Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099263.D
Acq On : 29 Mar 2019 20:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 29 22:57:49 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	3957	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	17628	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	13109	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	33944	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	40949	0.40	ng		-0.01
34) Perylene-d12	23.89	264	41809	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	5244	0.44	ng		-0.01
5) Phenol-d6	6.99	99	8068	0.45	ng		0.00
8) Nitrobenzene-d5	8.98	82	7199	0.50	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14936	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	2618	0.58	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	23025	0.43	ng		0.00
25) Fluoranthene-d10	19.23	212	192174	0.47	ng		-0.01
29) Terphenyl-d14	19.83	244	38565	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1992	0.382	ng		98
3) n-Nitrosodimethylamine	3.66	42	1272	0.436	ng	#	93
6) bis(2-Chloroethyl)ether	7.25	93	5761	0.406	ng		98
9) Naphthalene	10.67	128	88903	0.428	ng		99
10) Hexachlorobutadiene	10.95	225	5221	0.471	ng		96
12) 2-Methylnaphthalene	12.30	142	15692	0.422	ng		99
16) Acenaphthylene	14.20	152	28464	0.426	ng		100
17) Acenaphthene	14.53	154	16457	0.412	ng		99
18) Fluorene	15.50	166	22966	0.409	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	9031	0.412	ng	#	81
21) Hexachlorobenzene	16.50	284	8829	0.417	ng		98
22) Pentachlorophenol	16.85	266	2555	0.993	ng		87
23) Phenanthrene	17.24	178	41160	0.413	ng		100
24) Anthracene	17.33	178	38215	0.424	ng		100
26) Fluoranthene	19.26	202	55973	0.440	ng		99
28) Pyrene	19.63	202	56641	0.416	ng		100
30) Benzo(a)anthracene	21.37	228	60875	0.451	ng		98
31) Chrysene	21.41	228	60181	0.417	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	103677	0.643	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	59047	0.432	ng		97
35) Benzo(b)fluoranthene	23.16	252	55562	0.404	ng		99
36) Benzo(k)fluoranthene	23.16	252	55562	0.382	ng		99
37) Benzo(a)pyrene	23.77	252	53575	0.417	ng	#	94
38) Dibenzo(a,h)anthracene	26.57	278	47654	0.417	ng	#	95
39) Benzo(g,h,i)perylene	27.36	276	46504	0.406	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099263.D
Acq On : 29 Mar 2019 20:14
Operator : JU/SJ
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Misc :
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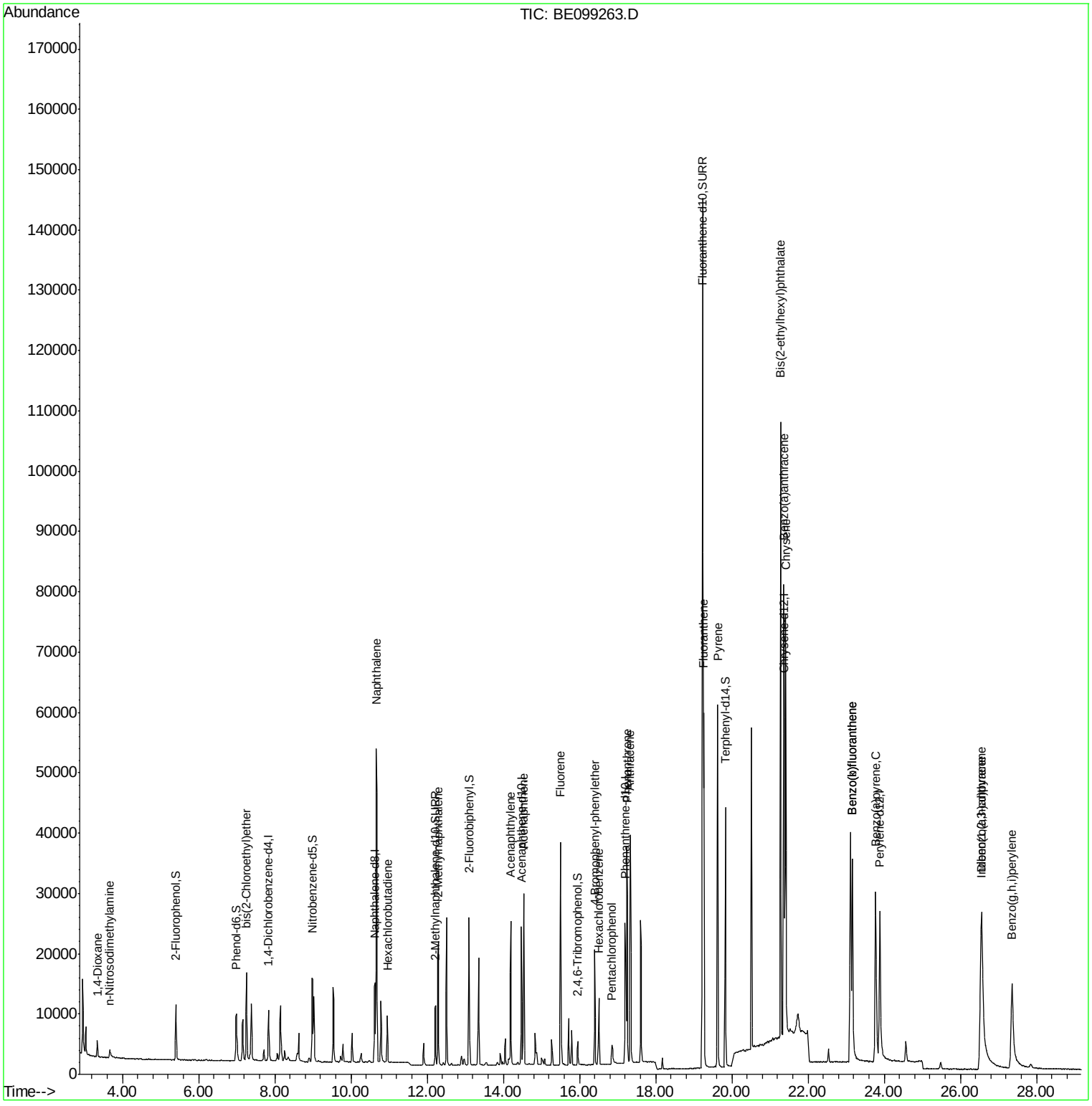
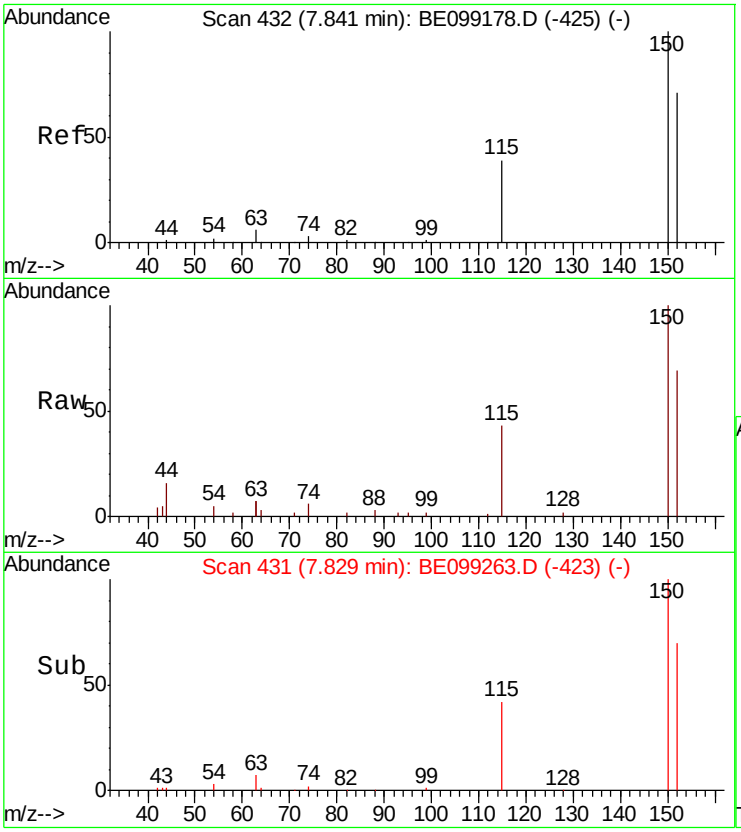
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 29 22:57:49 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



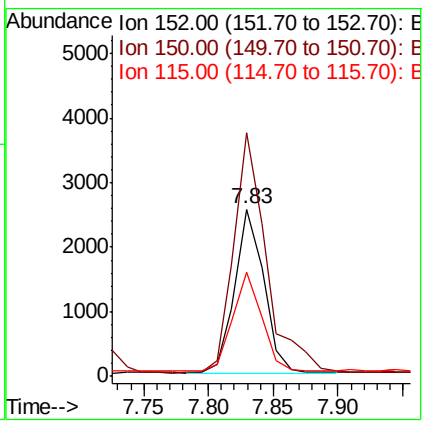


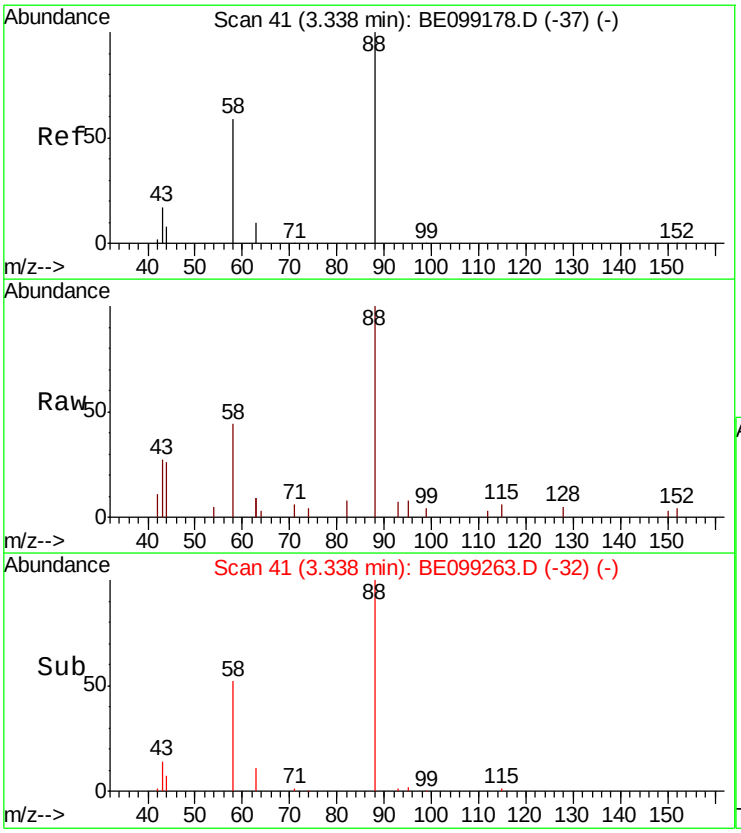
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3957

