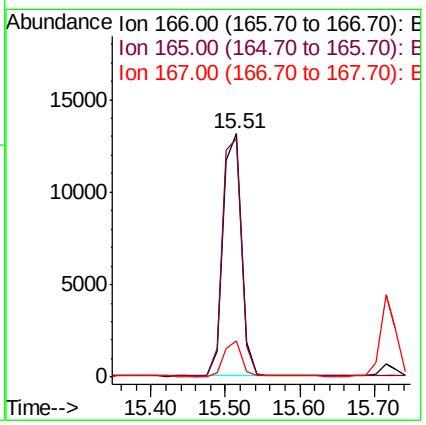


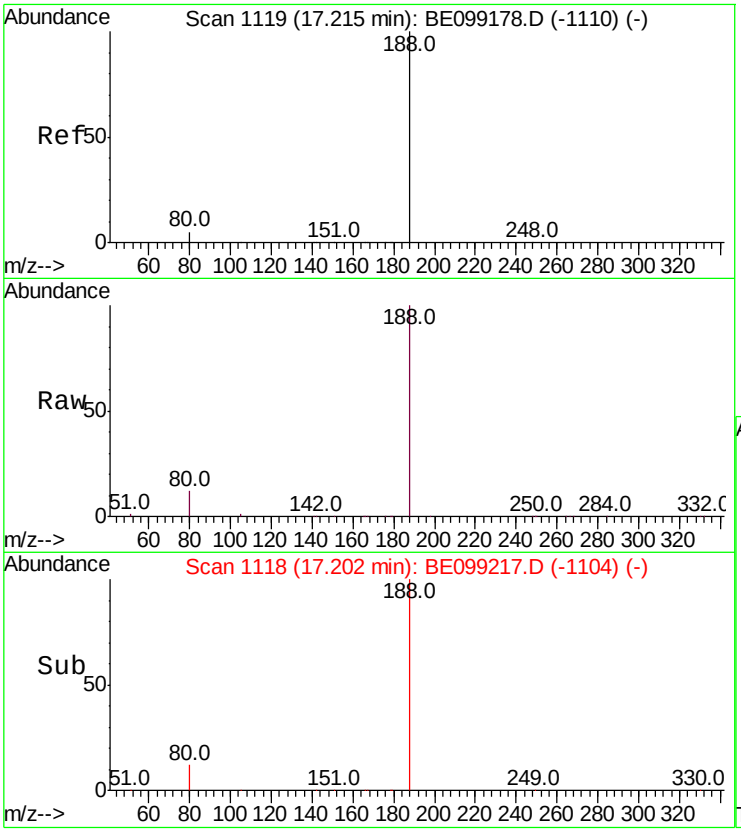


#18
Fluorene
Concen: 0.345 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:166 Resp: 22719

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.9	118.3
167	13.7	10.9	16.3



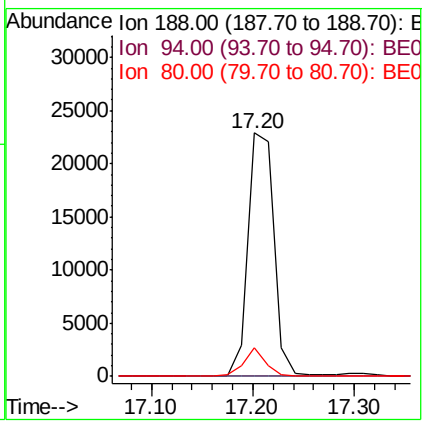


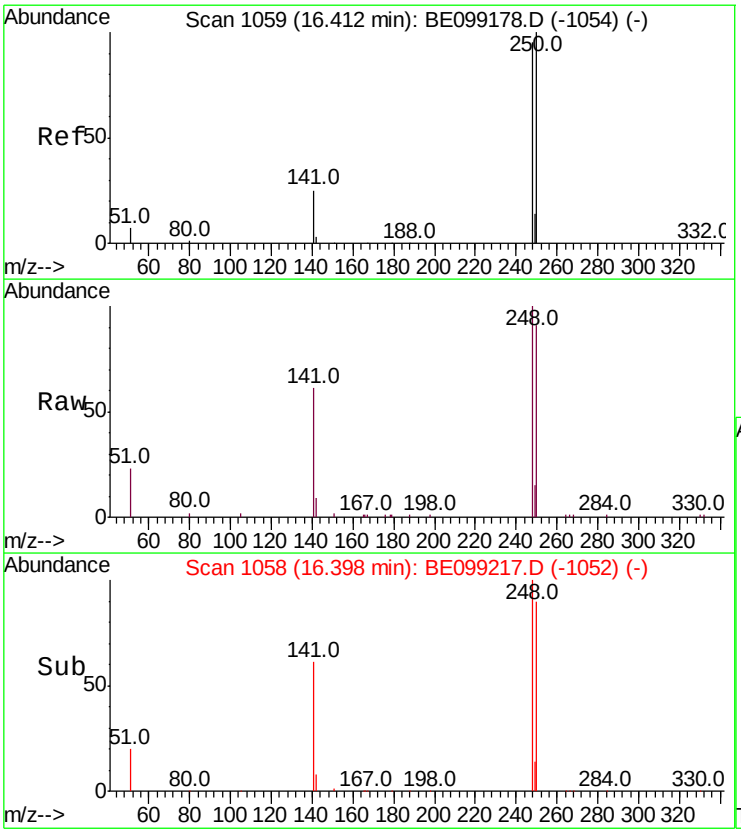
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 40924

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	4.5	6.7#

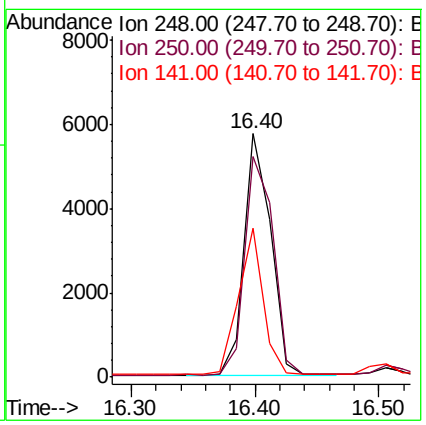


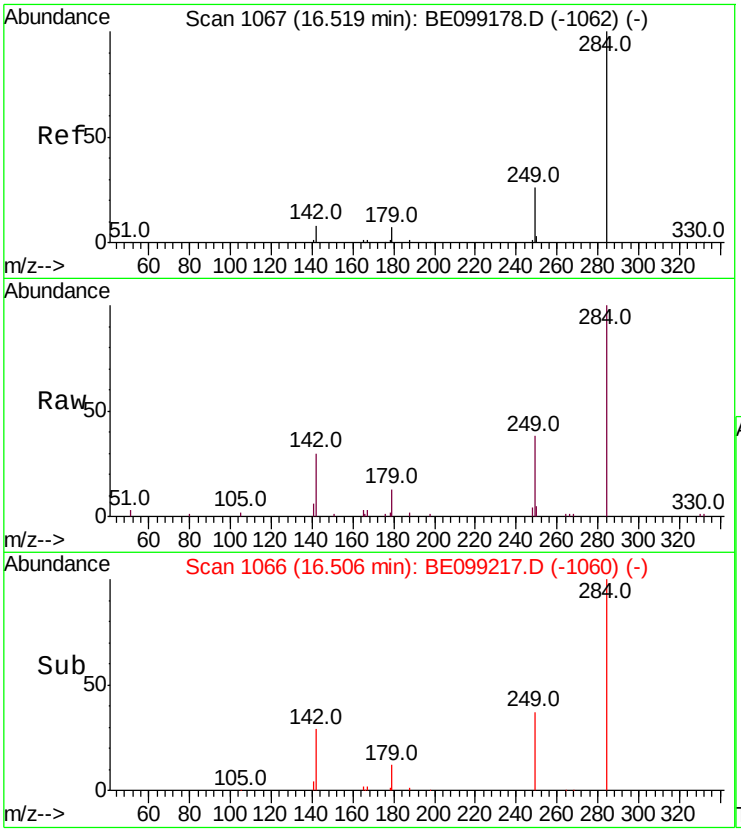


#20
4-Bromophenyl-phenylether
Concen: 0.323 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:248 Resp: 8519

