Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099204.D
Acq On : 26 Mar 2019 7:08
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 26 08:08:38 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	7.84	152	4262	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	19255	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	13849	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	37231	0.40	ng		0.00
27) Chrysene-d12	21.38	240	44050	0.40	ng		-0.01
34) Perylene-d12	23.90	264	41721	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4363	0.34	ng		0.00
5) Phenol-d6	6.99	99	6883	0.35	ng		0.00
8) Nitrobenzene-d5	8.99	82	5242	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	13378	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1624	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	20424	0.36	ng		0.00
25) Fluoranthene-d10	19.24	212	162469	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	31602	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2050	0.365	ng		98
3) n-Nitrosodimethylamine	3.67	42	939	0.299	ng	#	93
6) bis(2-Chloroethyl)ether	7.26	93	5361	0.351	ng		97
9) Naphthalene	10.68	128	80761	0.356	ng		99
10) Hexachlorobutadiene	10.96	225	4444	0.367	ng		97
12) 2-Methylnaphthalene	12.30	142	14098	0.347	ng		98
16) Acenaphthylene	14.20	152	23367	0.331	ng		99
17) Acenaphthene	14.54	154	14774	0.350	ng		98
18) Fluorene	15.51	166	20664	0.348	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	7779	0.324	ng		99
21) Hexachlorobenzene	16.52	284	7633	0.329	ng		98
22) Pentachlorophenol	16.87	266	1250	0.596	ng		92
23) Phenanthrene	17.26	178	36972	0.338	ng		99
24) Anthracene	17.35	178	32343	0.327	ng		99
26) Fluoranthene	19.27	202	47989	0.344	ng		99
28) Pyrene	19.63	202	49261	0.337	ng		100
30) Benzo(a)anthracene	21.37	228	48341	0.333	ng		100
31) Chrysene	21.43	228	52129	0.336	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	53921	0.311	ng		99
33) Indeno(1,2,3-cd)pyrene	26.56	276	42168	0.287	ng		98
35) Benzo(b)fluoranthene	23.17	252	51100	0.372	ng		99
36) Benzo(k)fluoranthene	23.17	252	53004	0.365	ng		99
37) Benzo(a)pyrene	23.78	252	44328	0.346	ng		99
38) Dibenzo(a,h)anthracene	26.59	278	33054	0.290	ng	#	95
39) Benzo(g,h,i)perylene	27.38	276	34855	0.305	ng		98

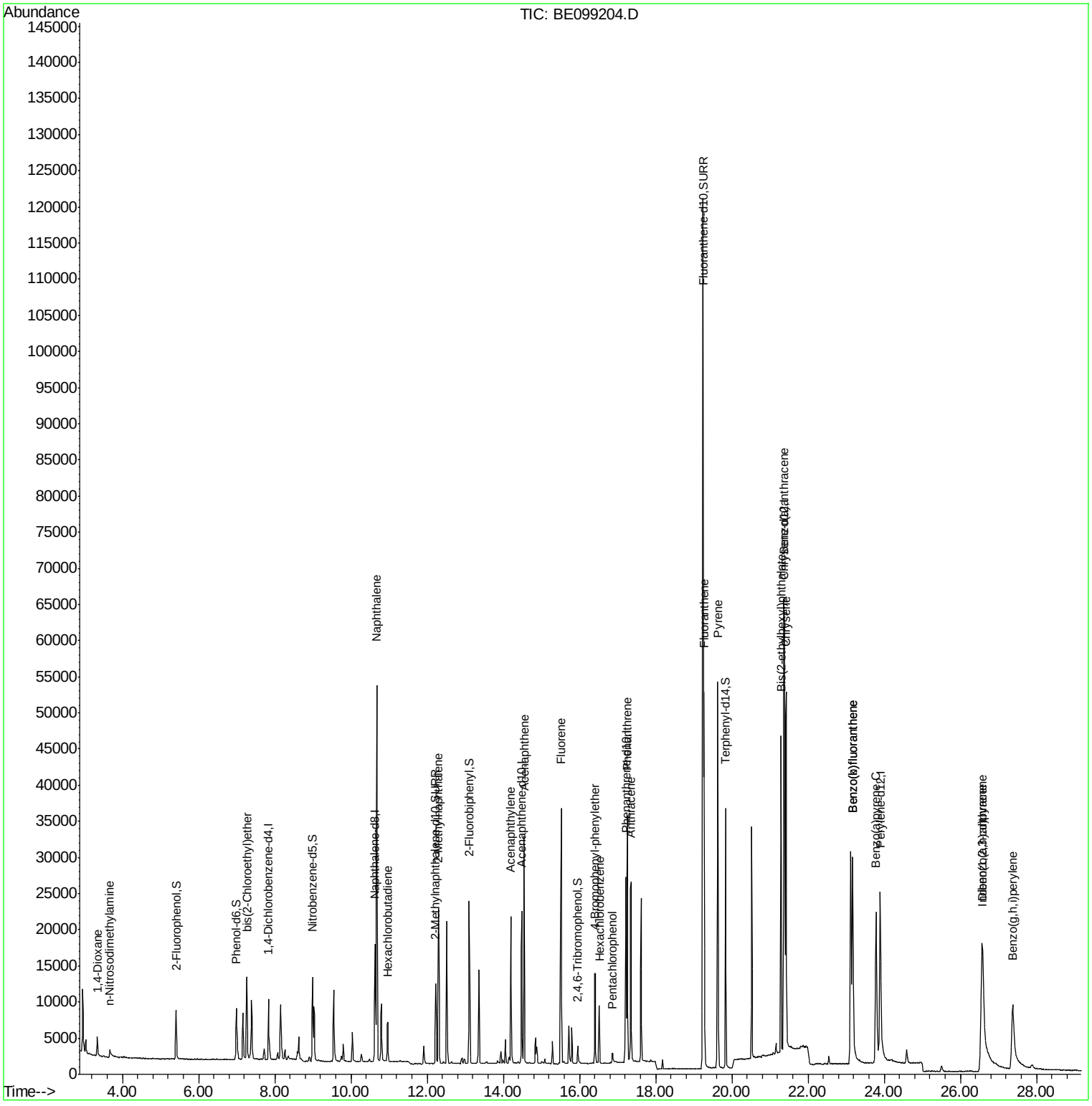
(#) = qualifier out of range (m) = manual integration (+) = signals summed