Ion	Ratio	Lower	Upper
152	100		
150	145.5	112.8	169.2
115	62.2	45.1	67.7

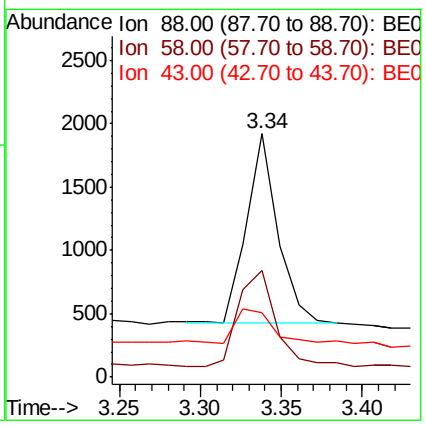


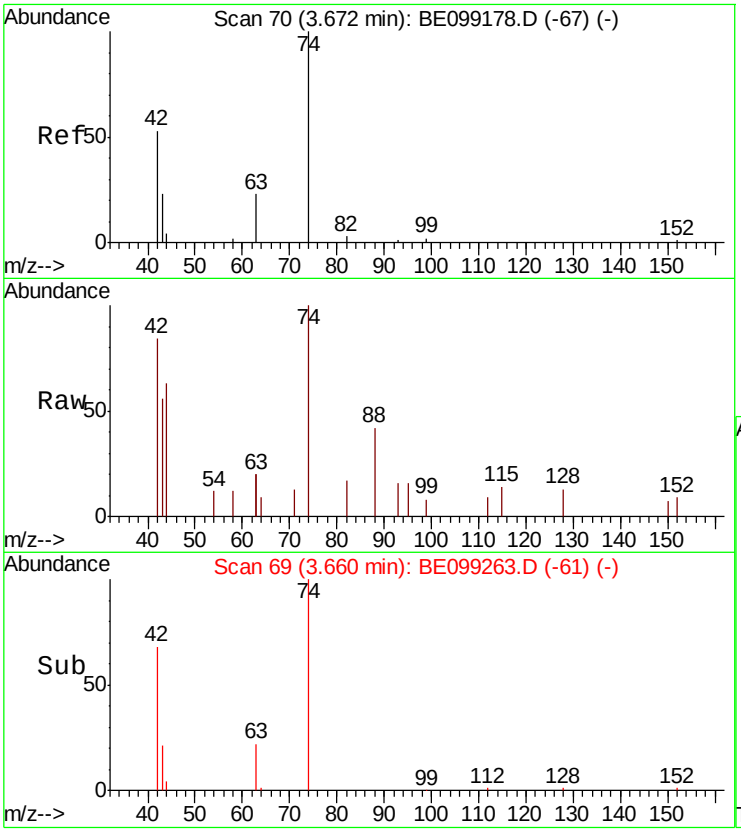


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion: 88 Resp: 1992

Ion	Ratio	Lower	Upper
88	100		
58	60.9	47.4	71.0
43	19.8	15.6	23.4



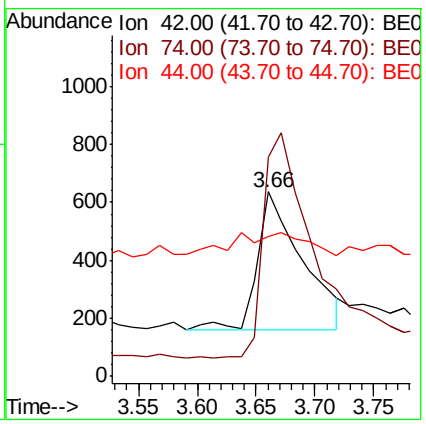


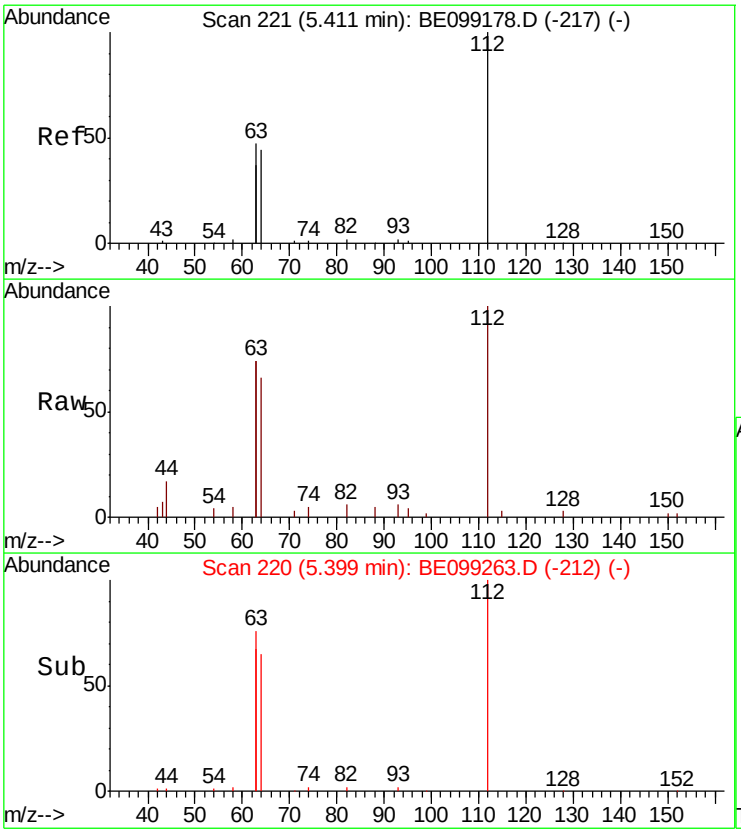
#3
n-Nitrosodimethylamine
Concen: 0.436 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1272

Ion	Ratio	Lower	Upper
42	100		
74	165.5	138.6	207.8
44	26.1	15.0	22.6#

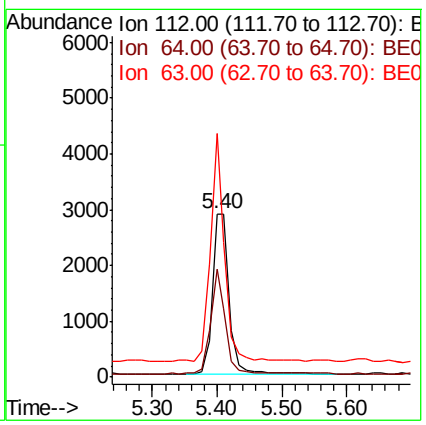


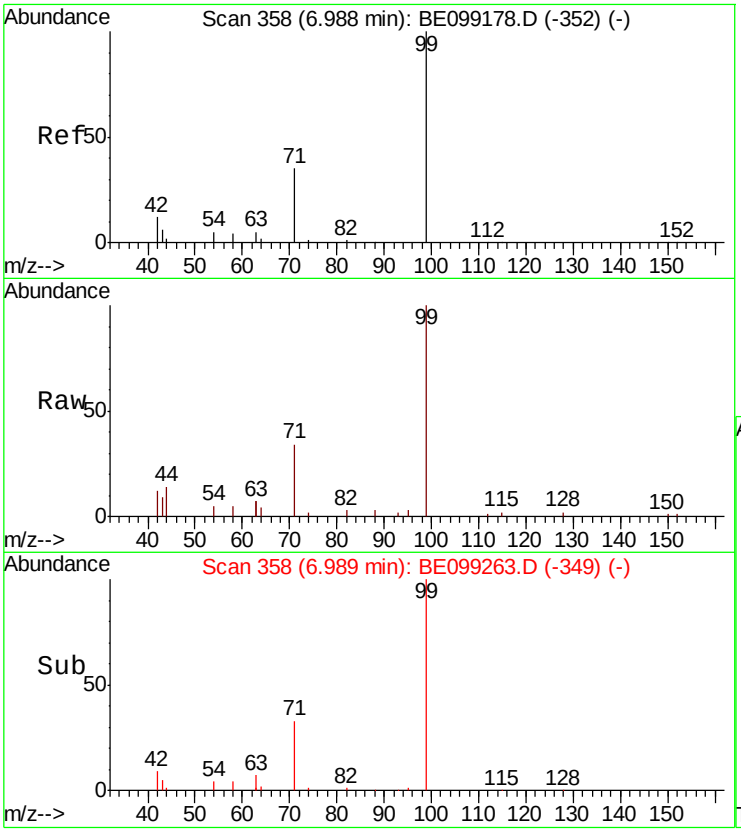


#4
2-Fluorophenol
Concen: 0.444 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:112 Resp: 5244

Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.2	69.2
63	119.9	89.9	134.9



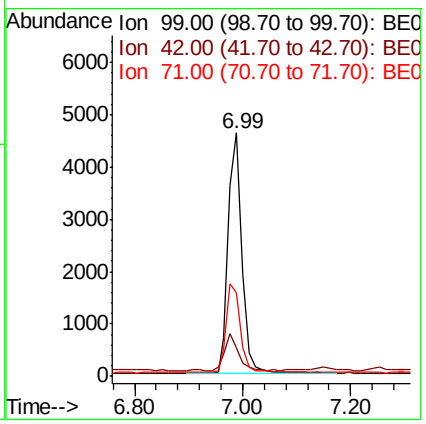


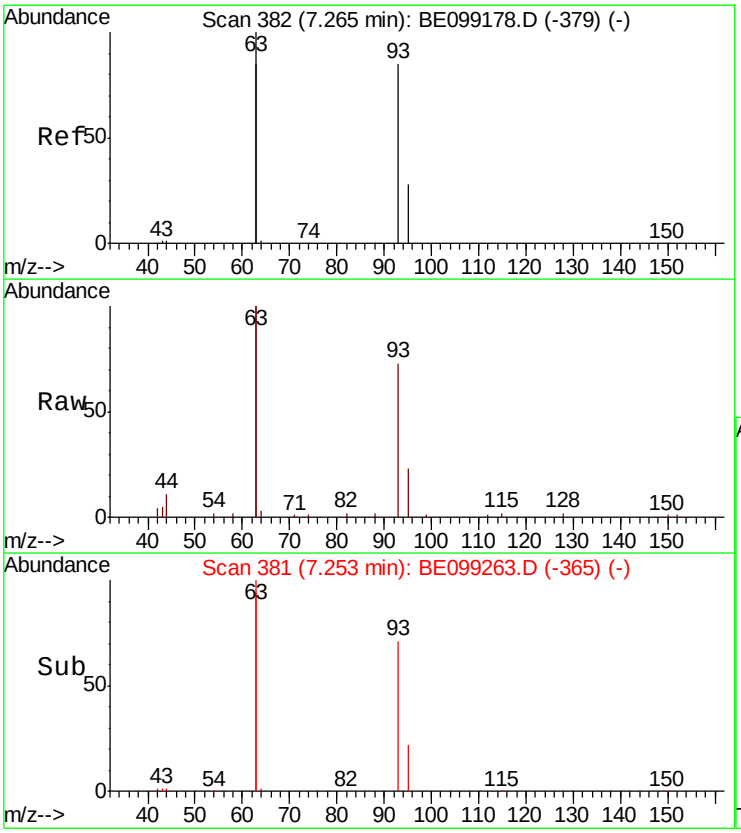
#5
Phenol-d6
Concen: 0.447 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8068

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.4	18.6
71	37.2	28.4	42.6

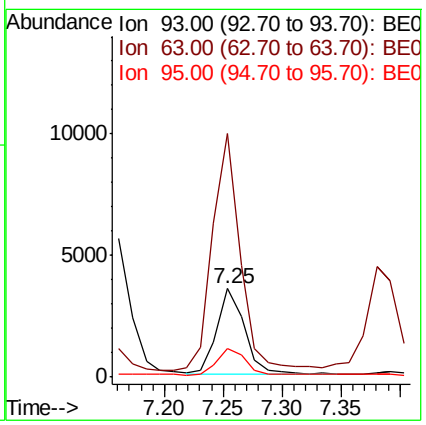


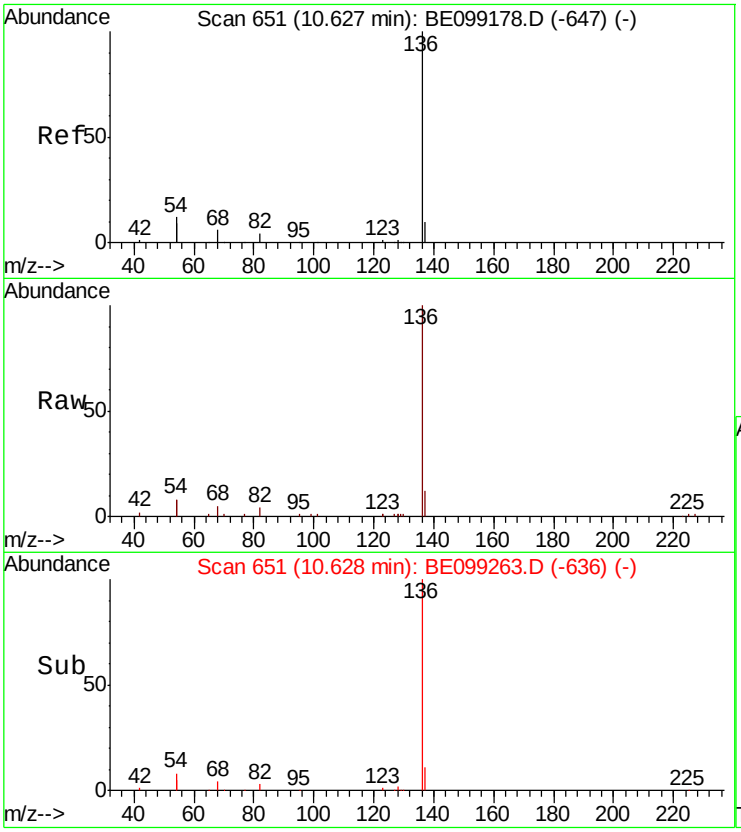


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion: 93 Resp: 5761

Ion	Ratio	Lower	Upper
93	100		
63	273.2	221.4	332.0
95	32.0	25.8	38.8



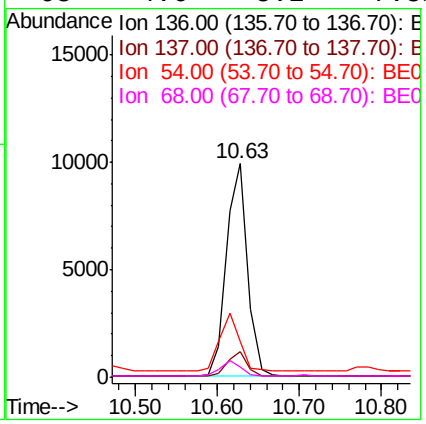


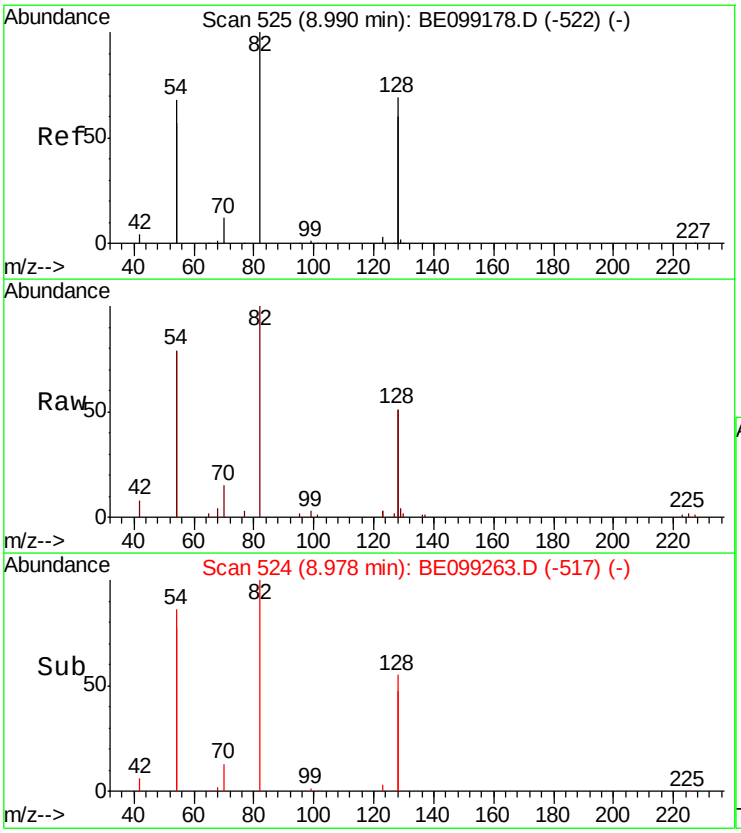
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 17628

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	16.6	18.7	28.1#
68	4.6	5.2	7.8#