Ion	Ratio	Lower	Upper
248	100		
250	90.5	84.2	126.2
141	61.2	21.8	32.6#



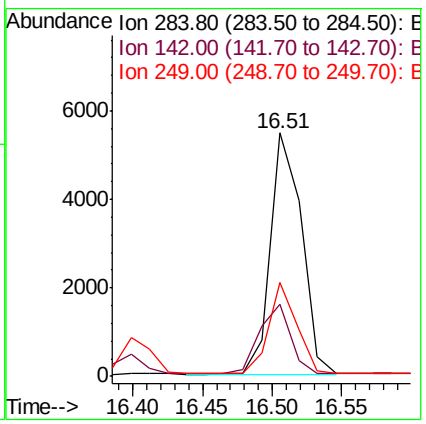


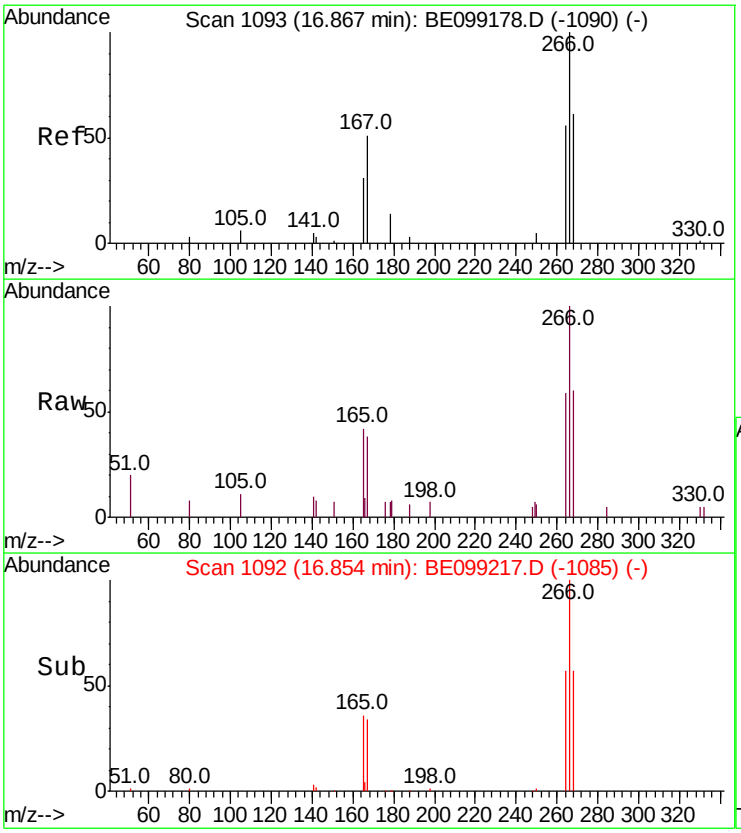
#21
Hexachlorobenzene
Concen: 0.333 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 8496

Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.7	34.1
249	34.5	26.9	40.3

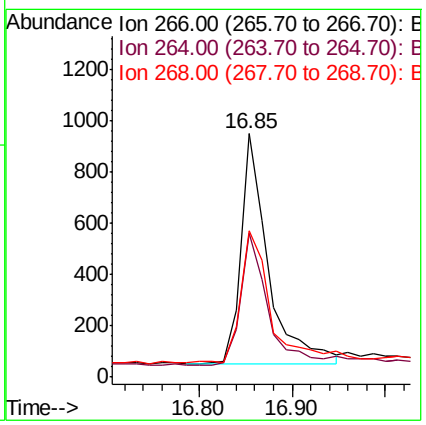


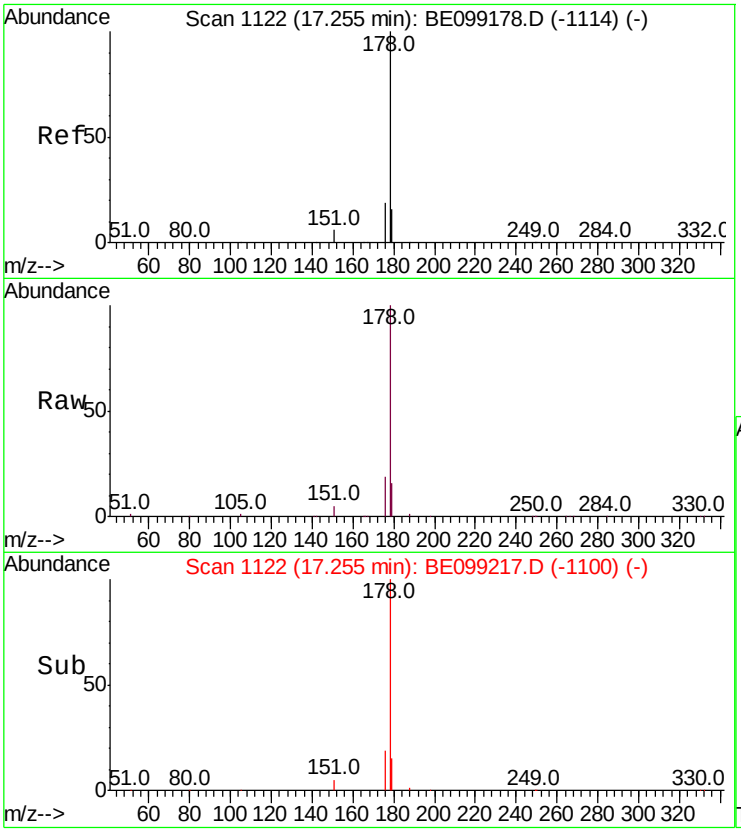


#22
Pentachlorophenol
Concen: 0.702 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:266 Resp: 1810