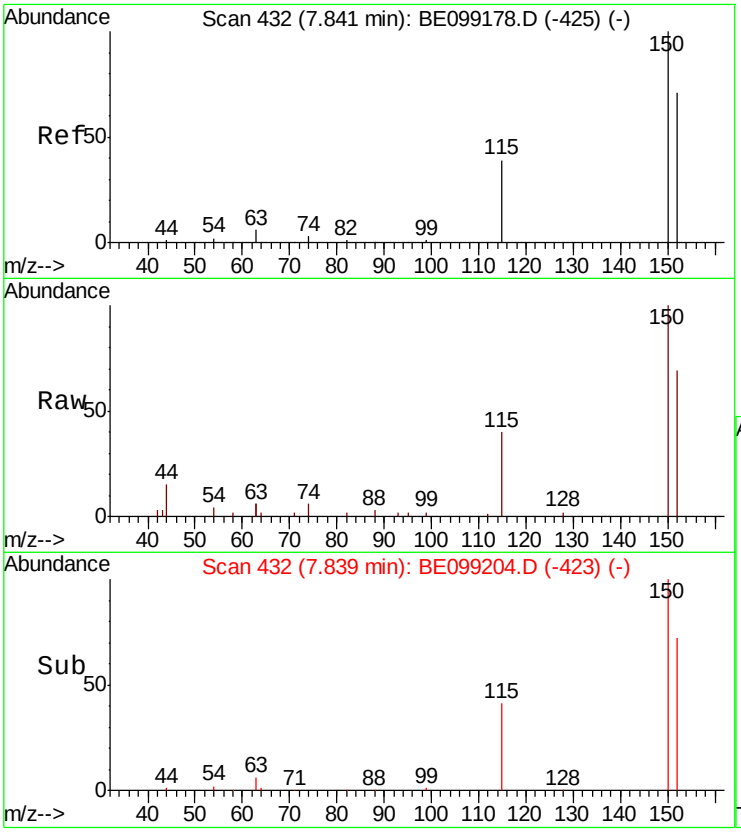
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099204.D
Acq On : 26 Mar 2019 7:08
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 26 08:08:38 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



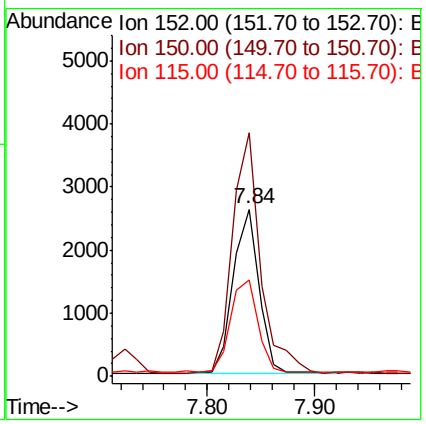


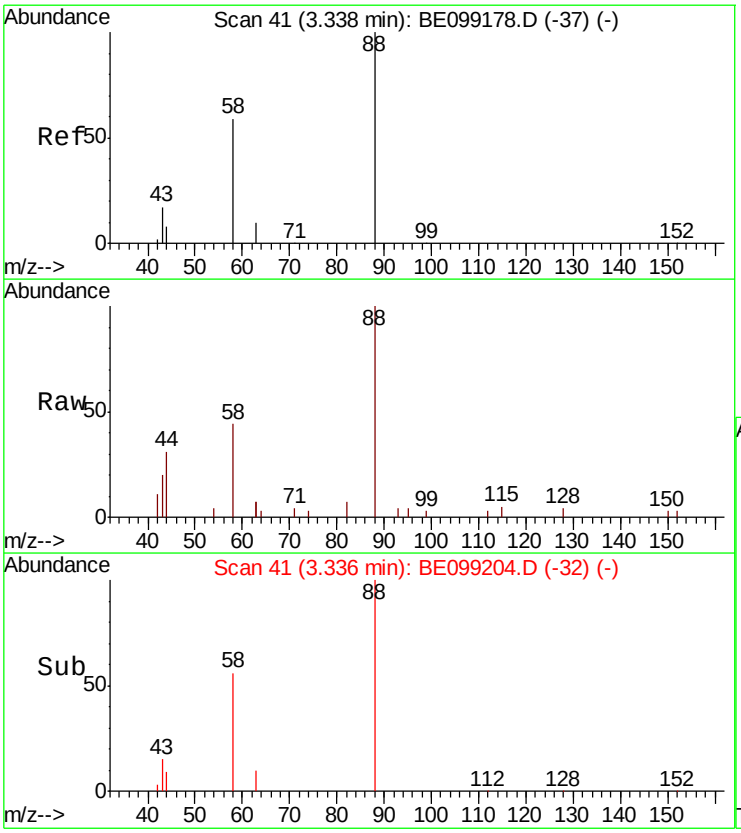
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4262