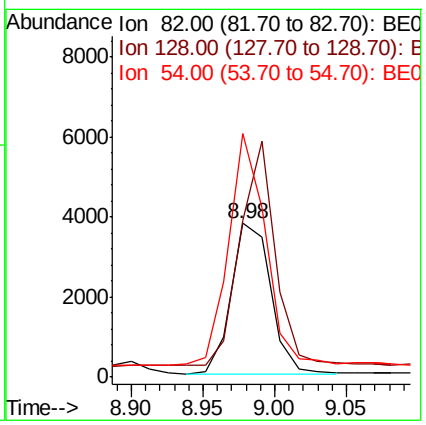


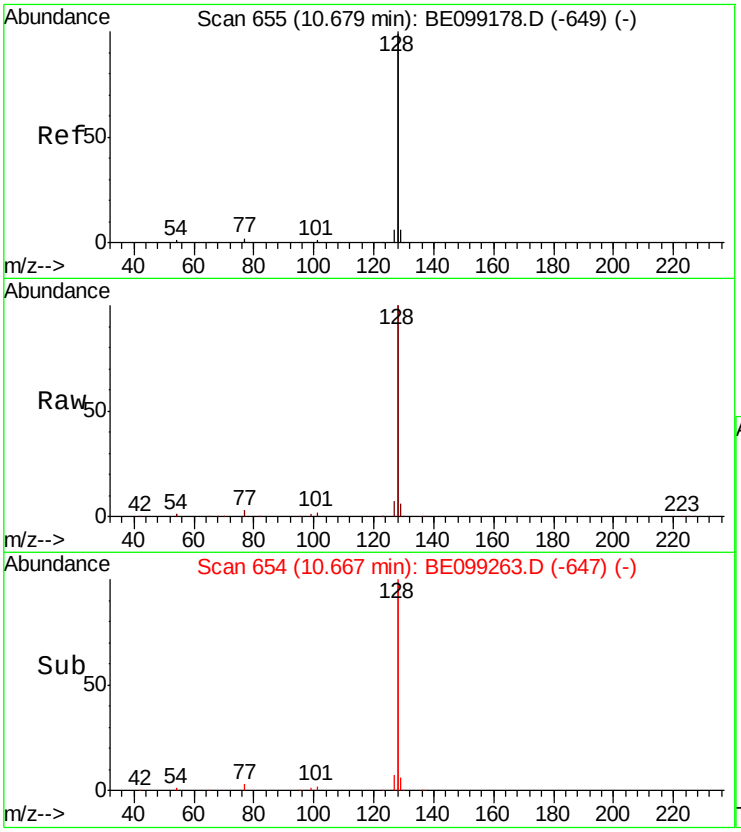


#8
Nitrobenzene-d5
Concen: 0.500 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion: 82 Resp: 7199

Ion	Ratio	Lower	Upper
82	100		
128	101.5	107.5	161.3#
54	158.4	106.3	159.5



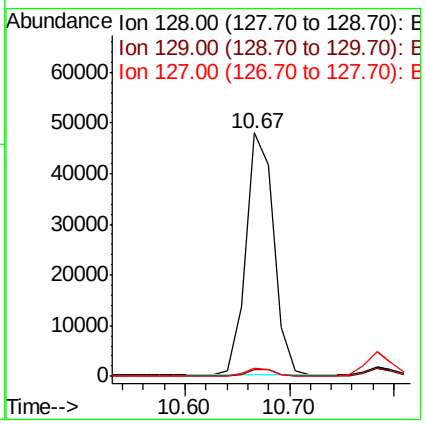


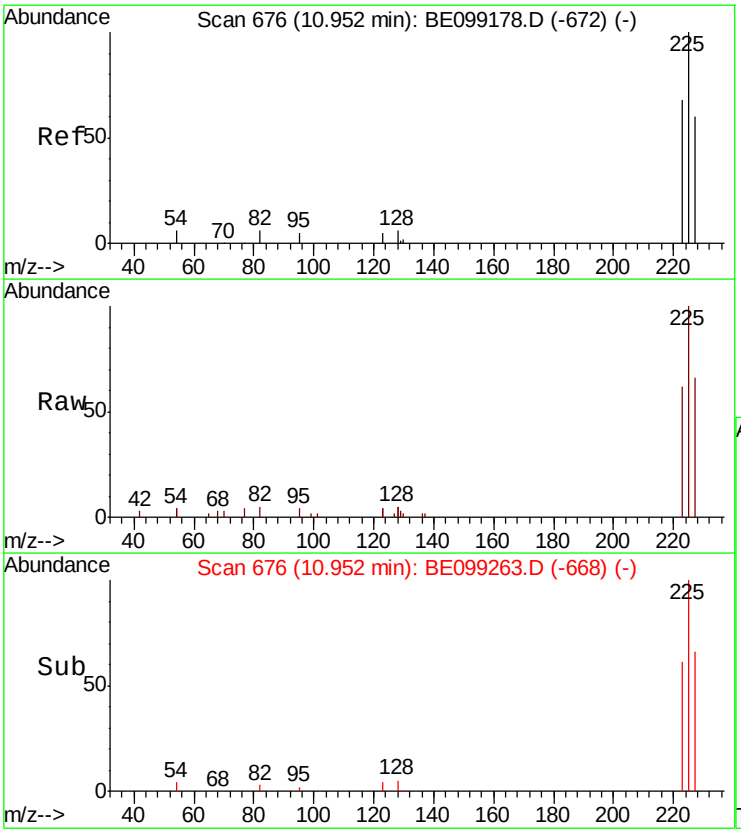
#9
Naphthalene
Concen: 0.428 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 88903

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

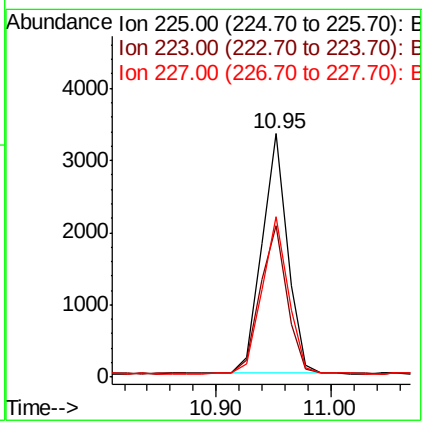


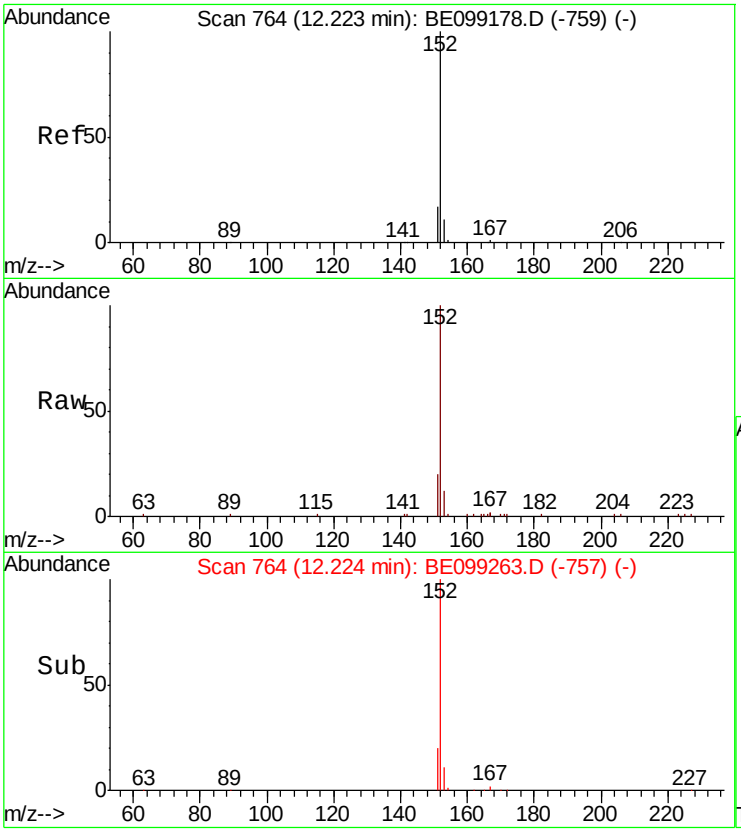


#10
Hexachlorobutadiene
Concen: 0.471 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:225 Resp: 5221

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.3	76.9
227	66.7	48.6	73.0



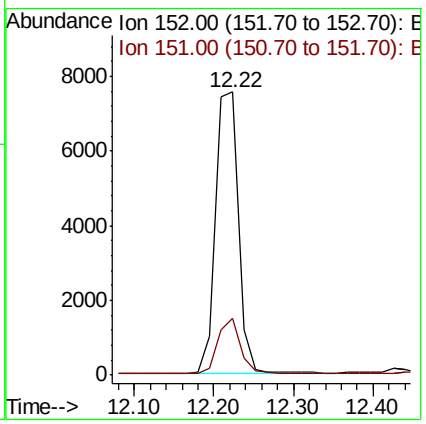


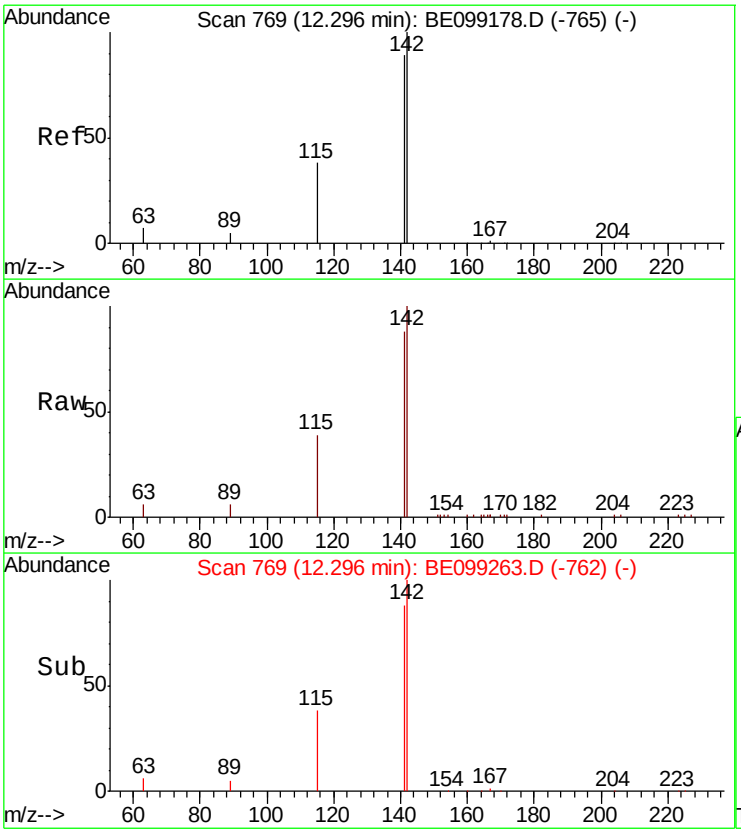
#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14936

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

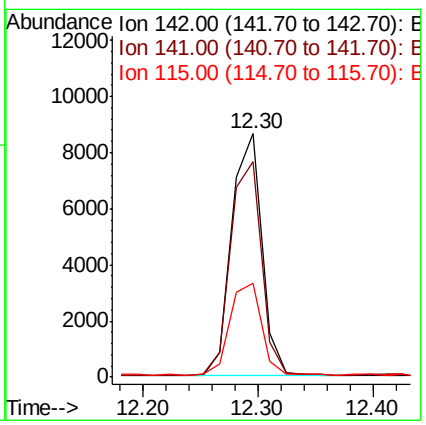


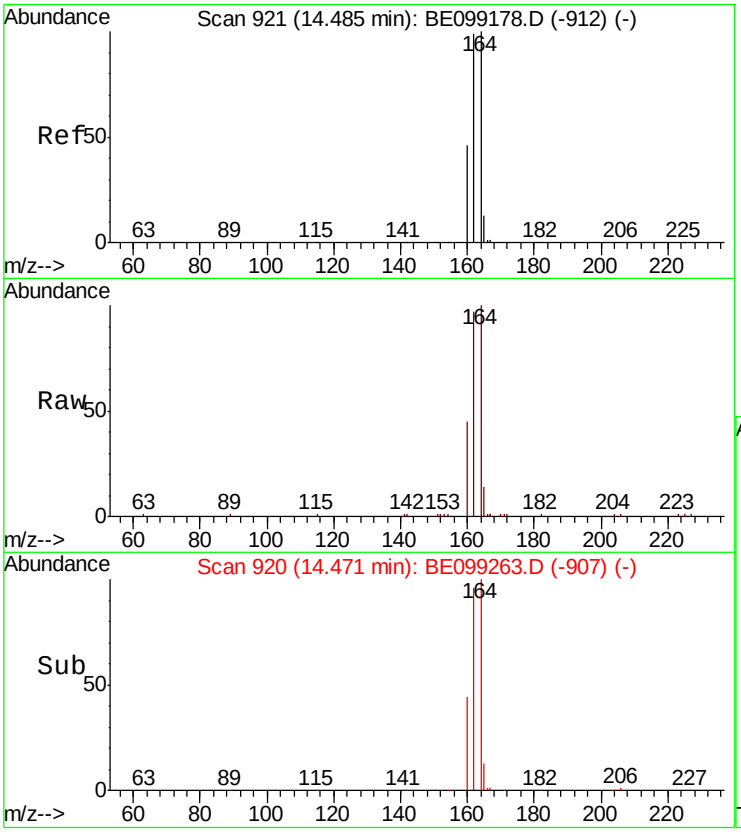


#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:142 Resp: 15692

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	38.8	30.4	45.6



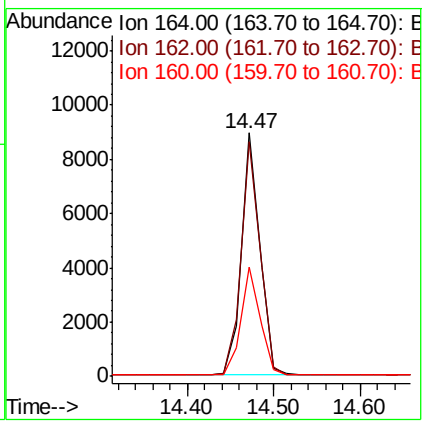


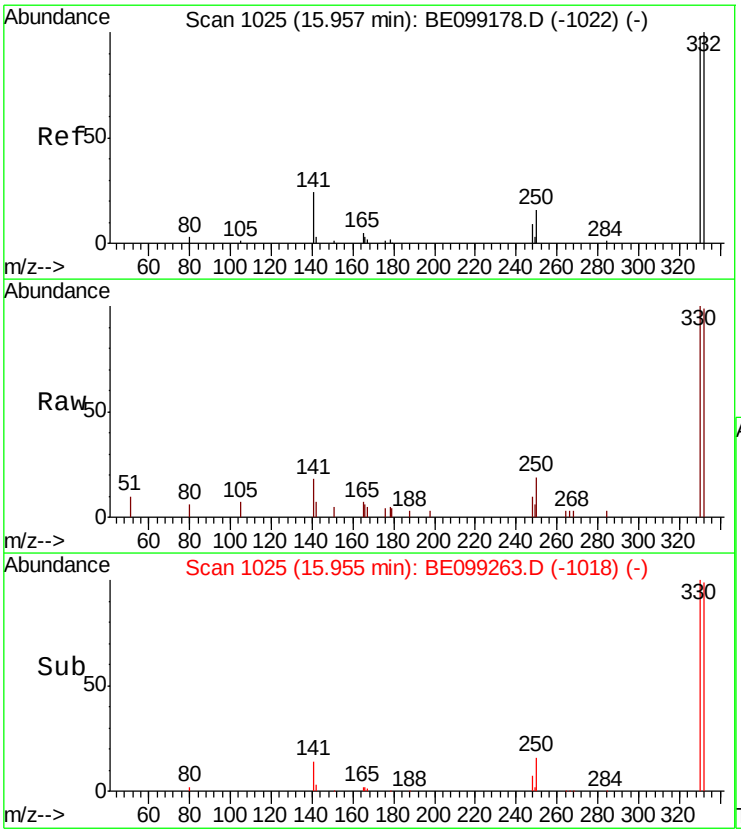
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 13109

Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.2	118.8
160	44.7	36.7	55.1

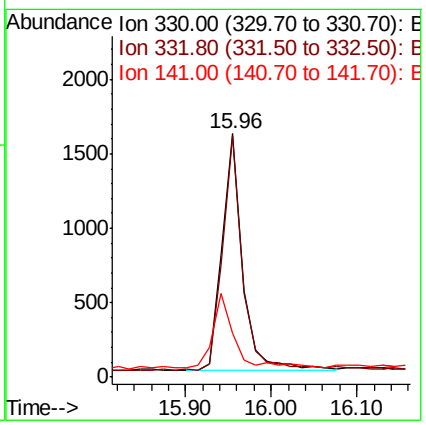


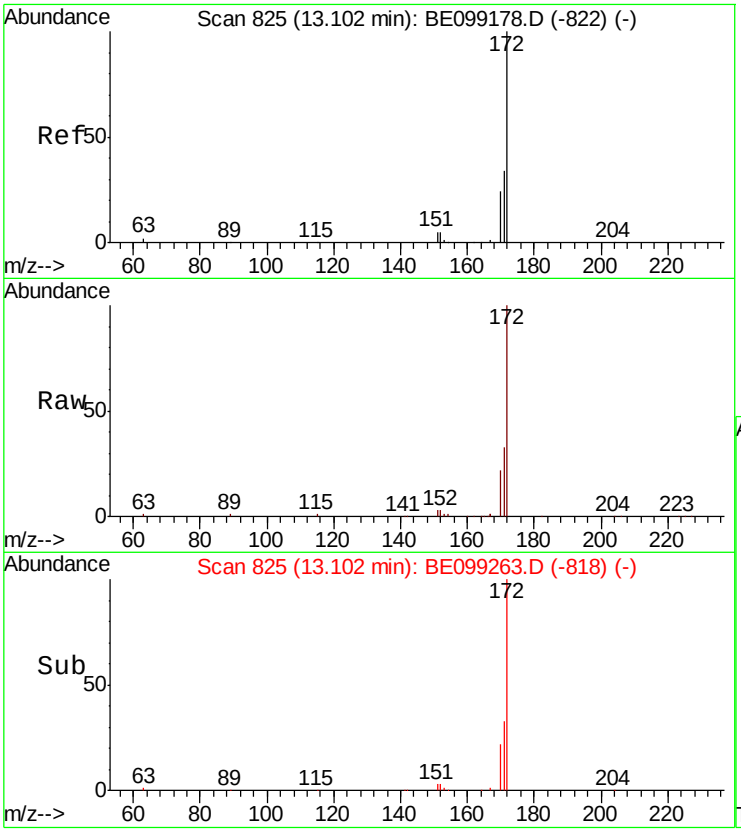


#14
2,4,6-Tribromophenol
Concen: 0.578 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:330 Resp: 2618

Ion	Ratio	Lower	Upper
330	100		
332	100.1	71.3	106.9
141	33.7	21.7	32.5#



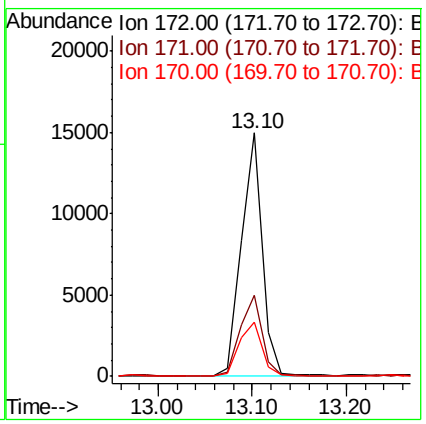


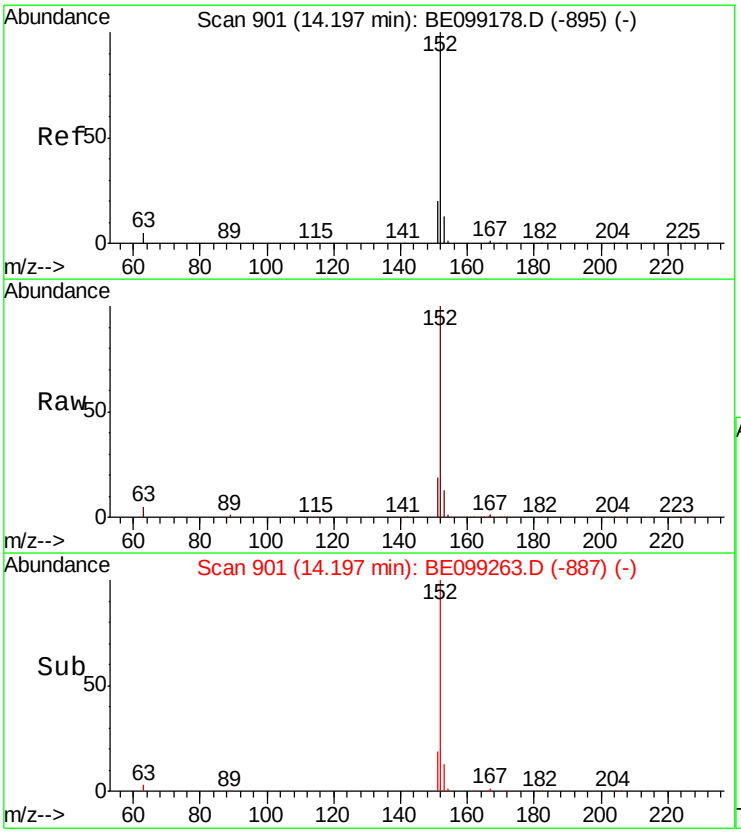
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 23025

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.4	41.0
170	22.2	19.1	28.7

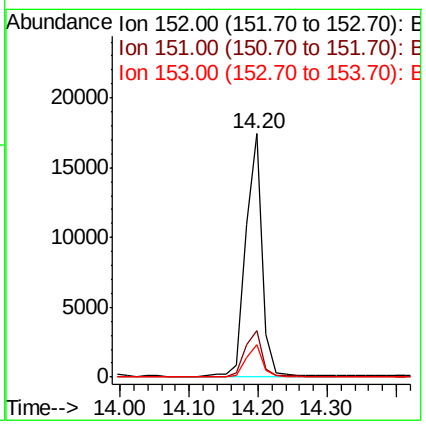


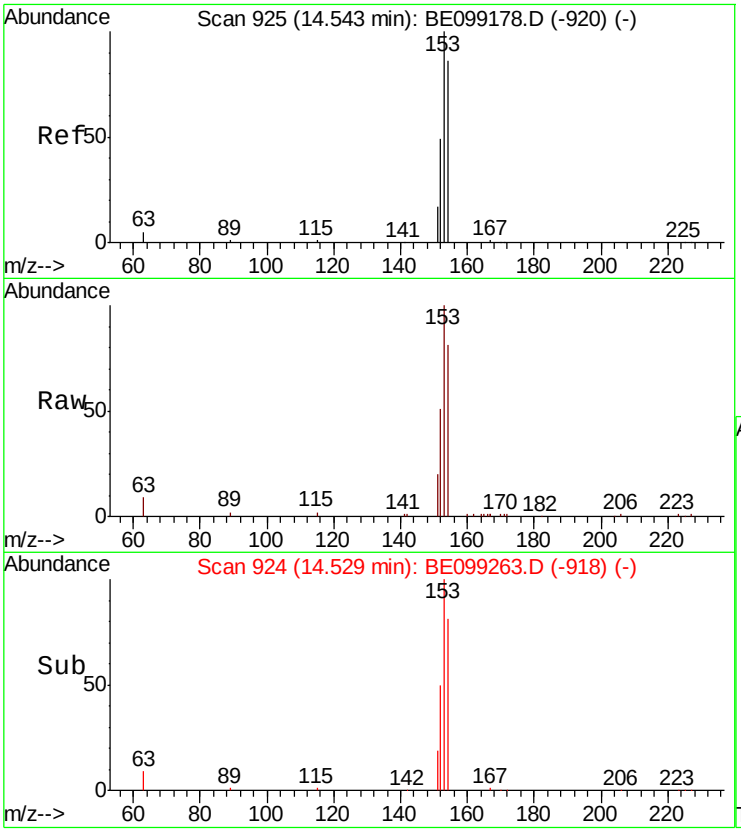


#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:152 Resp: 28464

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



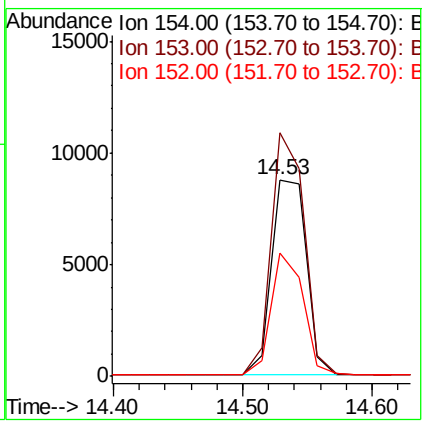


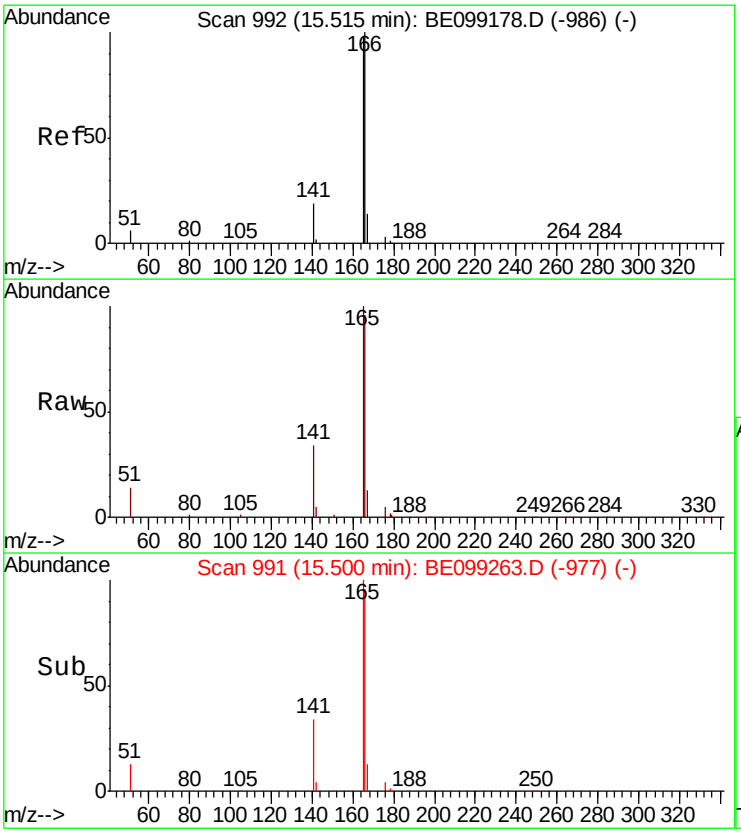
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 16457

Ion	Ratio	Lower	Upper
154	100		
153	116.9	93.4	140.0
152	56.9	46.6	69.8

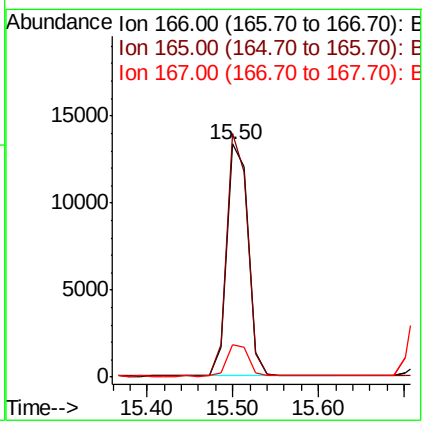


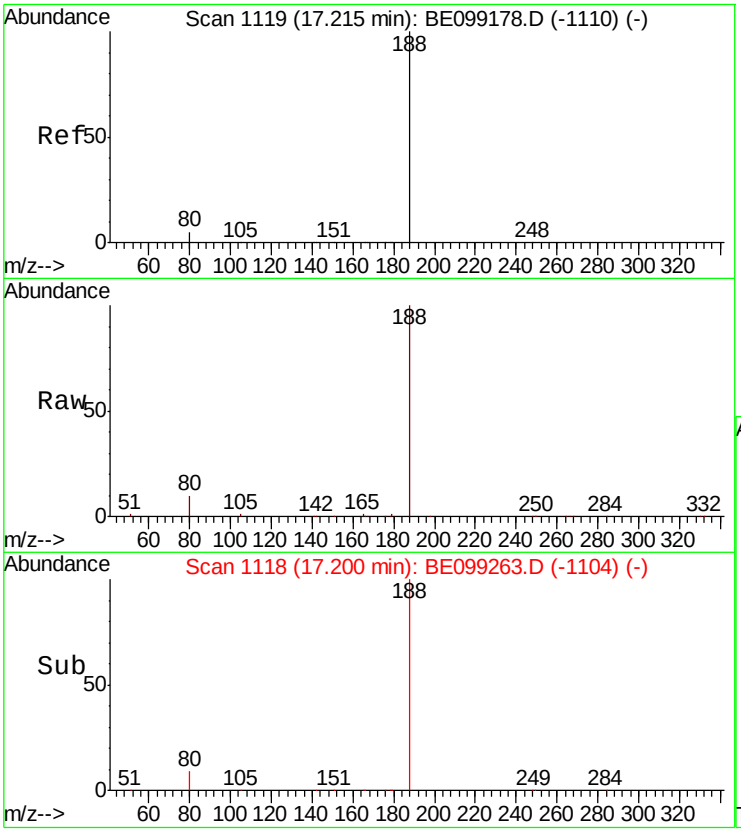


#18
Fluorene
Concen: 0.409 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:166 Resp: 22966

Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.9	118.3
167	13.8	10.9	16.3



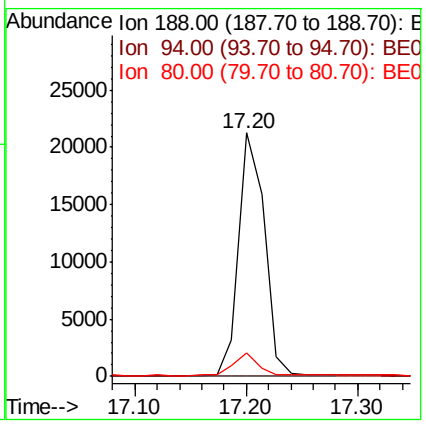


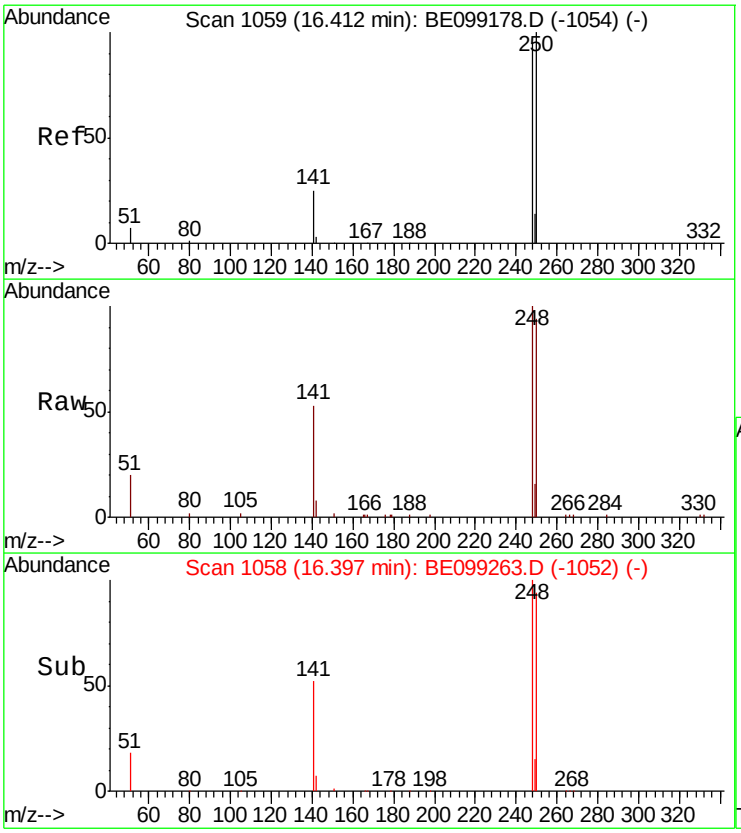
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 33944

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	4.5	6.7#

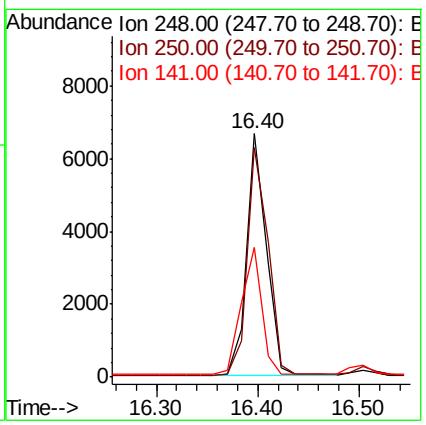


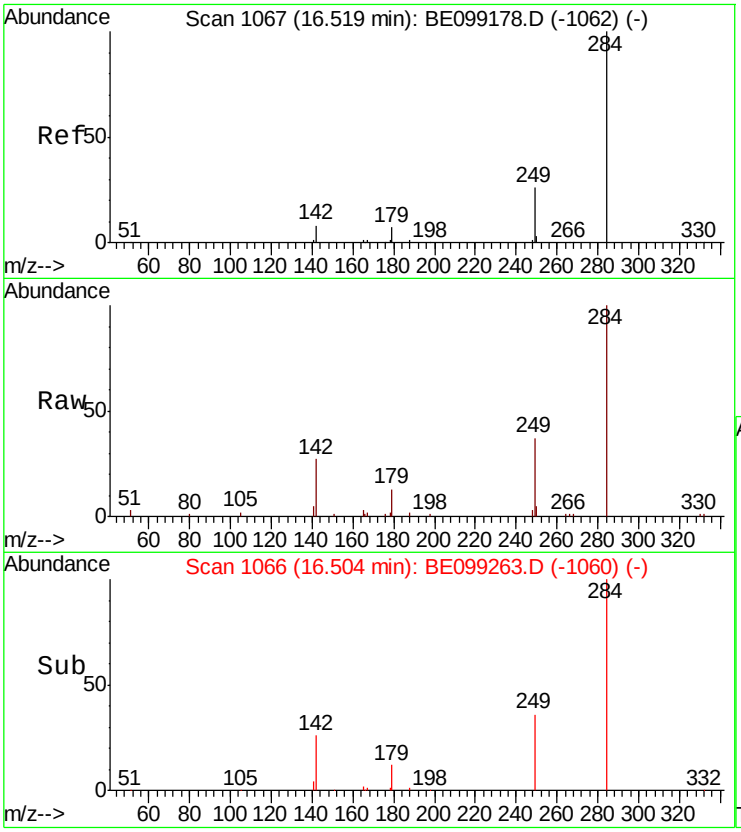


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:248 Resp: 9031

Ion	Ratio	Lower	Upper
248	100		
250	94.0	84.2	126.2
141	53.1	21.8	32.6#



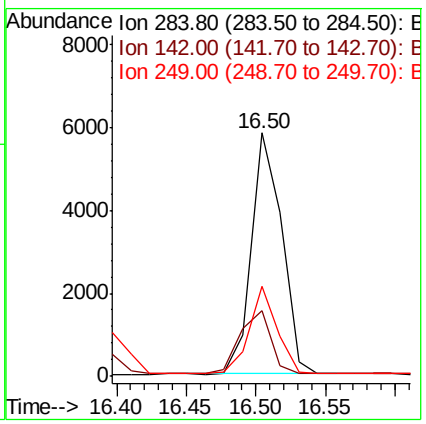


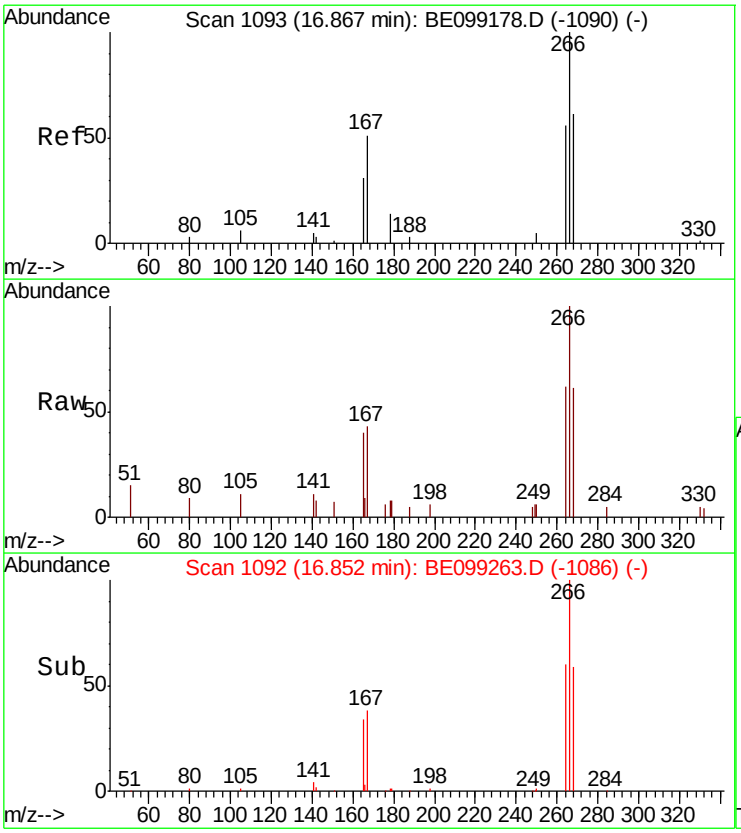
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 8829

Ion	Ratio	Lower	Upper
284	100		
142	26.5	22.7	34.1
249	33.5	26.9	40.3

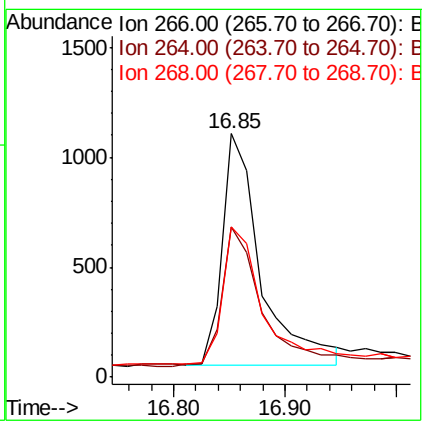


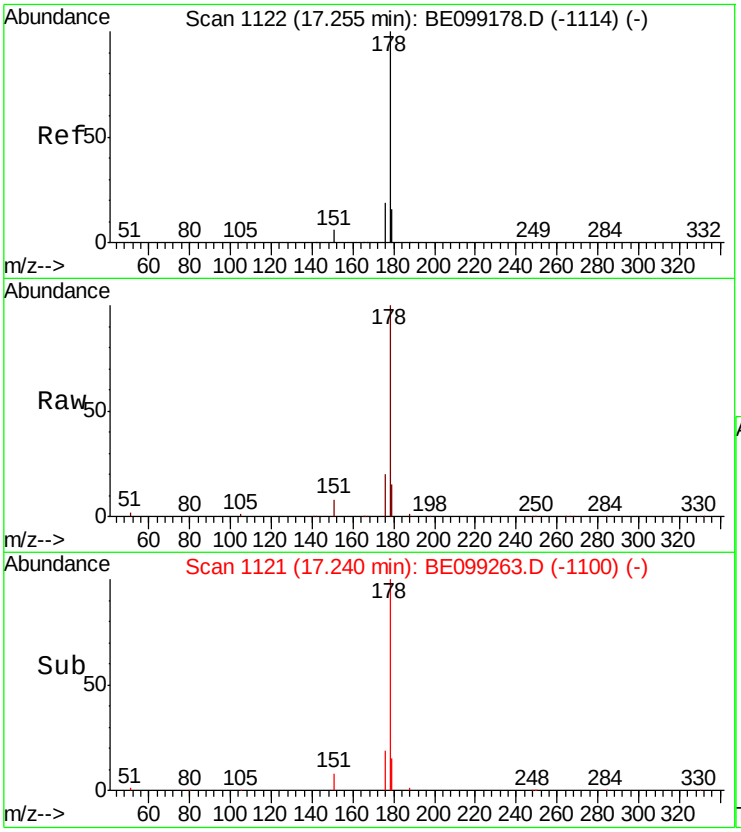


#22
Pentachlorophenol
Concen: 0.993 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:266 Resp: 2555

Ion	Ratio	Lower	Upper
266	100		
264	61.6	54.4	81.6
268	61.5	61.3	91.9



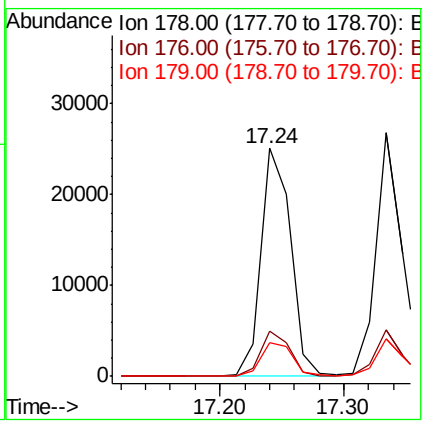


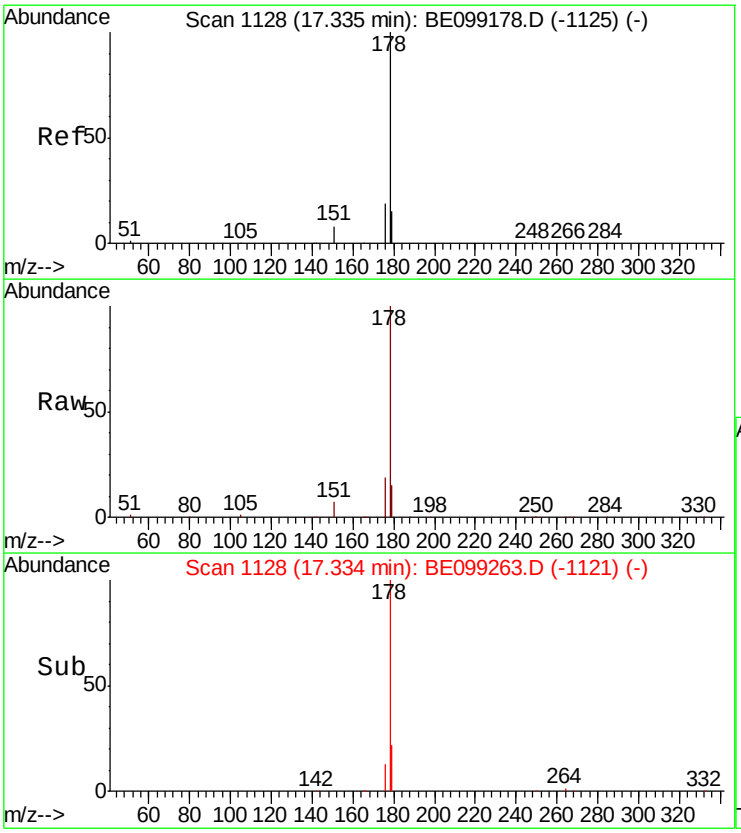
#23
Phenanthrene
Concen: 0.413 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 41160