Ion	Ratio	Lower	Upper
266	100		
264	59.1	54.4	81.6
268	60.1	61.3	91.9#



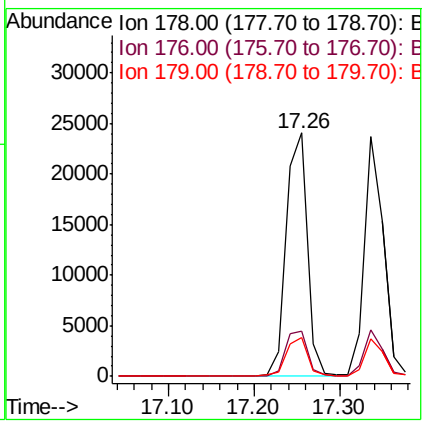


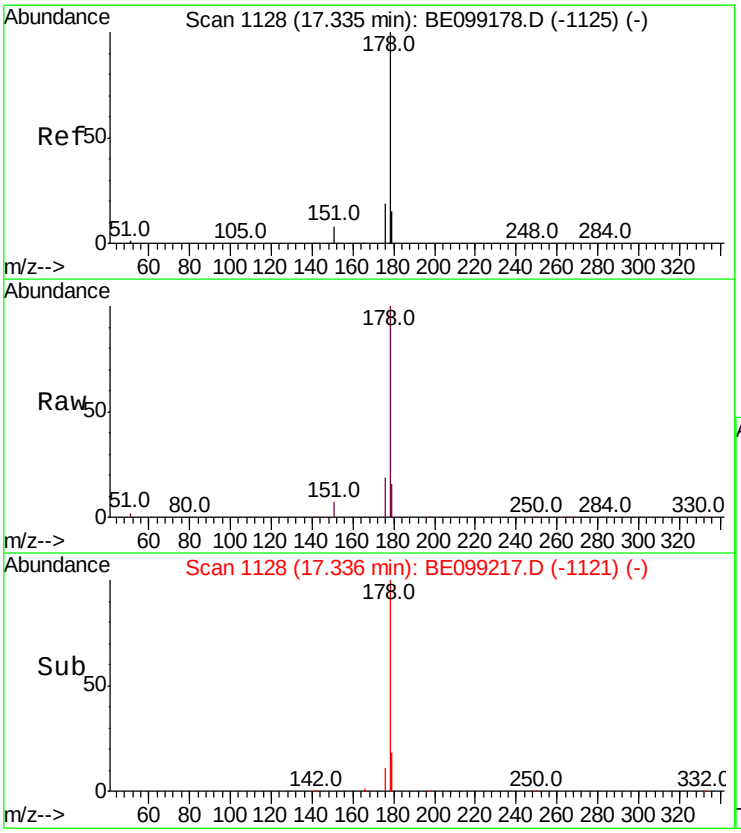
#23
Phenanthrene
Concen: 0.338 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 40672

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.3	18.5

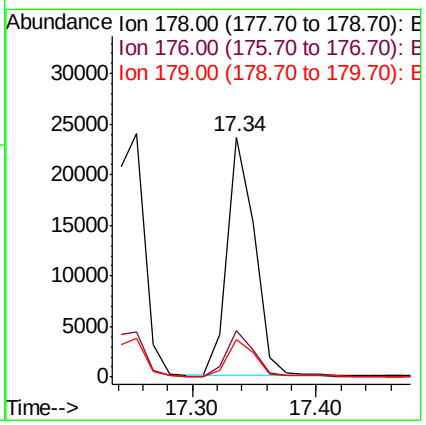


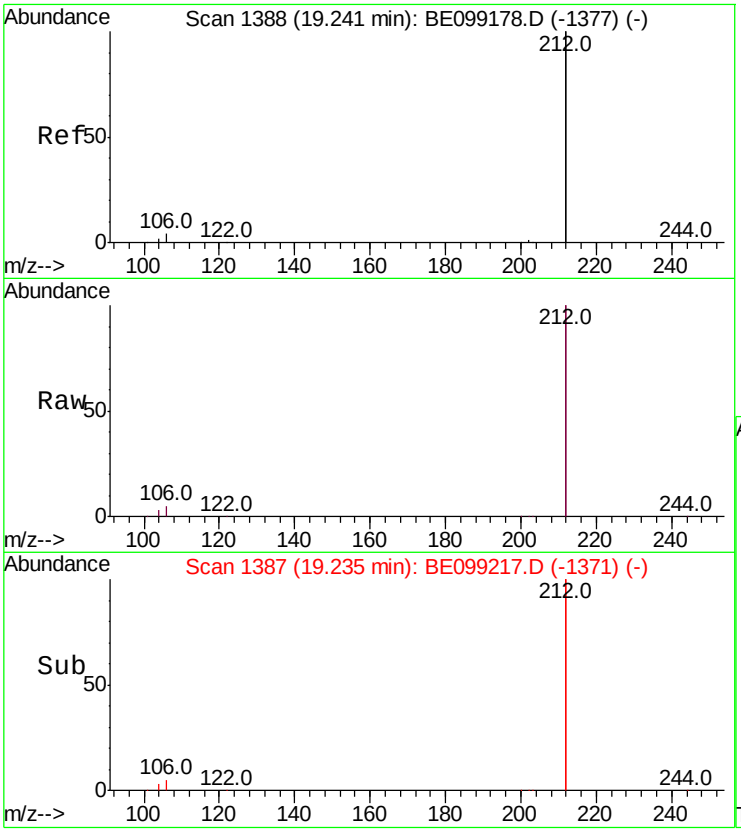


#24
Anthracene
Concen: 0.334 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:178 Resp: 36269

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.4	18.6



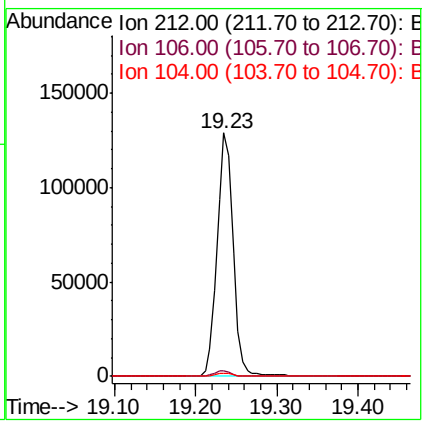


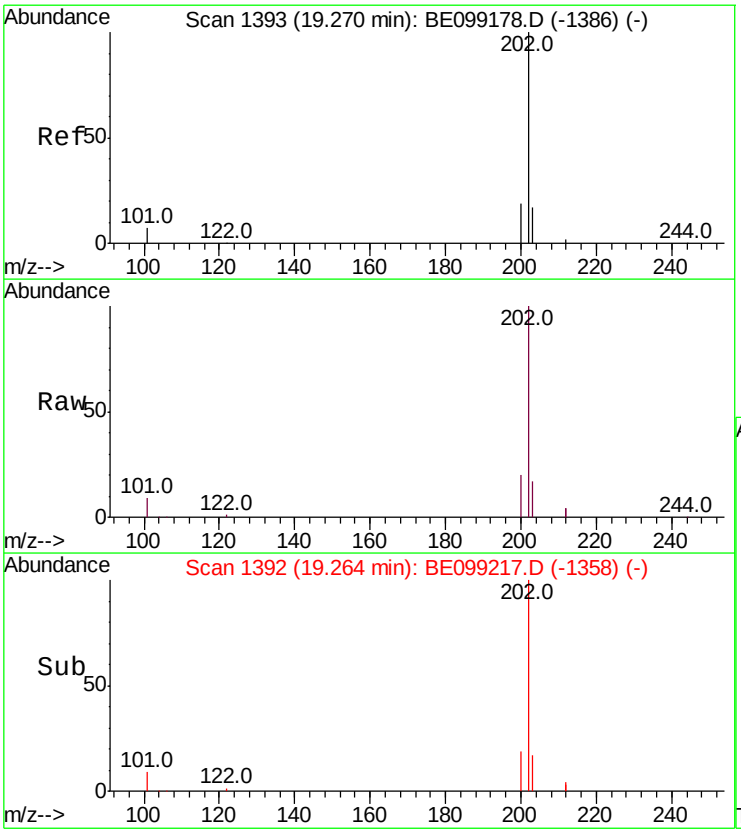
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.23 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 175779