Ion	Ratio	Lower	Upper
152	100		
150	145.6	112.8	169.2
115	57.9	45.1	67.7

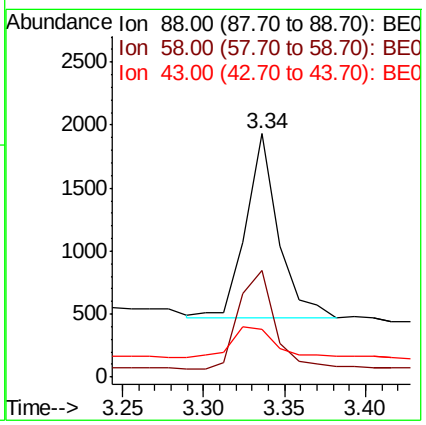


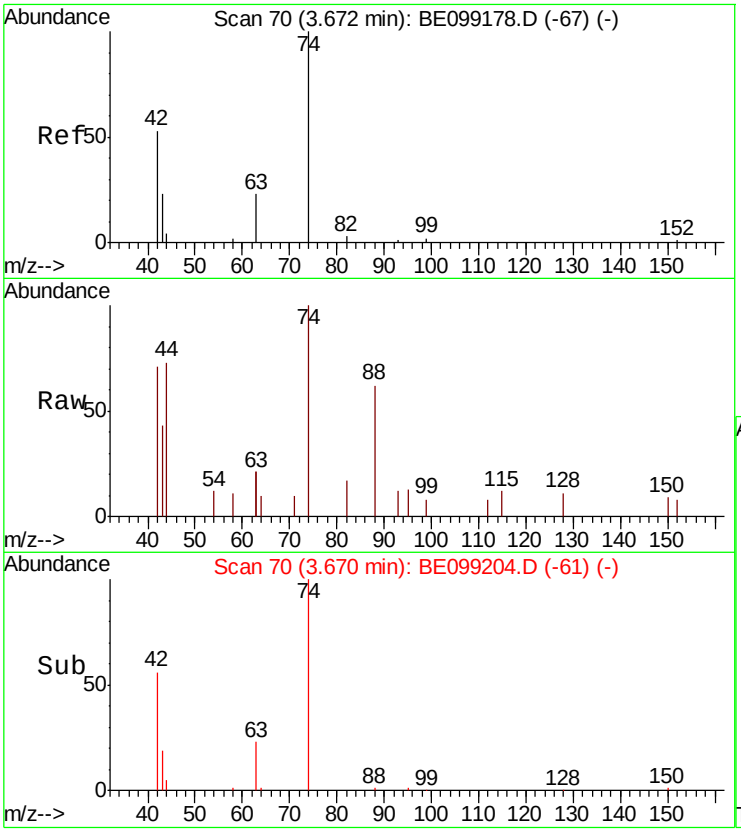


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion: 88 Resp: 2050

Ion	Ratio	Lower	Upper
88	100		
58	58.8	47.4	71.0
43	21.6	15.6	23.4



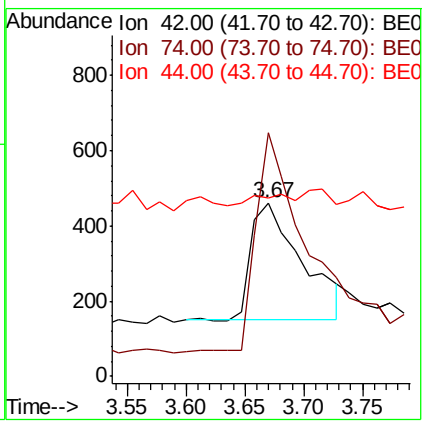


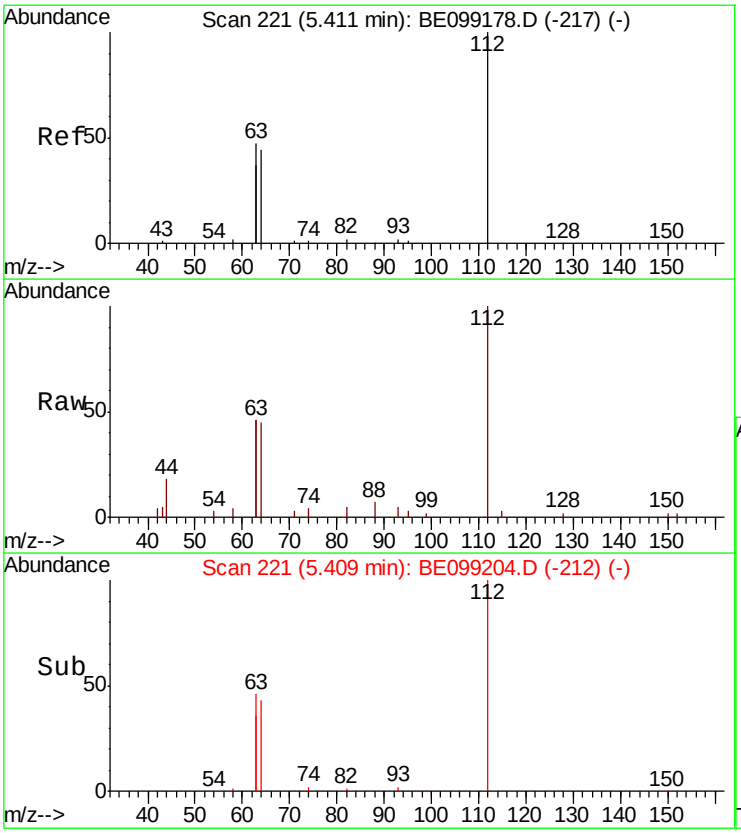
#3
n-Nitrosodimethylamine
Concen: 0.299 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 939