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.3	18.5

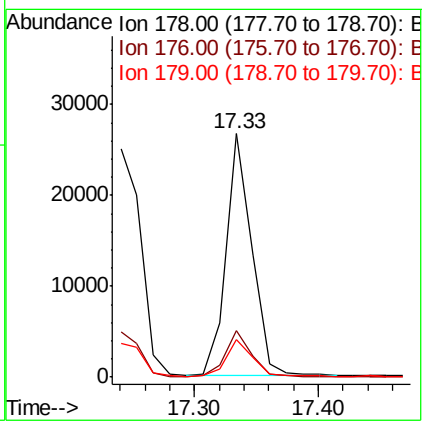


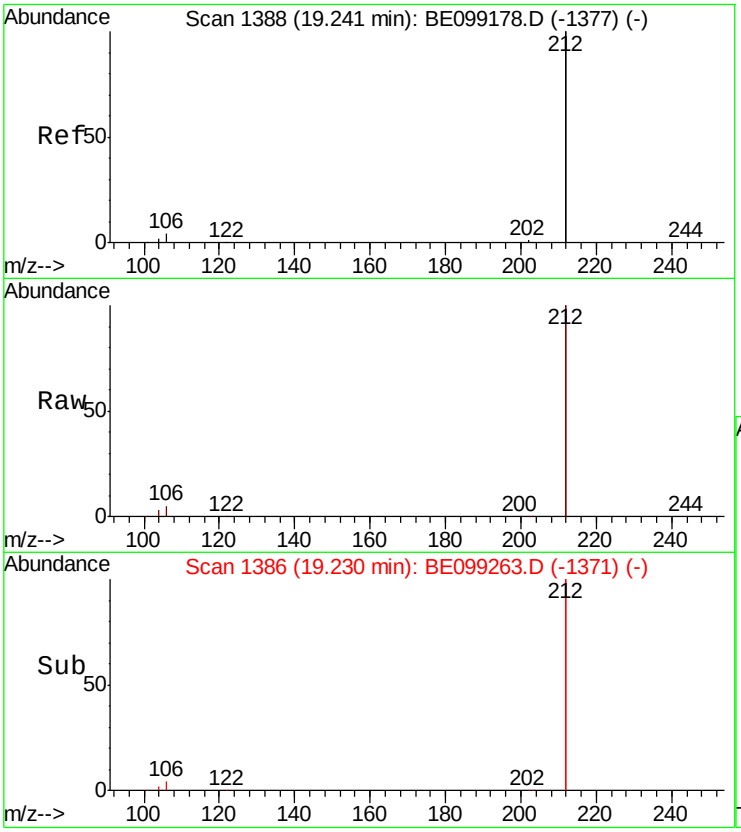


#24
Anthracene
Concen: 0.424 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:178 Resp: 38215

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.4	18.6



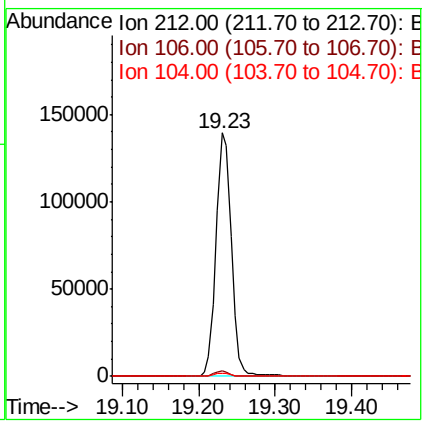


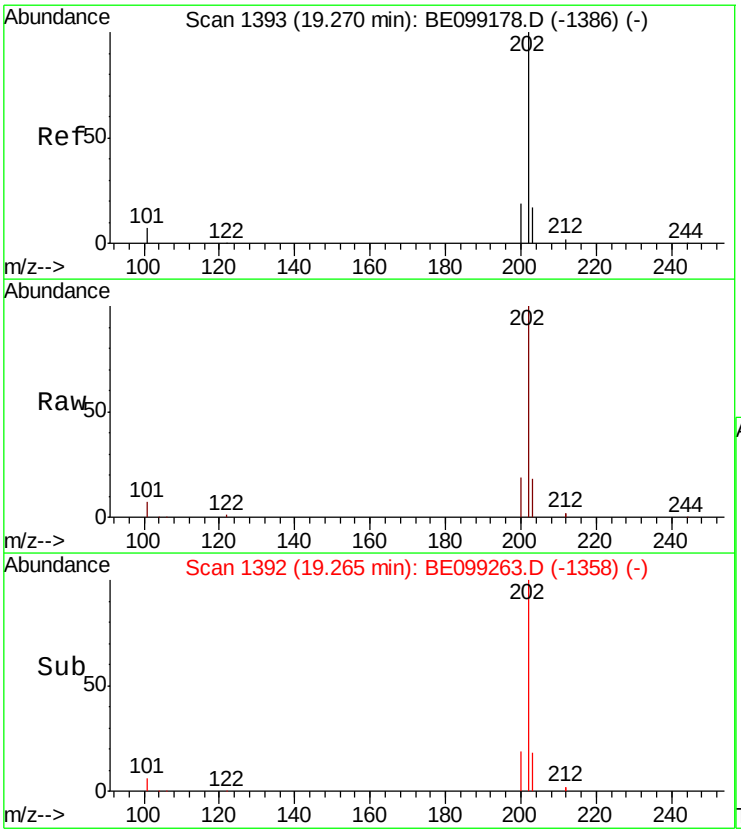
#25
Fluoranthene-d10
Concen: 0.467 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 192174

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

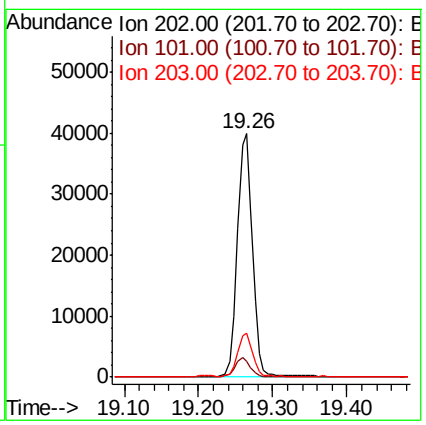


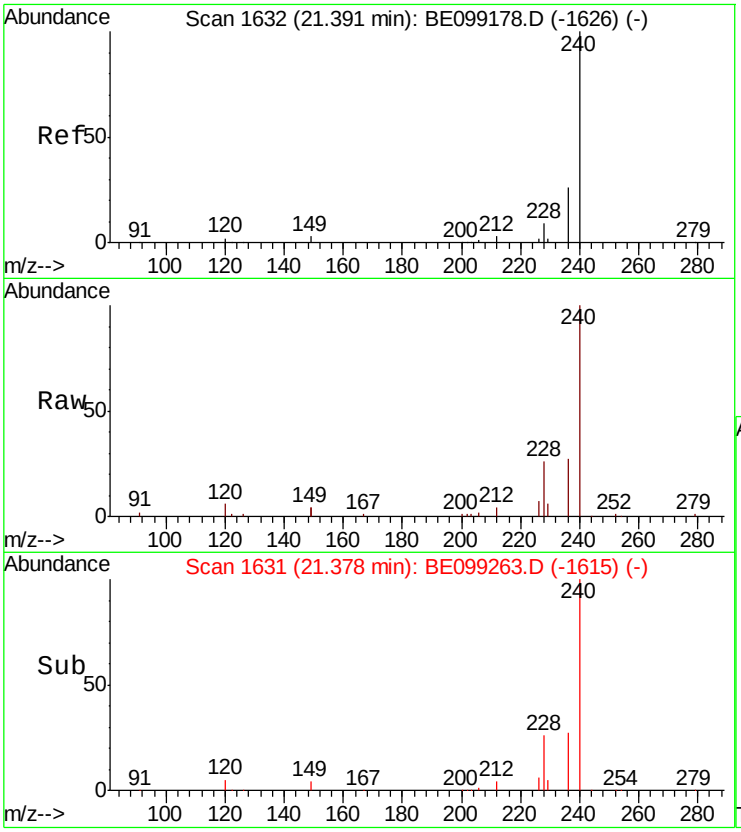


#26
Fluoranthene
Concen: 0.440 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:202 Resp: 55973

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.2	13.8	20.6



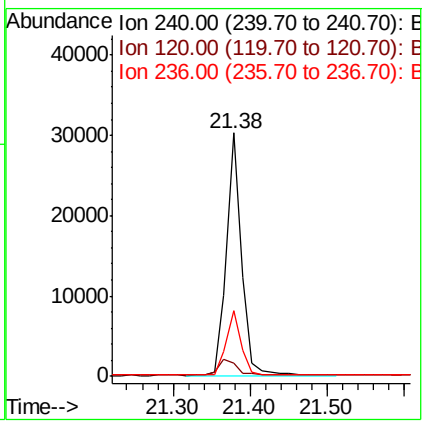


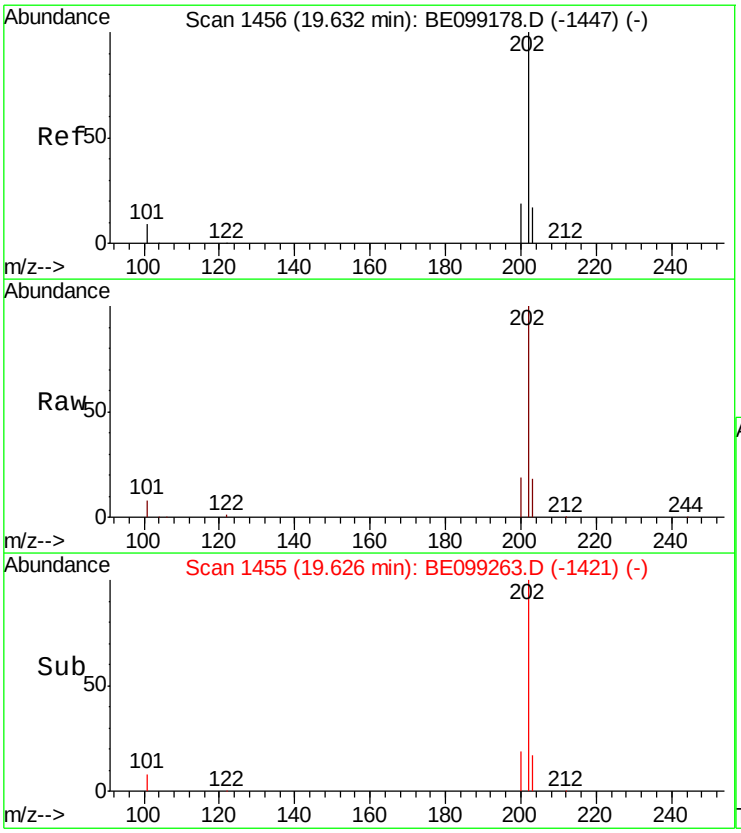
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 40949

Ion	Ratio	Lower	Upper
240	100		
120	5.5	2.6	3.8#
236	27.2	20.9	31.3

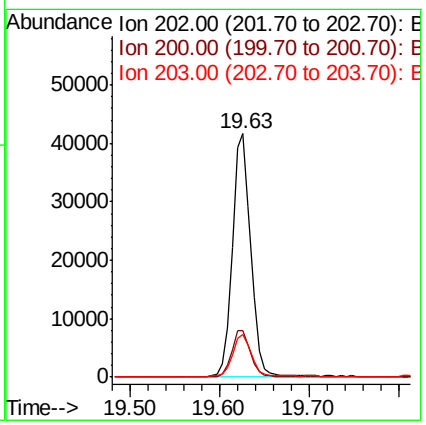


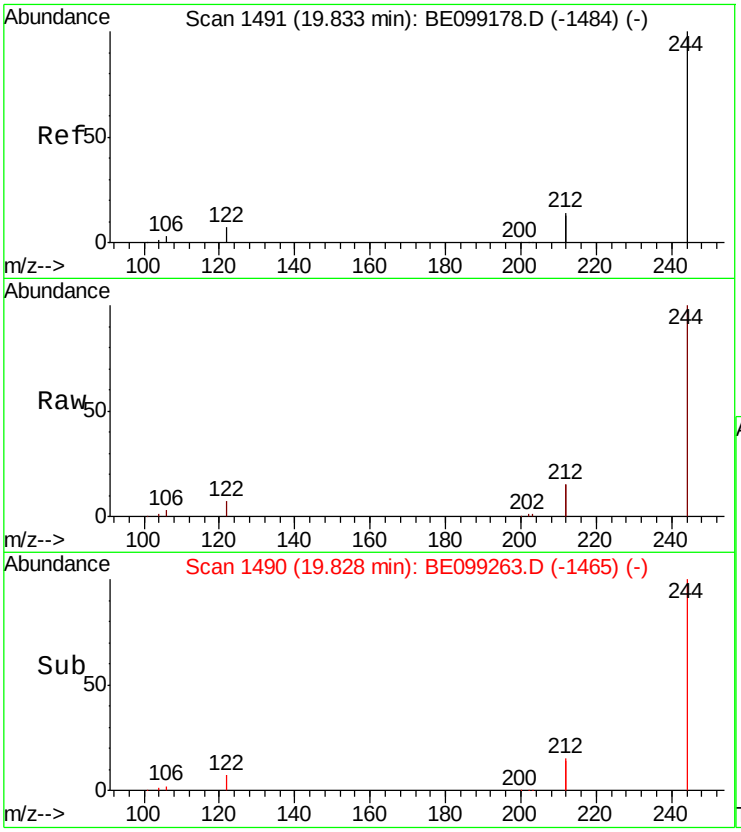


#28
Pyrene
Concen: 0.416 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:202 Resp: 56641