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7

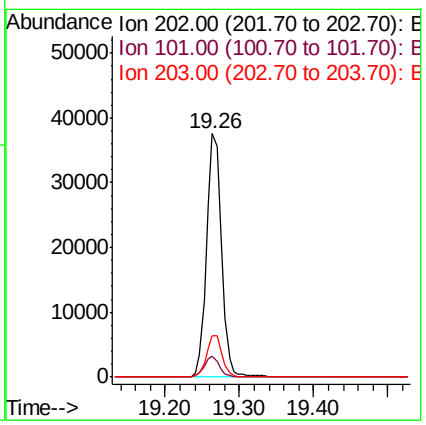


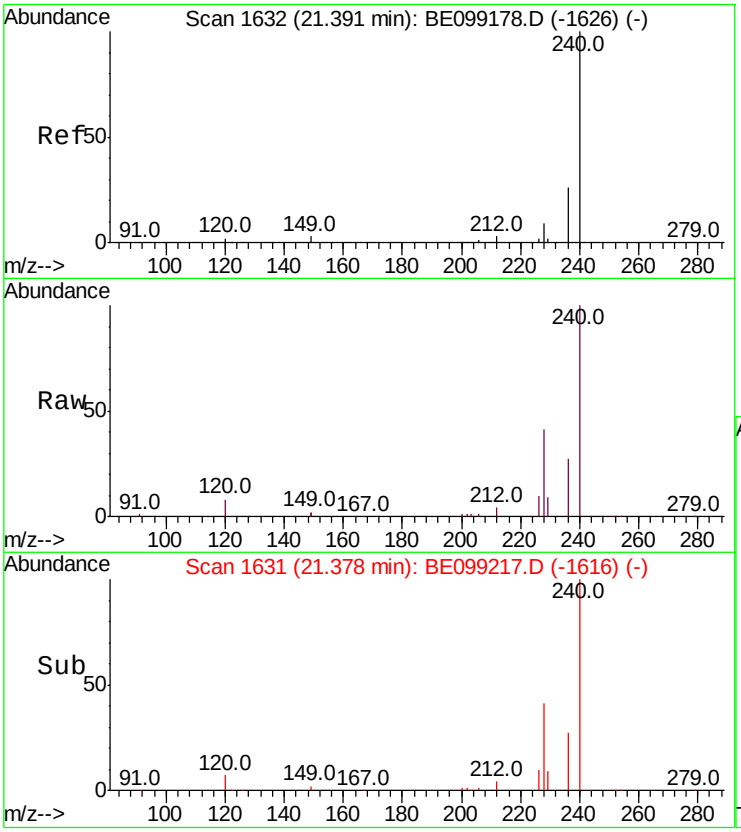


#26
Fluoranthene
Concen: 0.340 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:202 Resp: 52150

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



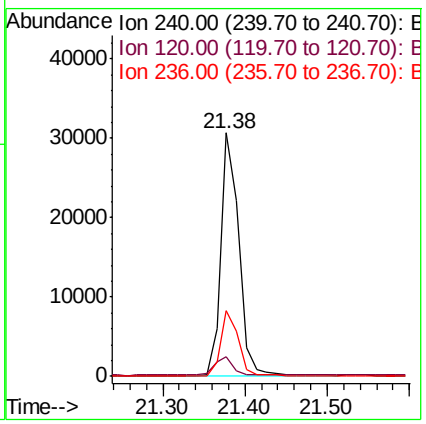


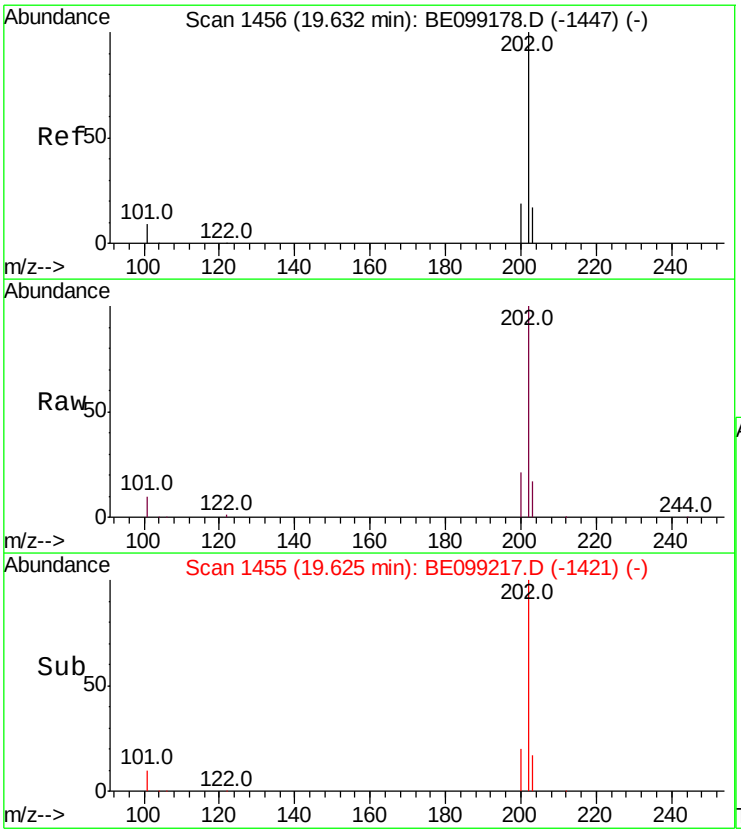
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 46973