Ion	Ratio	Lower	Upper
42	100		
74	178.2	138.6	207.8
44	0.0	15.0	22.6#

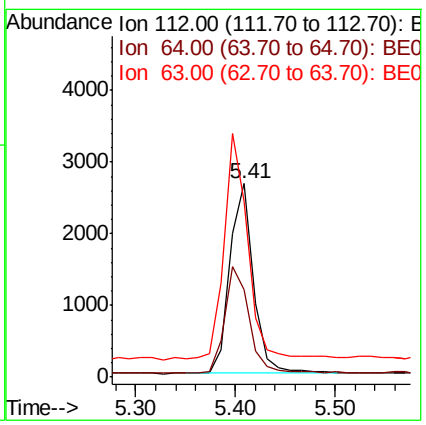


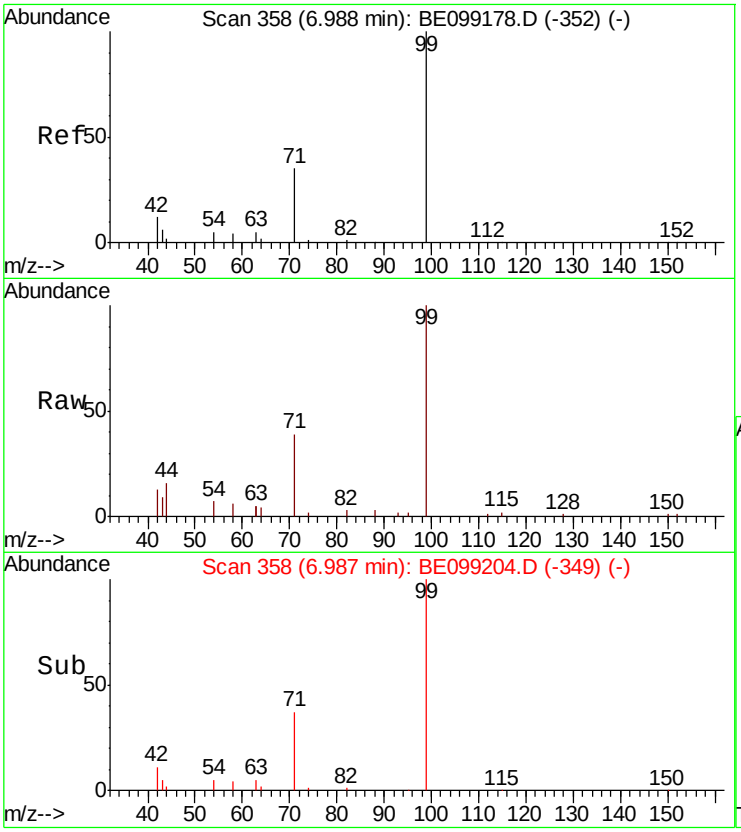


#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:112 Resp: 4363

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.2	69.2
63	122.8	89.9	134.9



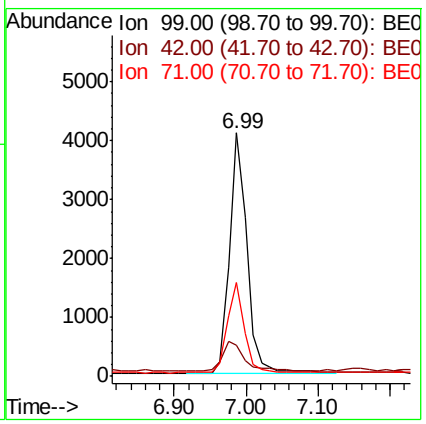


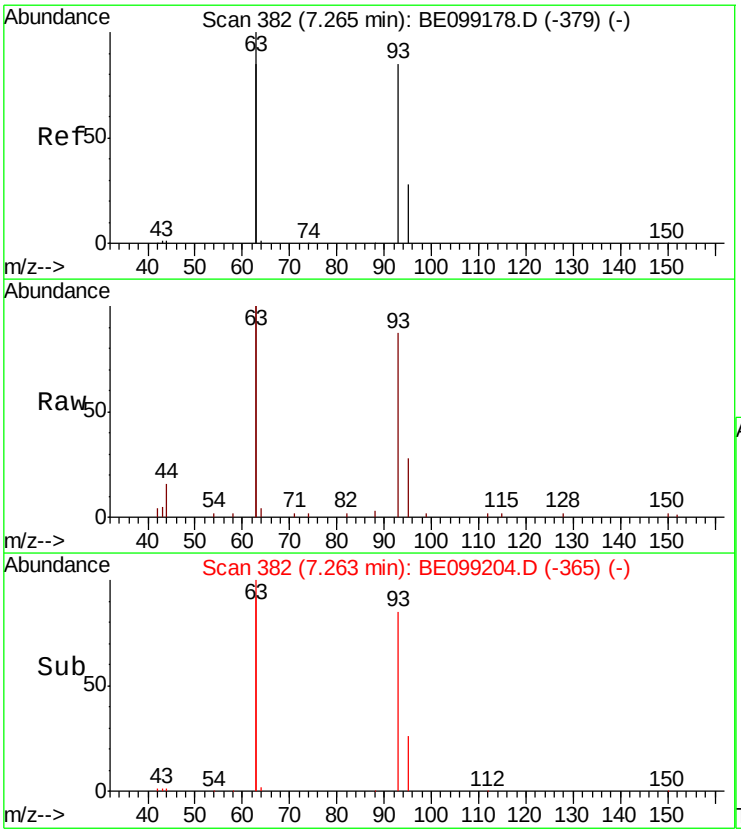
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6883