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.8
203	17.6	14.1	21.1



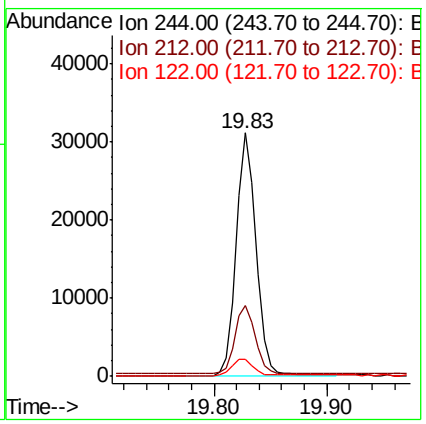


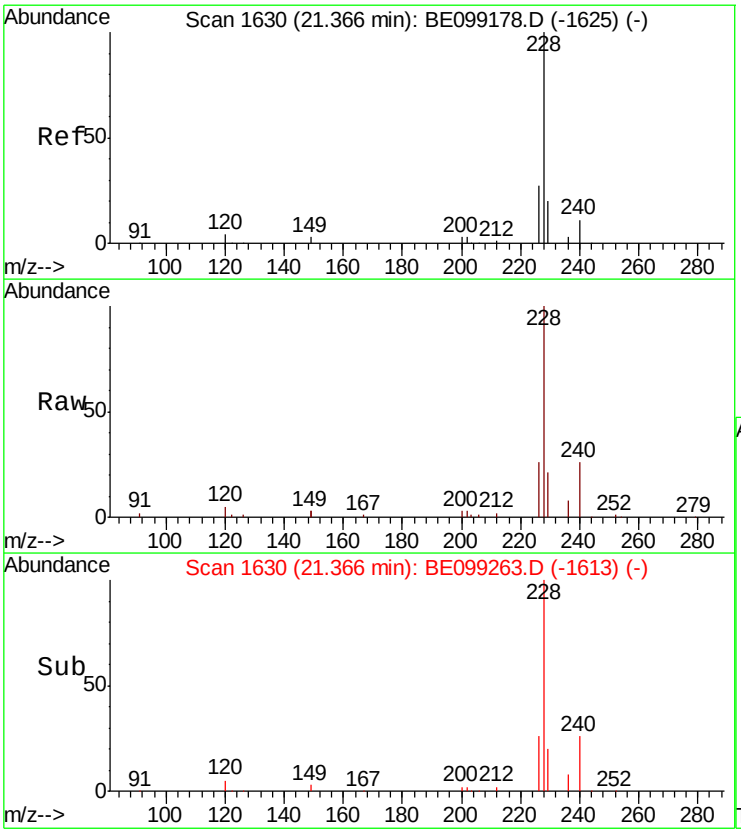
#29
Terphenyl-d14
Concen: 0.433 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 38565

Ion	Ratio	Lower	Upper
244	100		
212	29.3	22.7	34.1
122	6.9	5.8	8.6

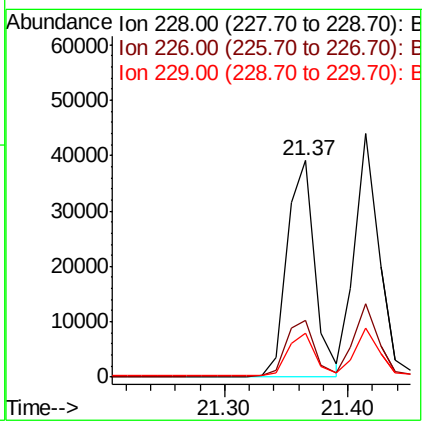


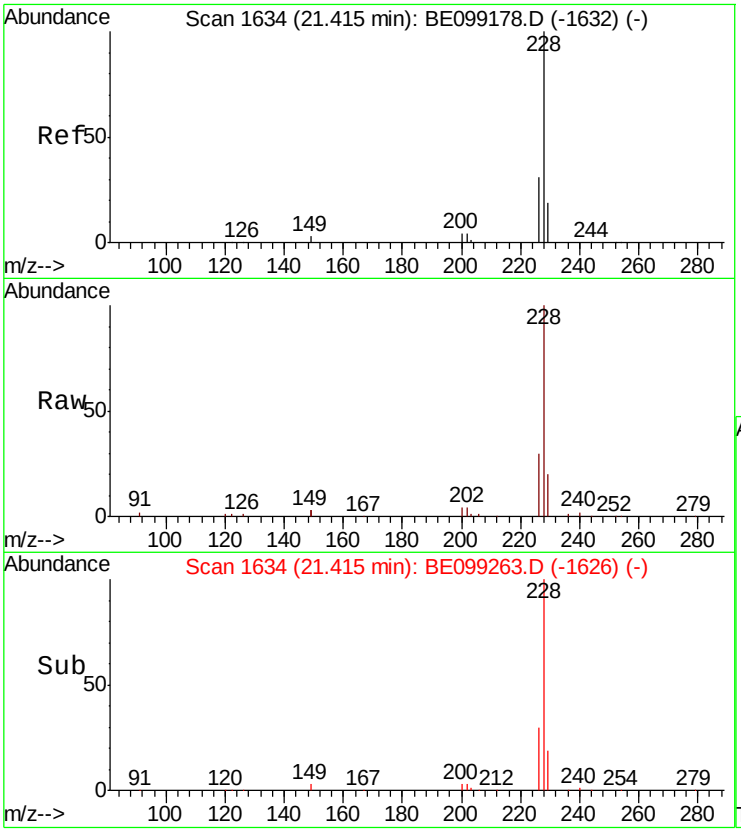


#30
Benzo(a)anthracene
Concen: 0.451 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:228 Resp: 60875

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.7	32.5
229	20.6	15.9	23.9



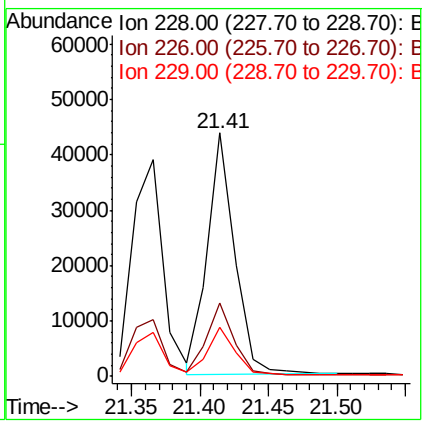


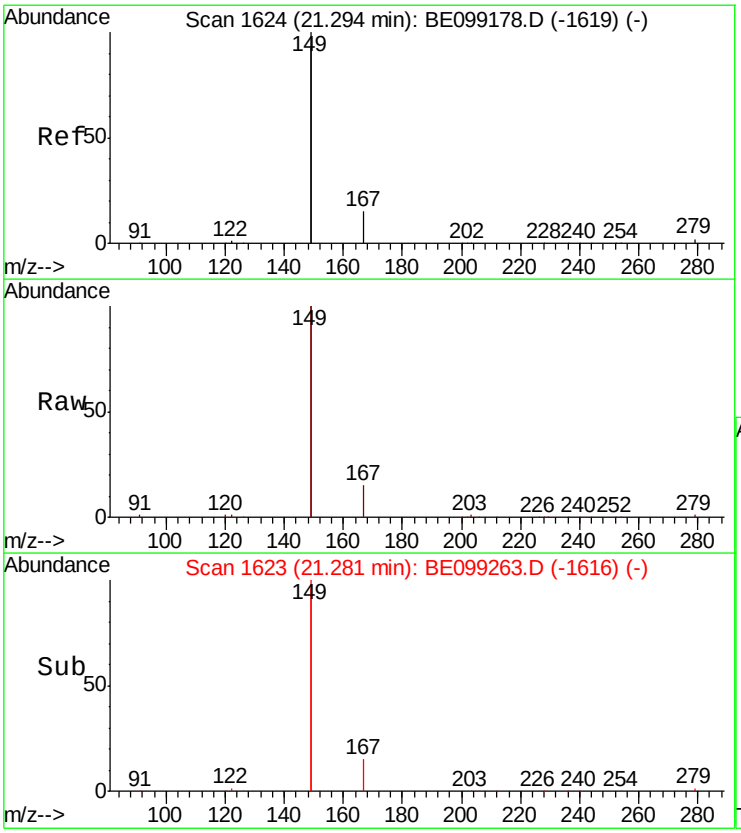
#31
Chrysene
Concen: 0.417 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 60181

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.8	37.2
229	19.9	15.4	23.0

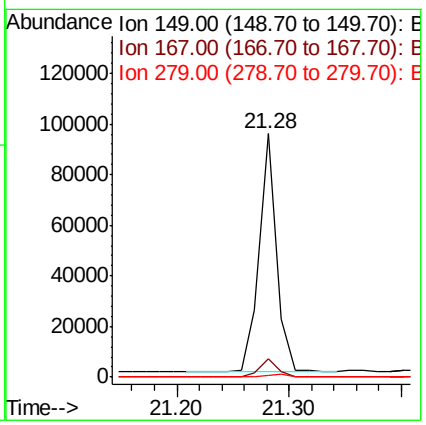


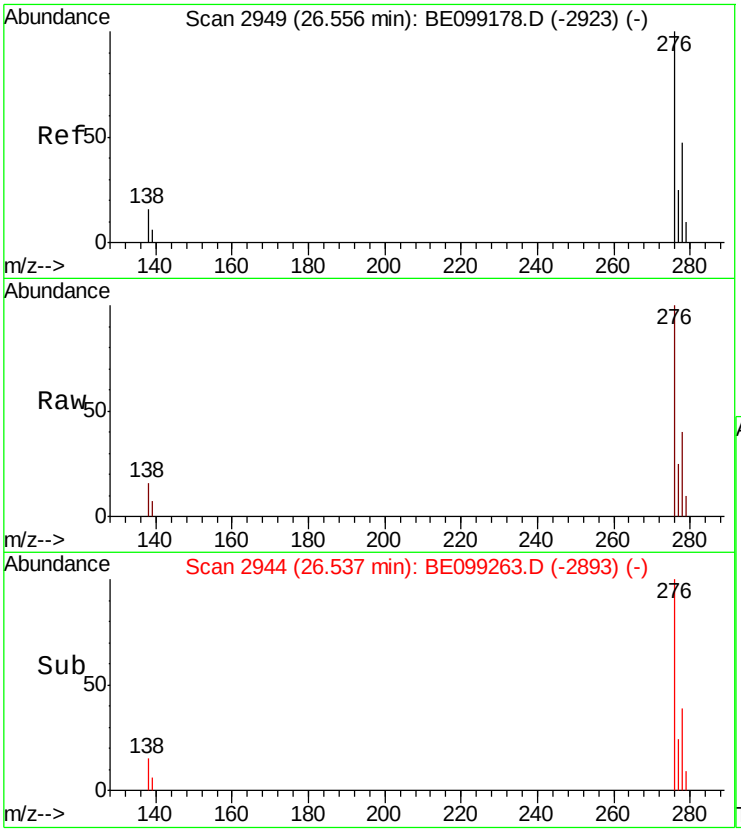


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.643 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:149 Resp: 103677

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.2	1.0	1.6



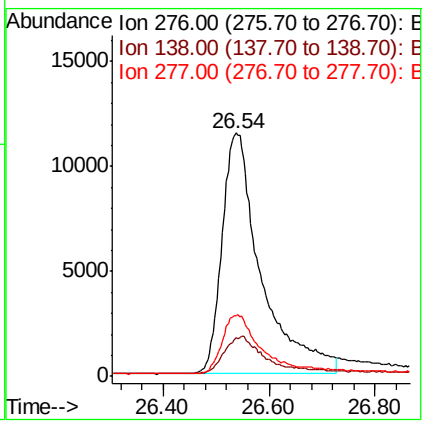


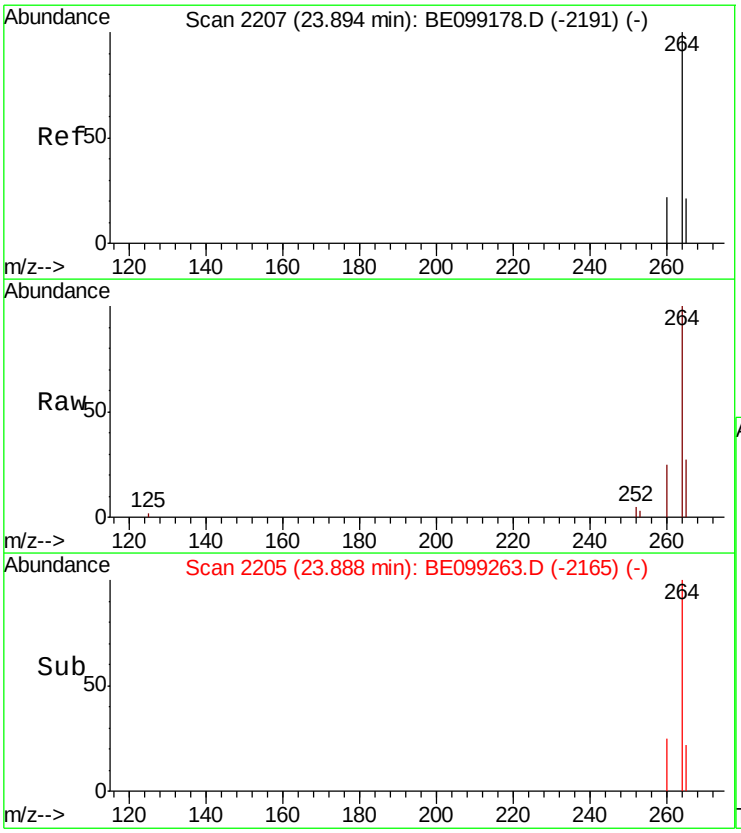
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 59047

Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.9	19.3
277	23.2	18.3	27.5

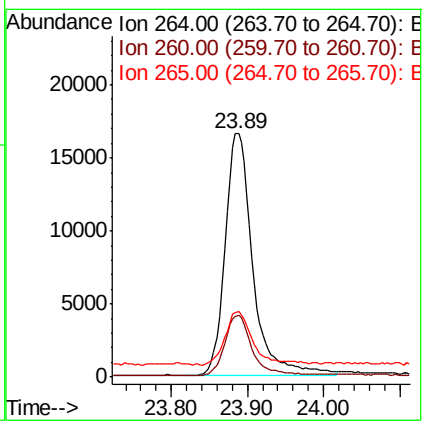


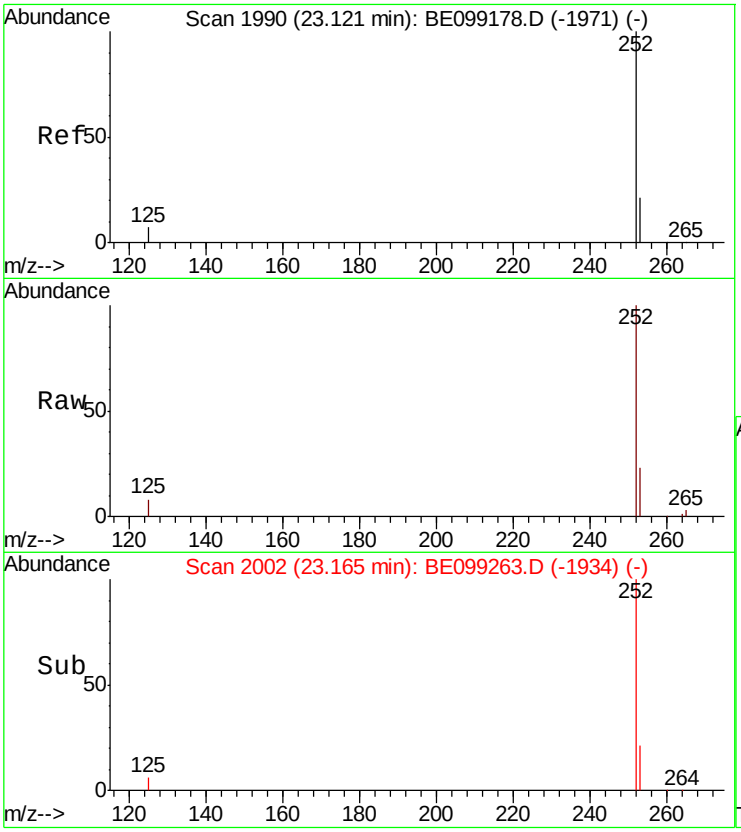


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:264 Resp: 41809

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.2
265	26.8	21.8	32.8



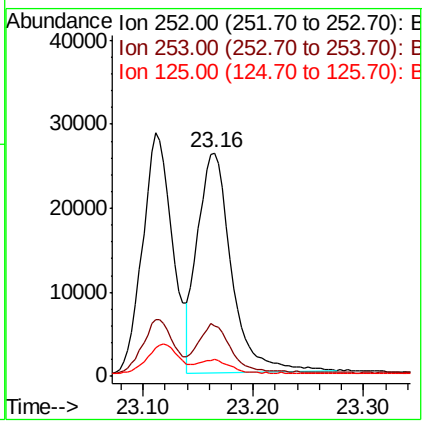


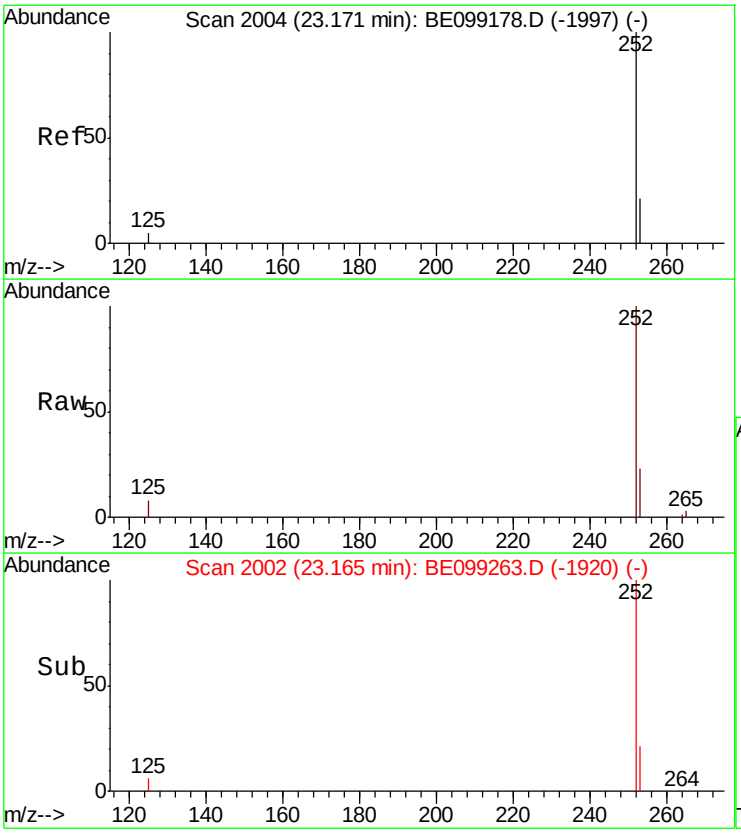
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.04 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 55562

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.5	6.1	9.1

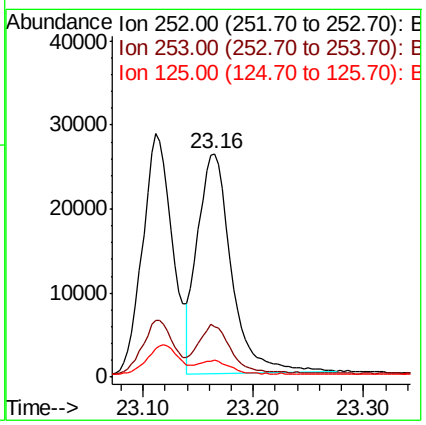


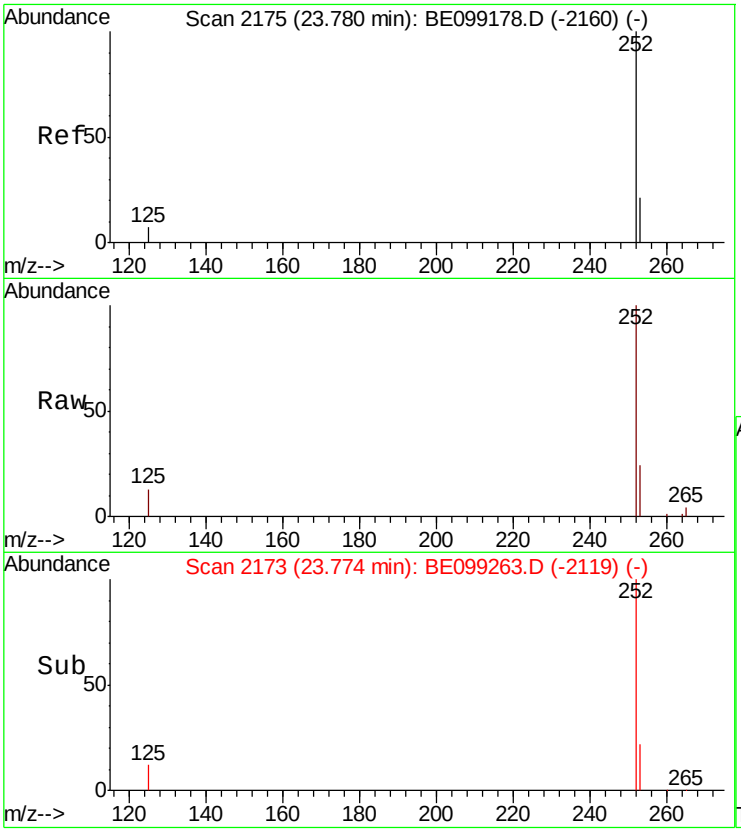


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:252 Resp: 55562

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.5	5.9	8.9



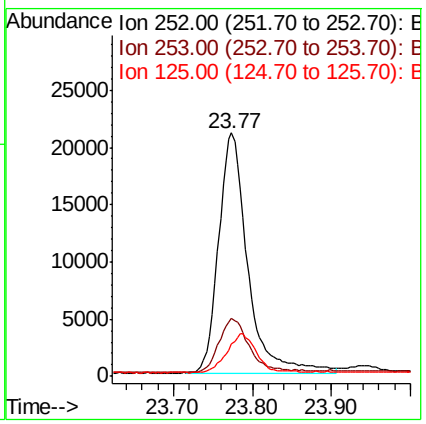


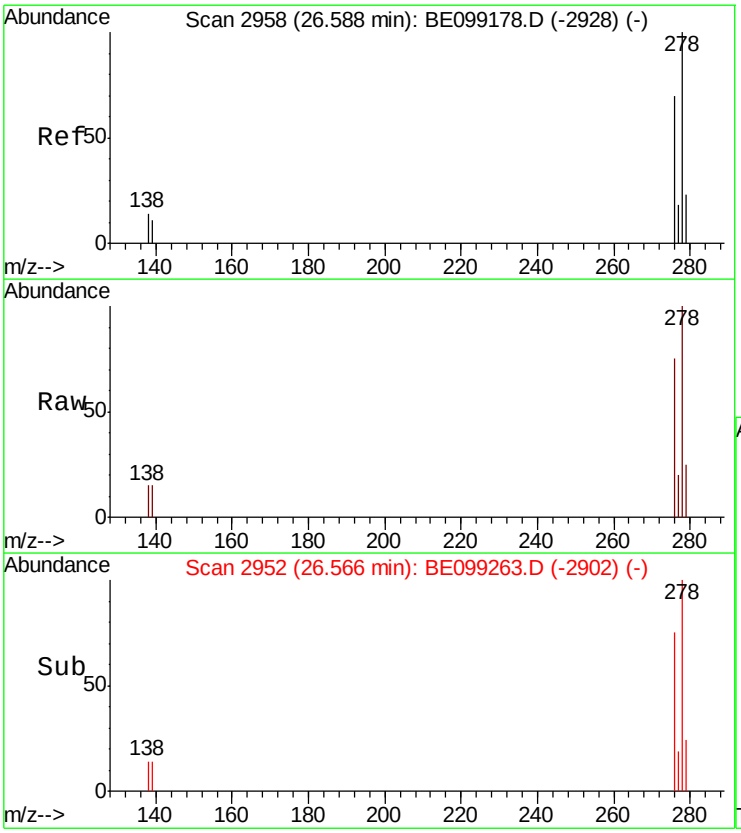
#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 53575

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.1	6.8	10.2#

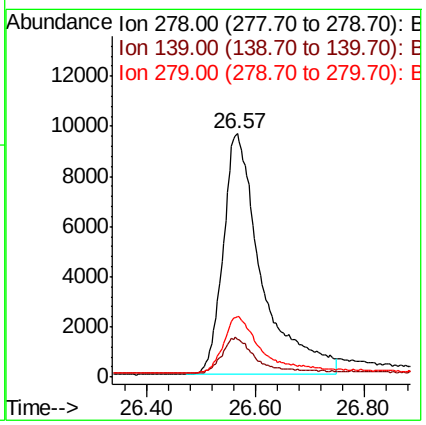


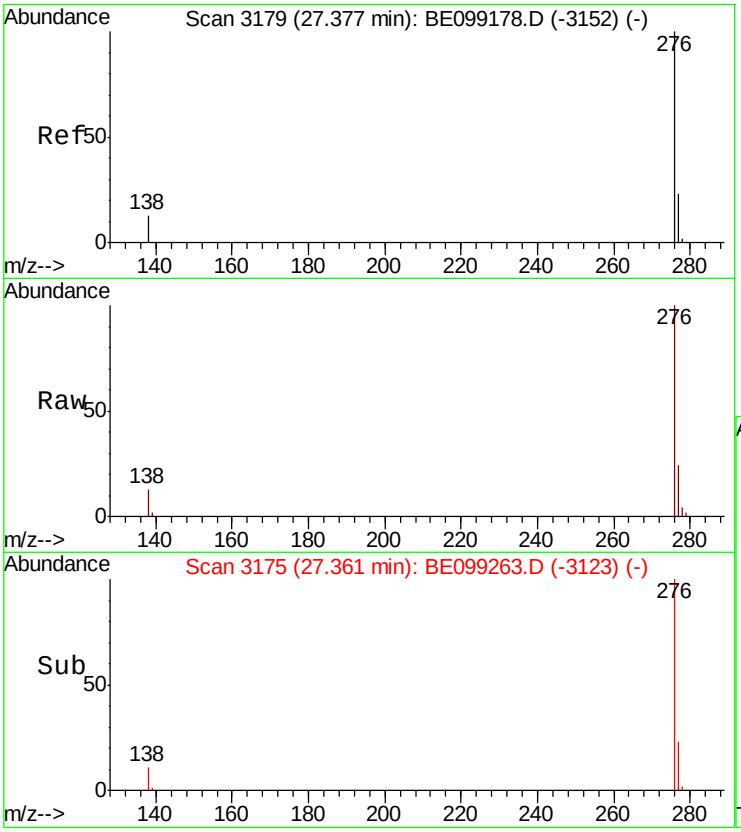


#38
Dibenzo(a,h)anthracene
Concen: 0.417 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Tgt Ion:278 Resp: 47654

Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.5	14.3#
279	25.1	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 27.36 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BE099263.D
Acq: 29 Mar 2019 20:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 46504

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	12.9	11.1	16.7