Ion	Ratio	Lower	Upper
240	100		
120	7.9	2.6	3.8#
236	27.1	20.9	31.3

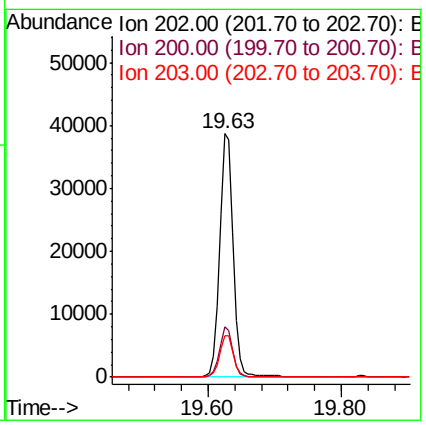


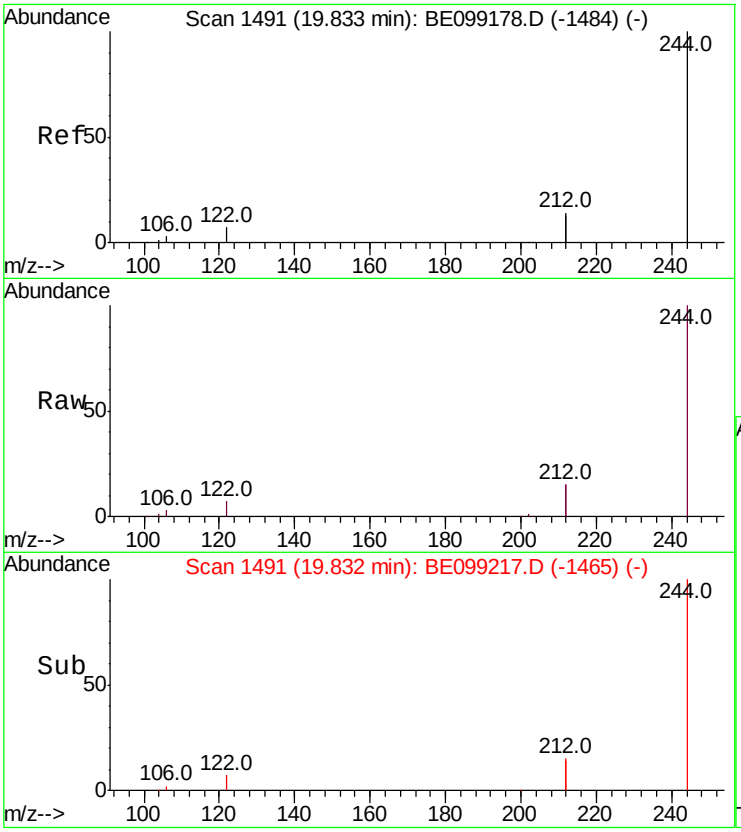


#28
Pyrene
Concen: 0.343 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:202 Resp: 53517

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.4	14.1	21.1



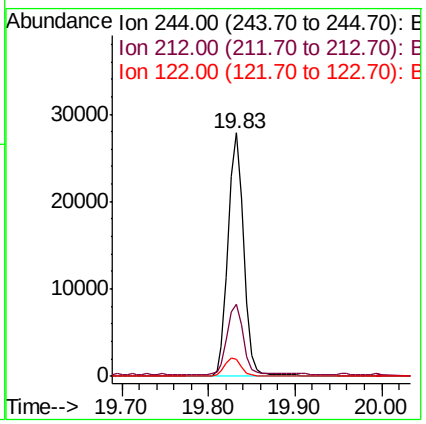


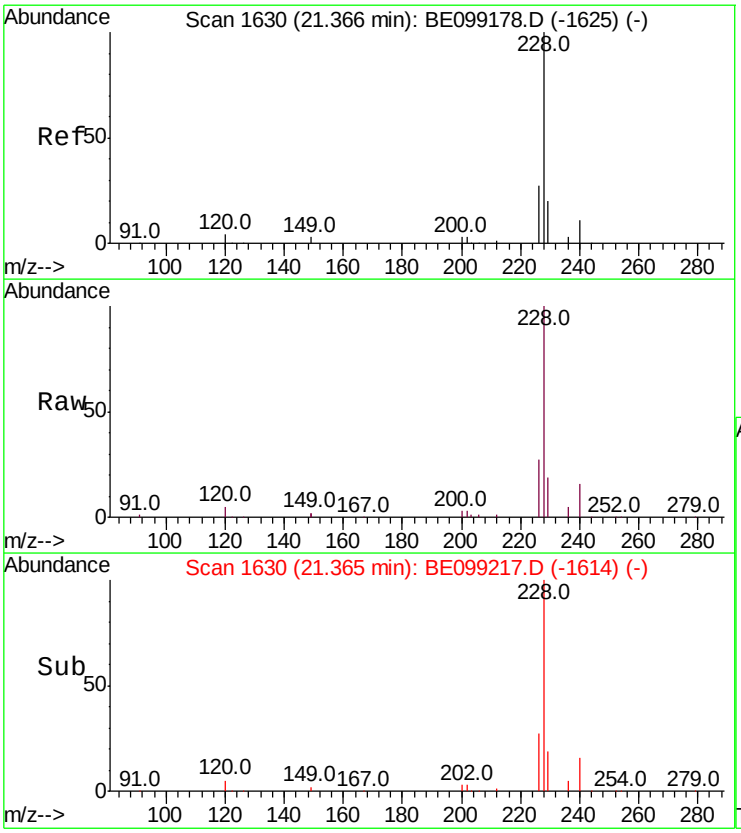
#29
Terphenyl-d14
Concen: 0.336 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 34287

Ion	Ratio	Lower	Upper
244	100		
212	29.9	22.7	34.1
122	6.9	5.8	8.6

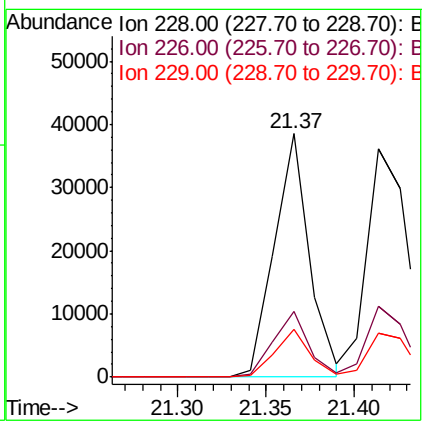


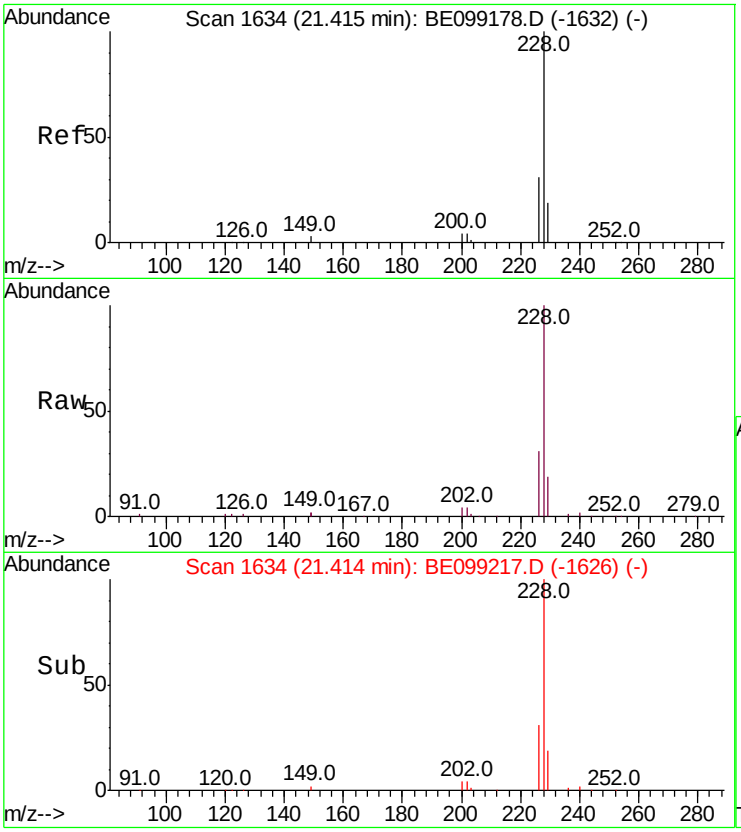


#30
Benzo(a)anthracene
Concen: 0.342 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:228 Resp: 53057