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.4	18.6
71	36.4	28.4	42.6

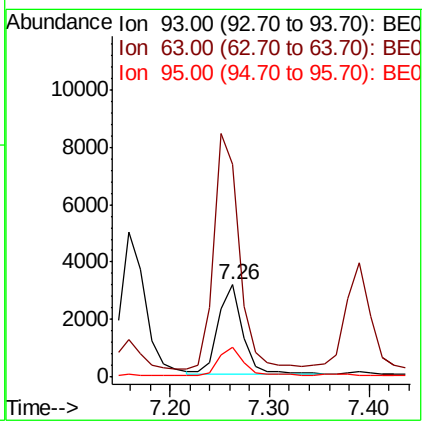


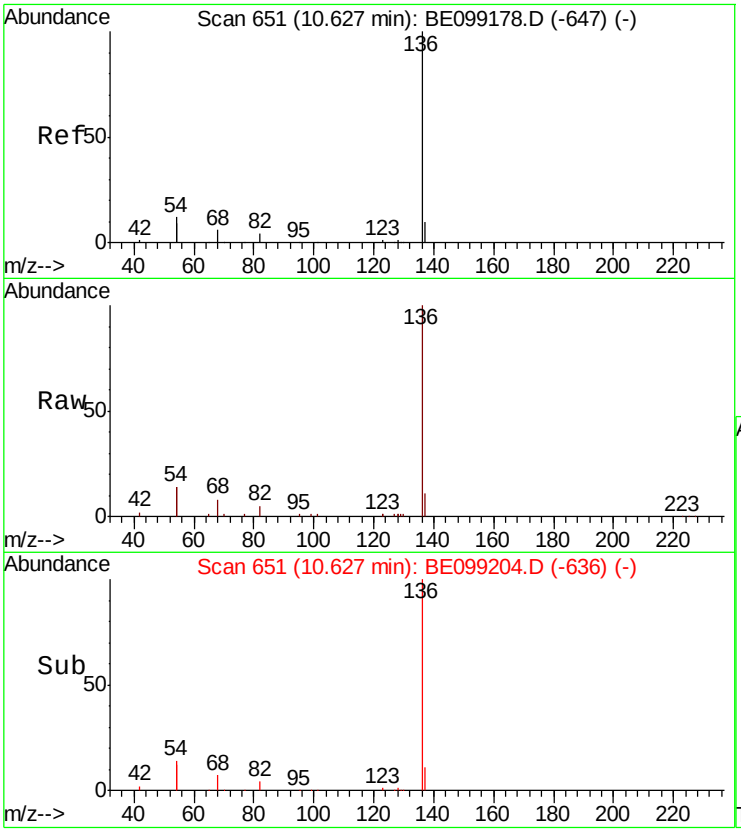


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion: 93 Resp: 5361

Ion	Ratio	Lower	Upper
93	100		
63	269.9	221.4	332.0
95	31.4	25.8	38.8



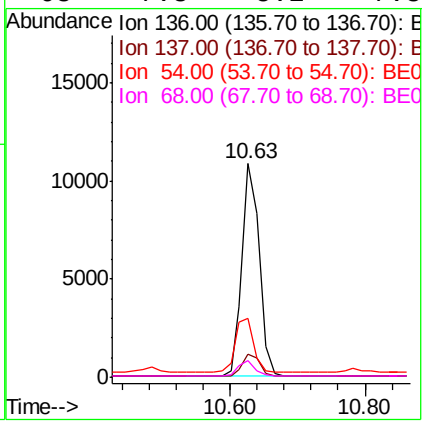


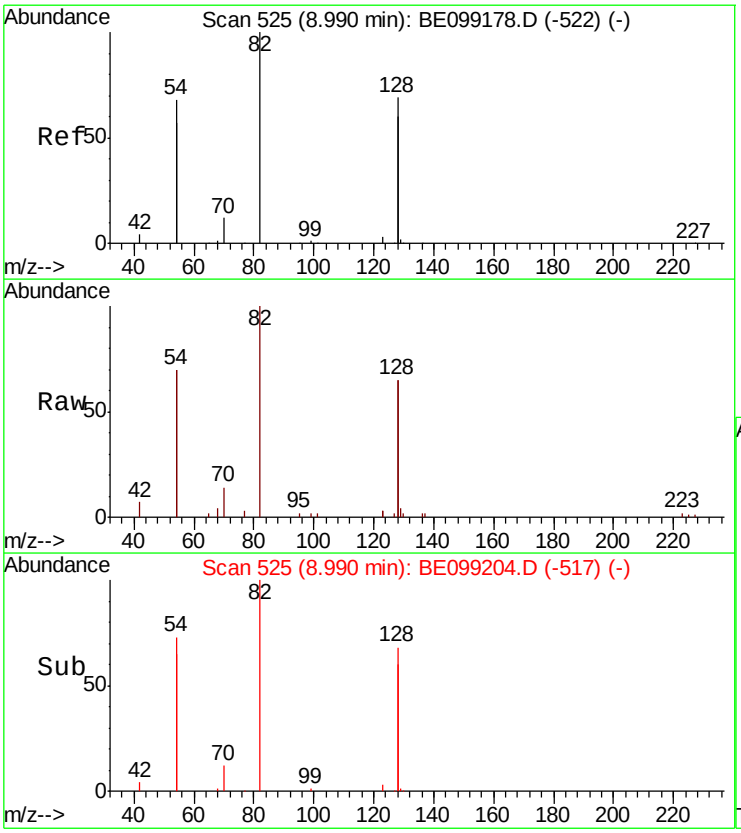
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 19255

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	27.7	18.7	28.1
68	7.8	5.2	7.8

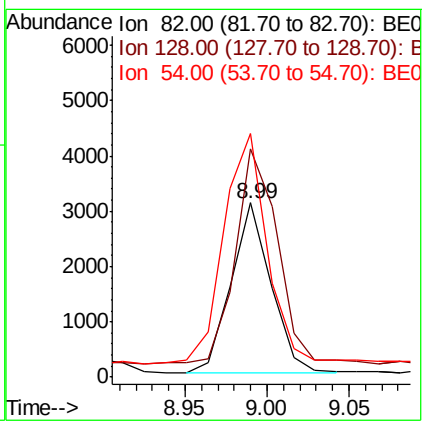


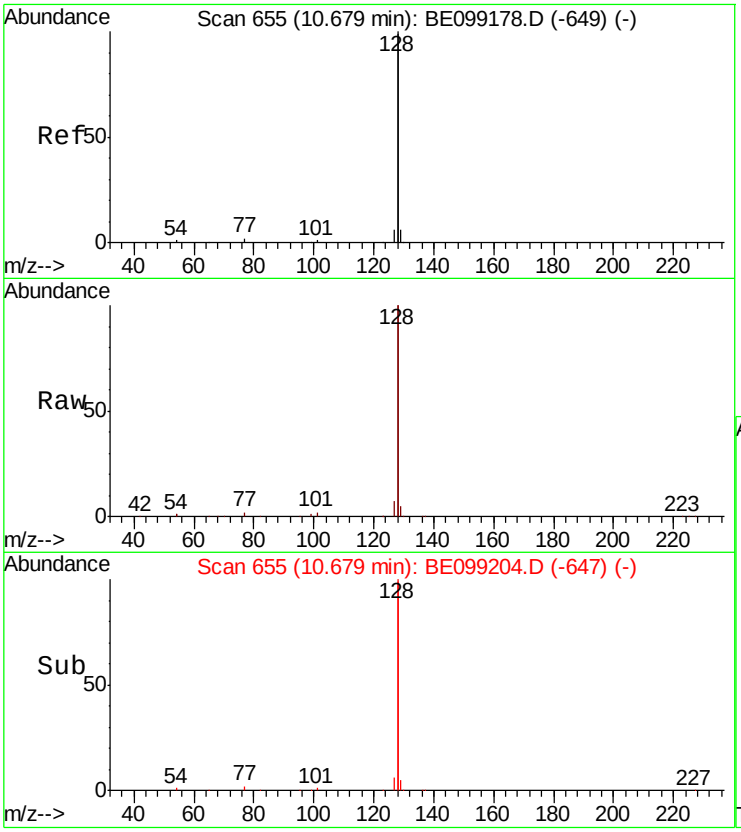


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion: 82 Resp: 5242

Ion	Ratio	Lower	Upper
82	100		
128	130.7	107.5	161.3
54	139.7	106.3	159.5



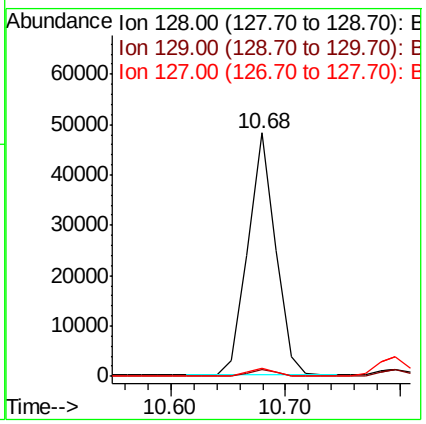


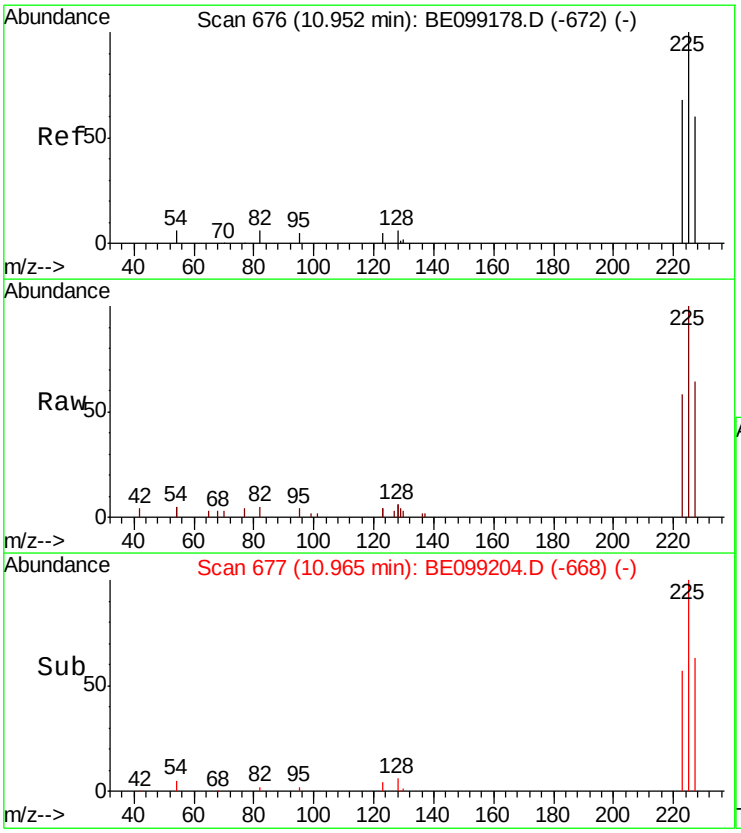
#9
Naphthalene
Concen: 0.356 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 80761

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.4	2.6	3.8

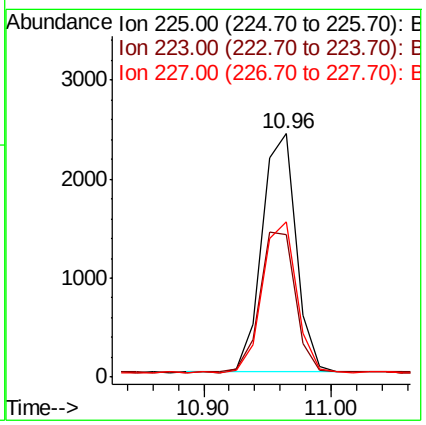


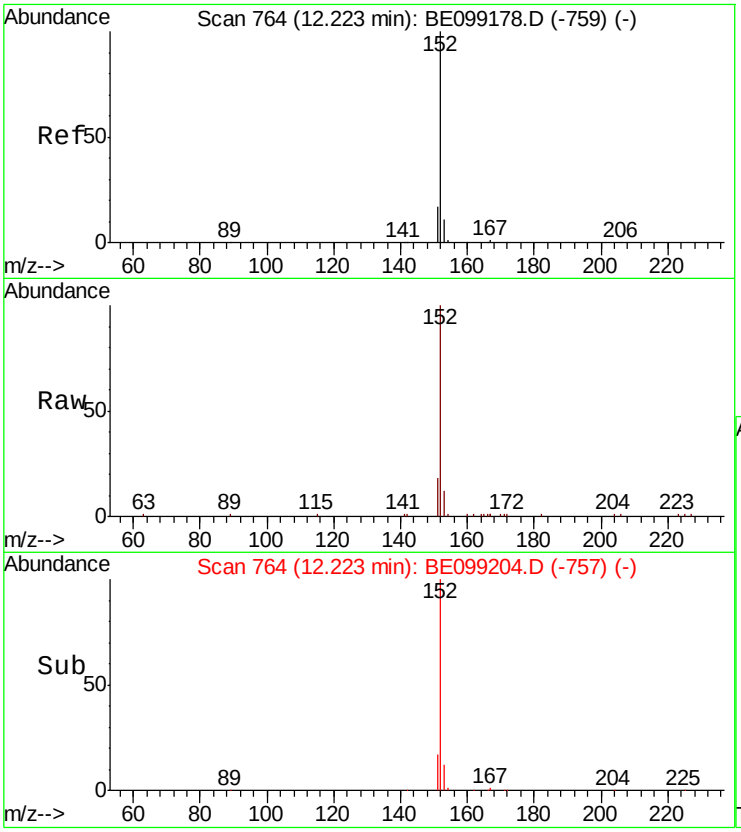


#10
Hexachlorobutadiene
Concen: 0.367 ng
RT: 10.96 min Scan# 677
Delta R.T. 0.01 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:225 Resp: 4444

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.3	76.9
227	63.1	48.6	73.0



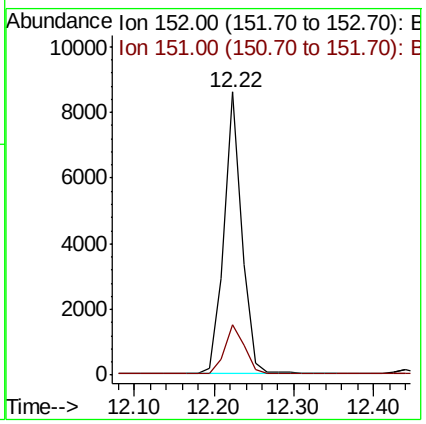


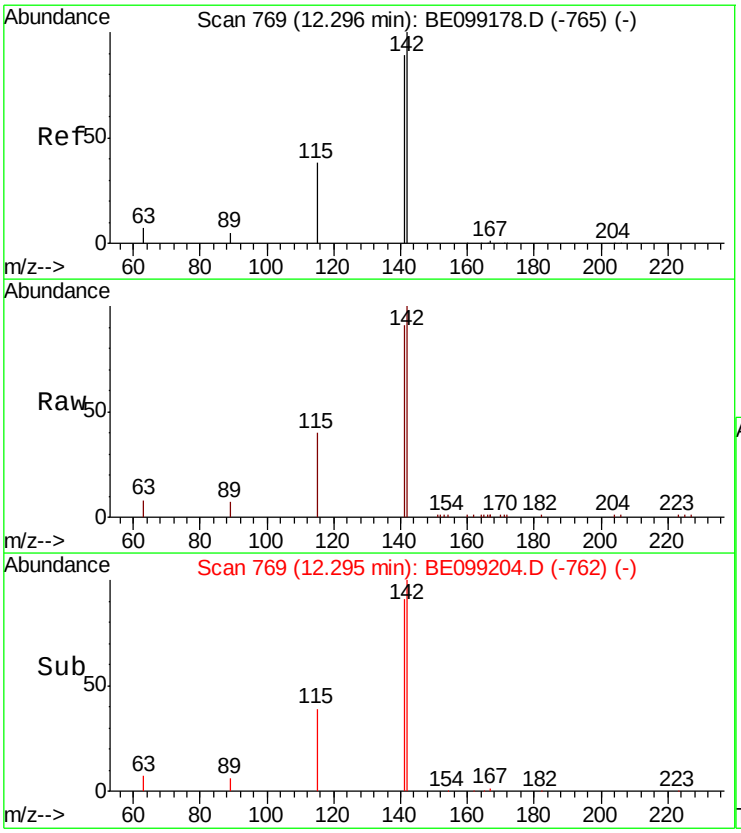
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13378