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.4	15.9	23.9



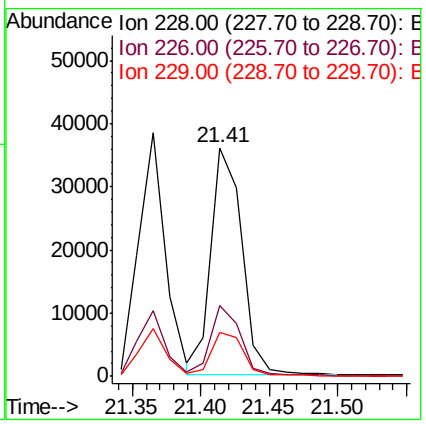


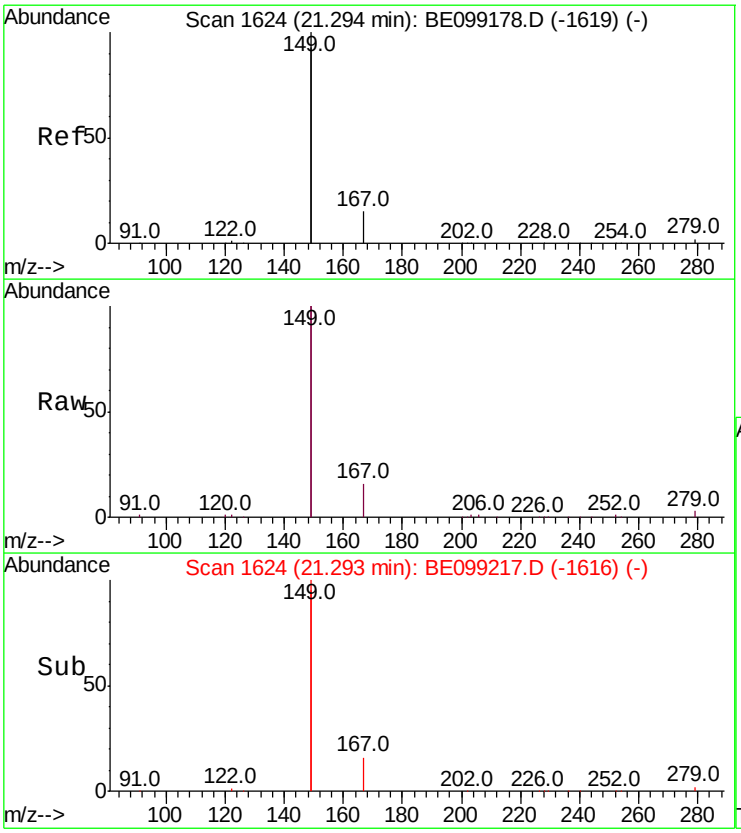
#31
Chrysene
Concen: 0.341 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 56543

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	19.4	15.4	23.0

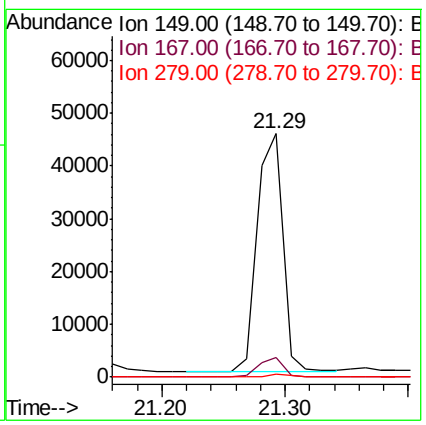


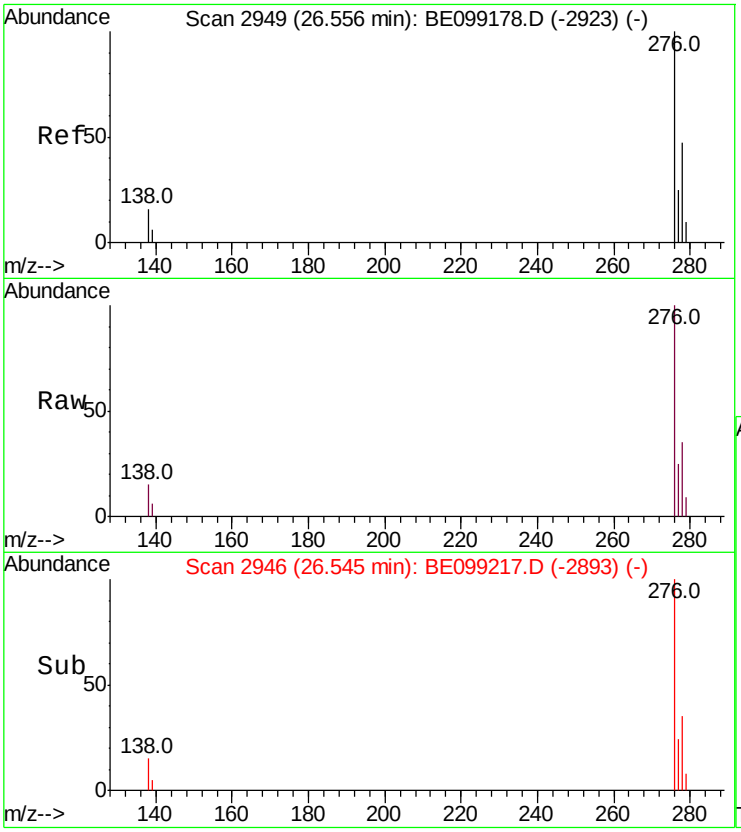


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:149 Resp: 65713

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.1	1.0	1.6



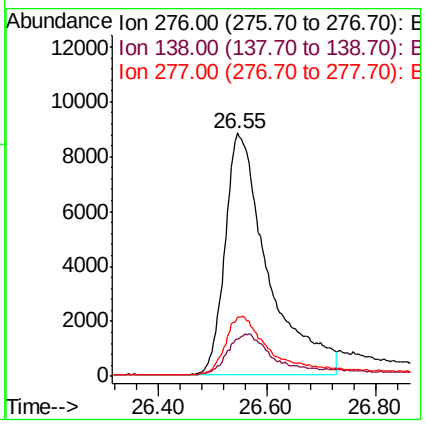


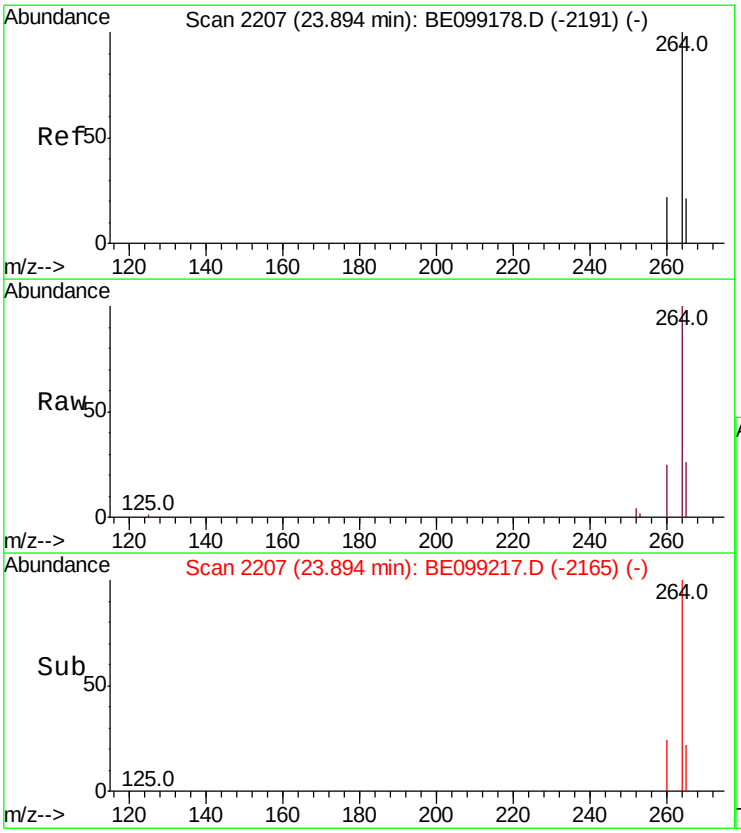
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 48652

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.9	19.3#
277	0.0	18.3	27.5#

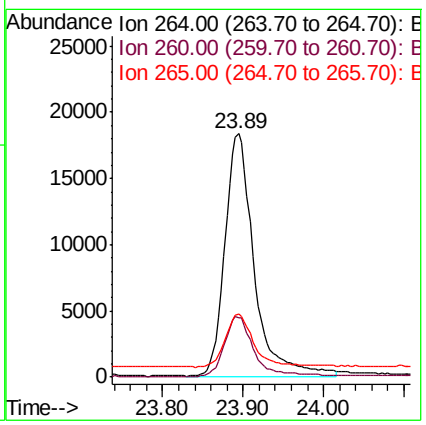


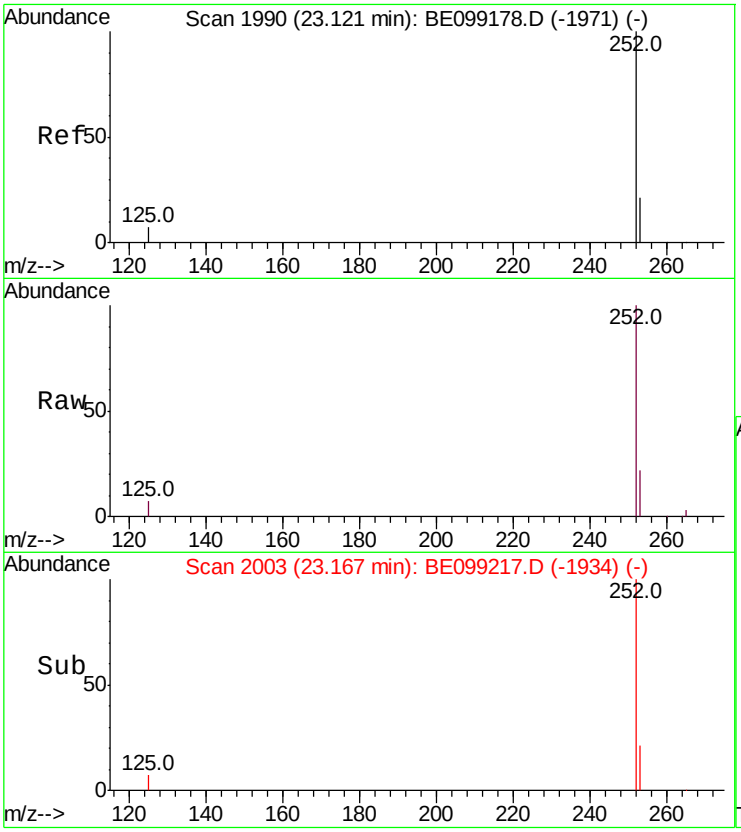


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:264 Resp: 46035

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	25.7	21.8	32.8



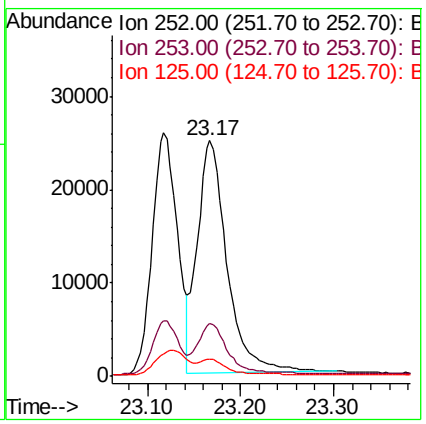


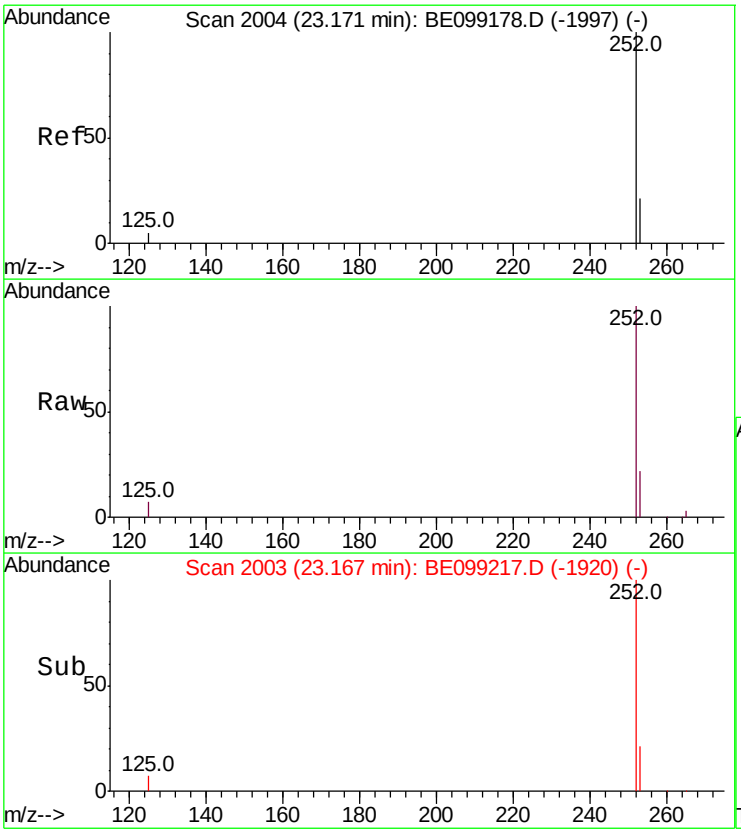
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 55347