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

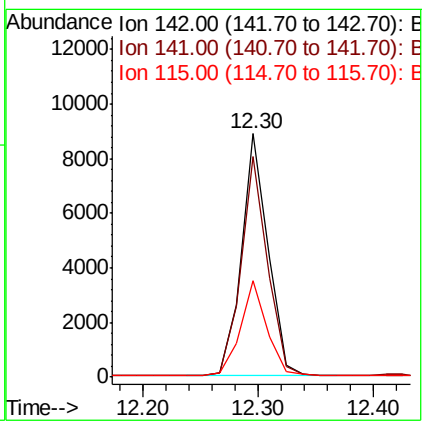


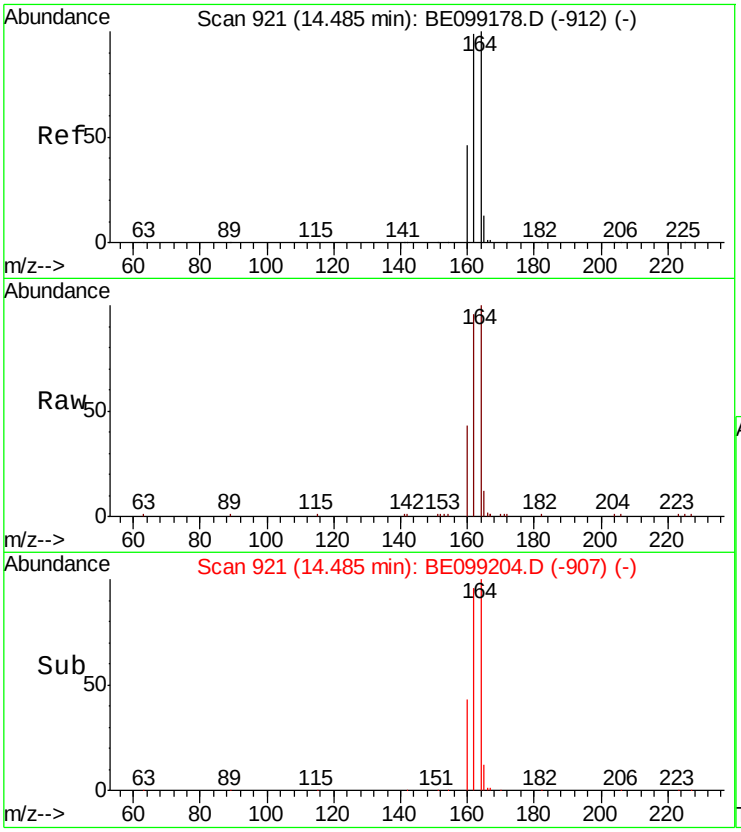


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:142 Resp: 14098

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	39.8	30.4	45.6



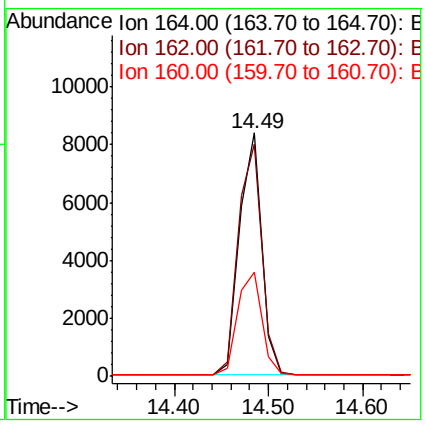


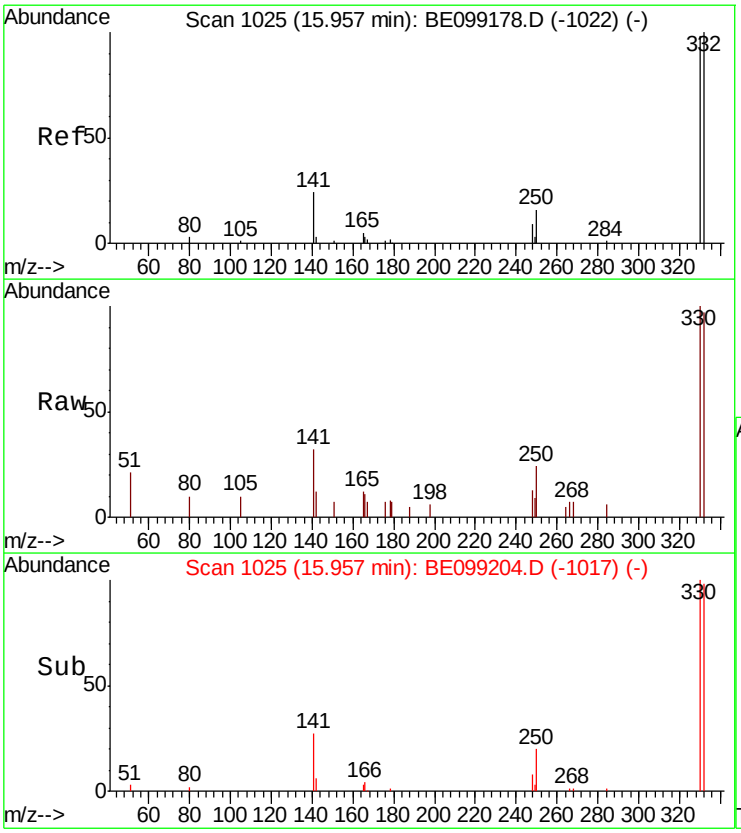
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 13849