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.3	6.1	9.1

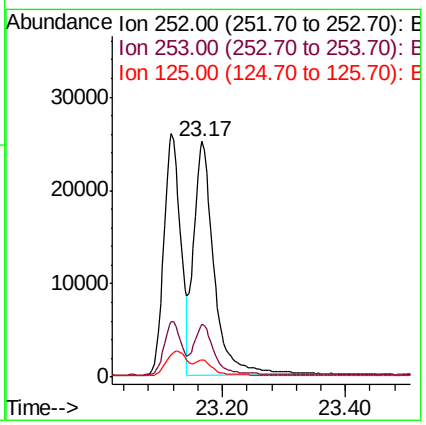


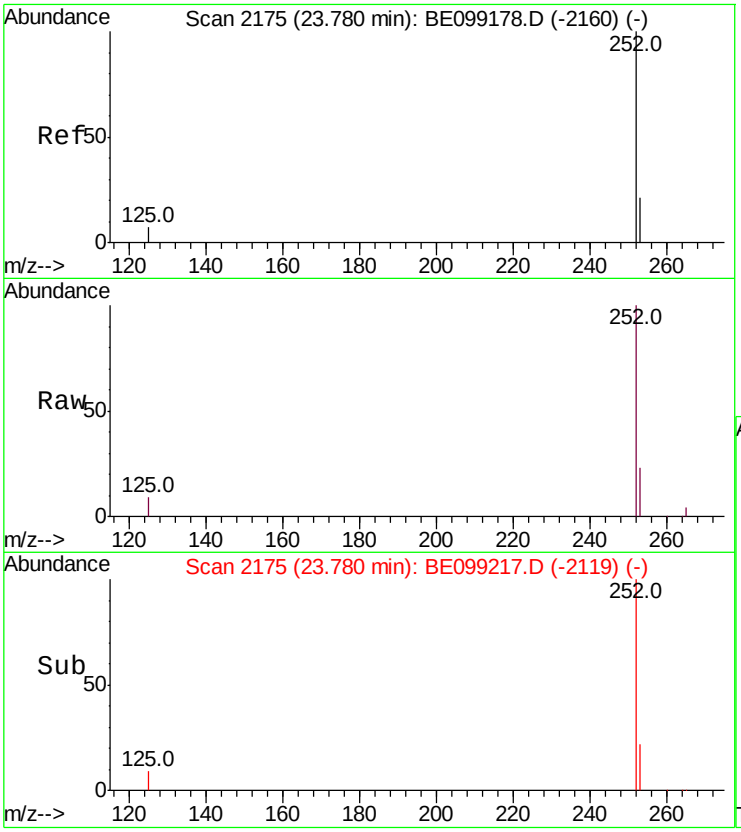


#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:252 Resp: 57683

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.3	5.9	8.9



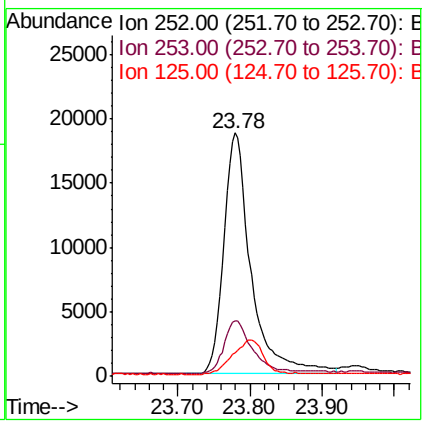


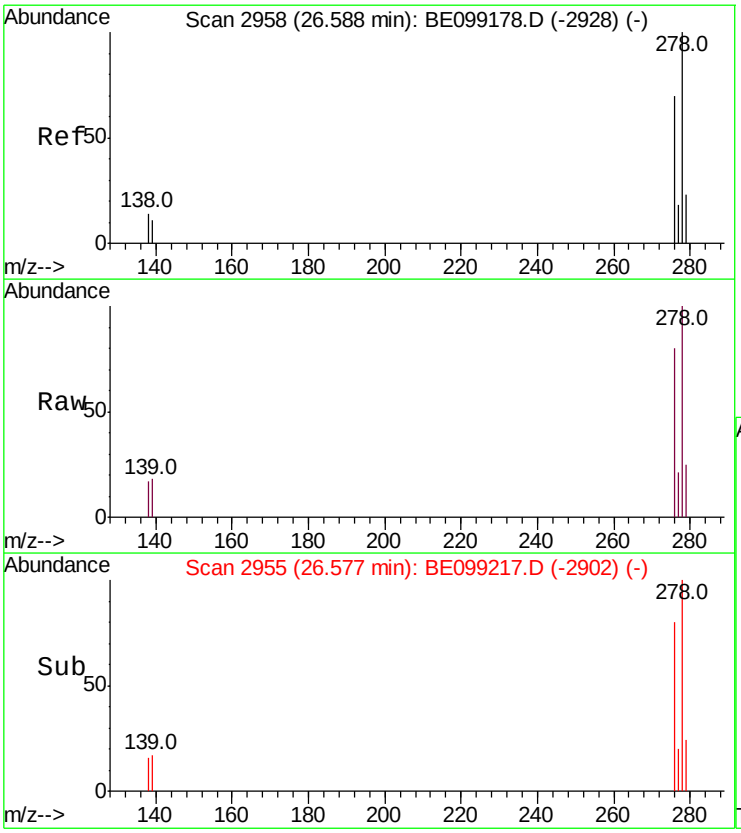
#37
Benzo(a)pyrene
Concen: 0.344 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 48693

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.5	6.8	10.2

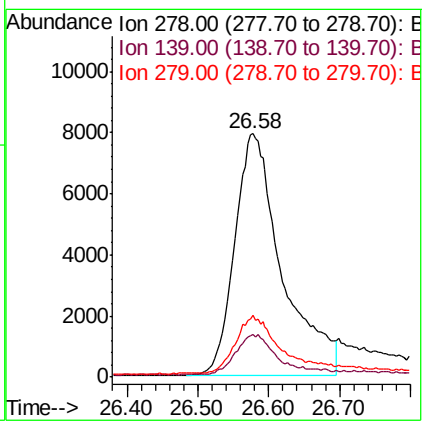


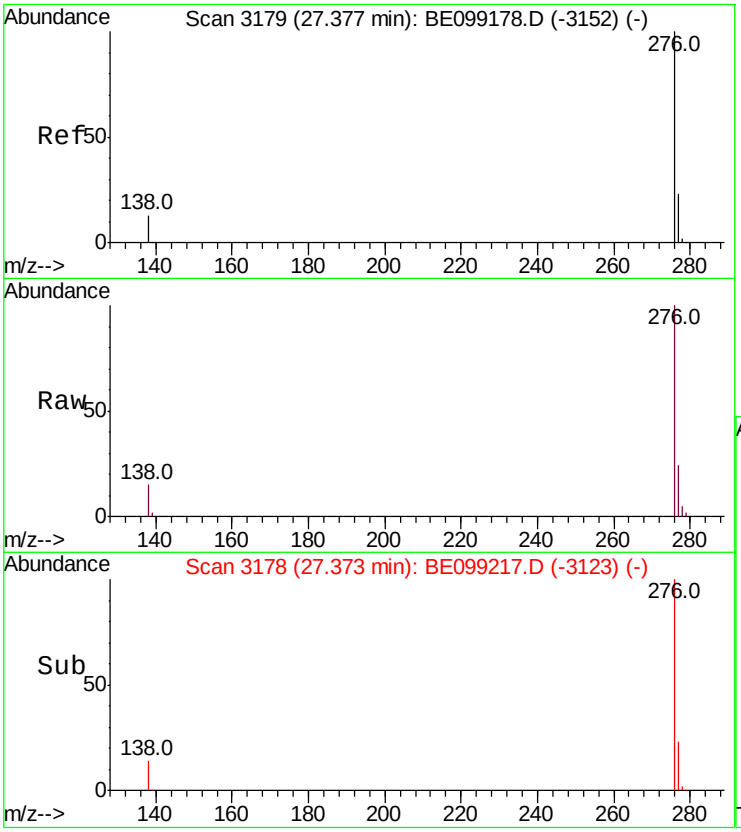


#38
Dibenzo(a,h)anthracene
Concen: 0.294 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion:278 Resp: 36935

Ion	Ratio	Lower	Upper
278	100		
139	17.5	9.5	14.3#
279	25.2	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.300 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 37799

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	15.2	11.1	16.7