Ion	Ratio	Lower	Upper
164	100		
162	95.6	79.2	118.8
160	42.9	36.7	55.1

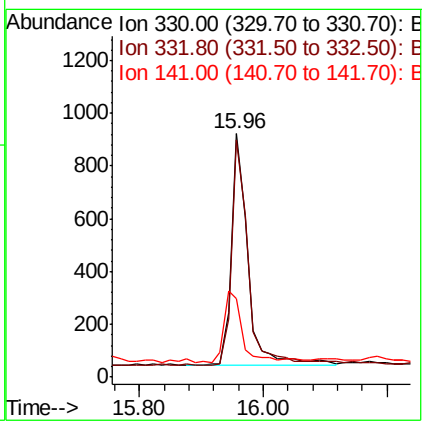


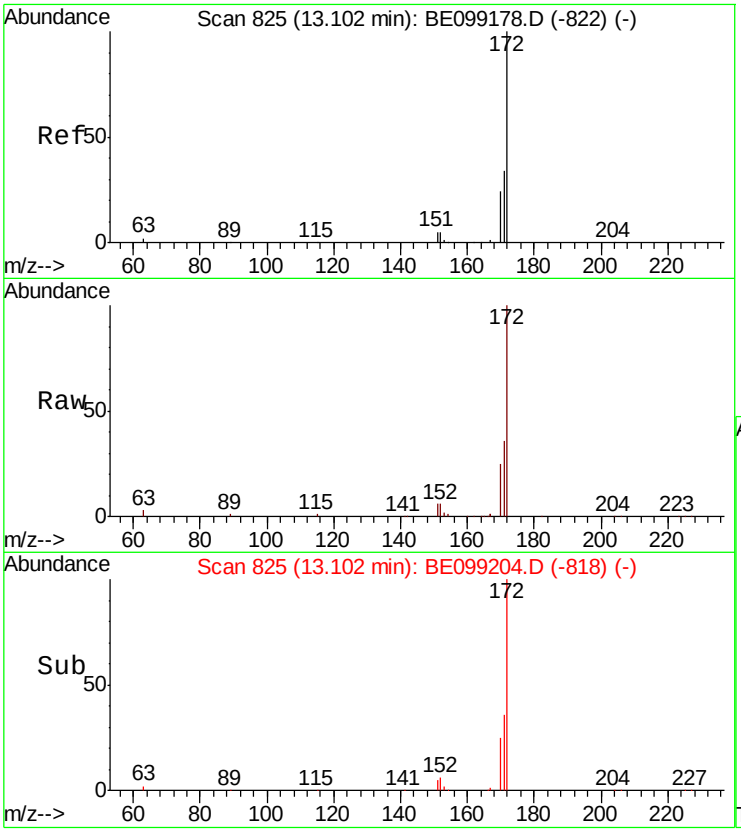


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:330 Resp: 1624

Ion	Ratio	Lower	Upper
330	100		
332	101.0	71.3	106.9
141	34.3	21.7	32.5#



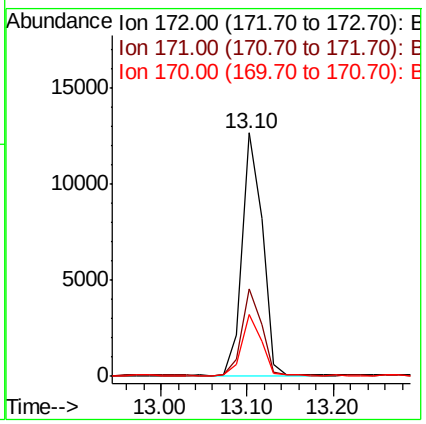


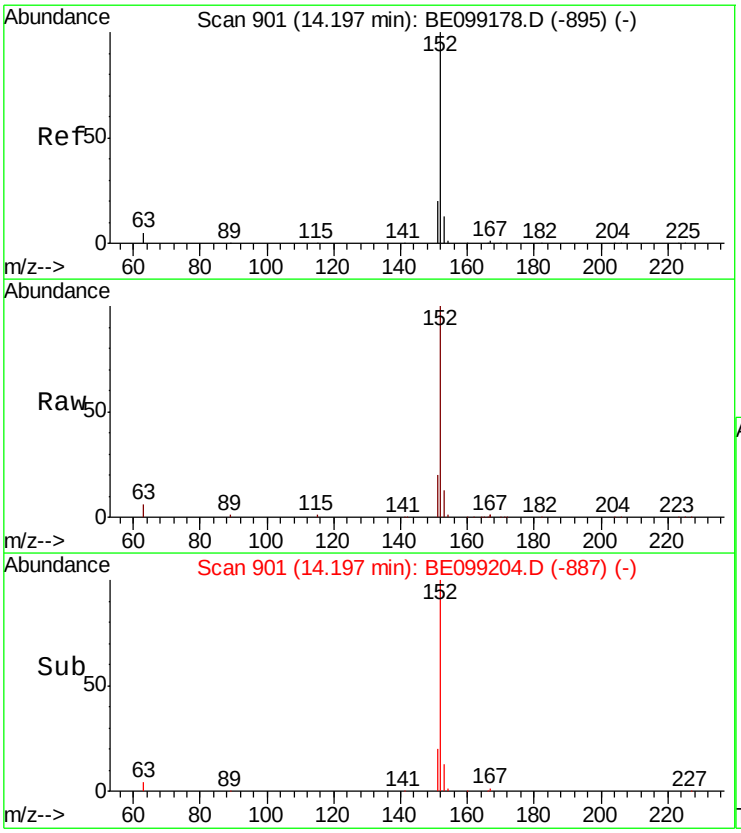
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 20424

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.4	41.0
170	25.2	19.1	28.7

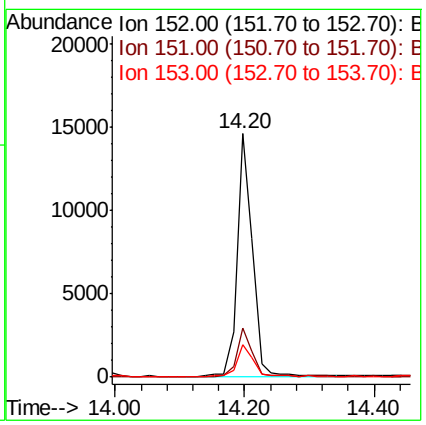


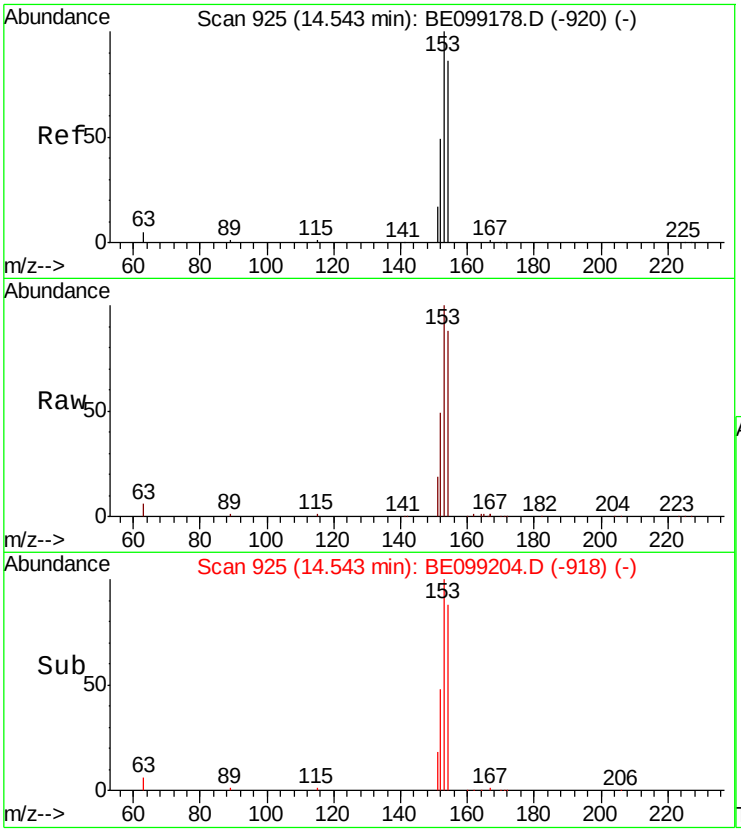


#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:152 Resp: 23367

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.1	10.6	15.8



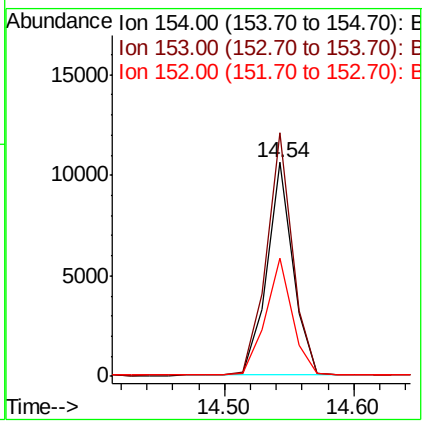


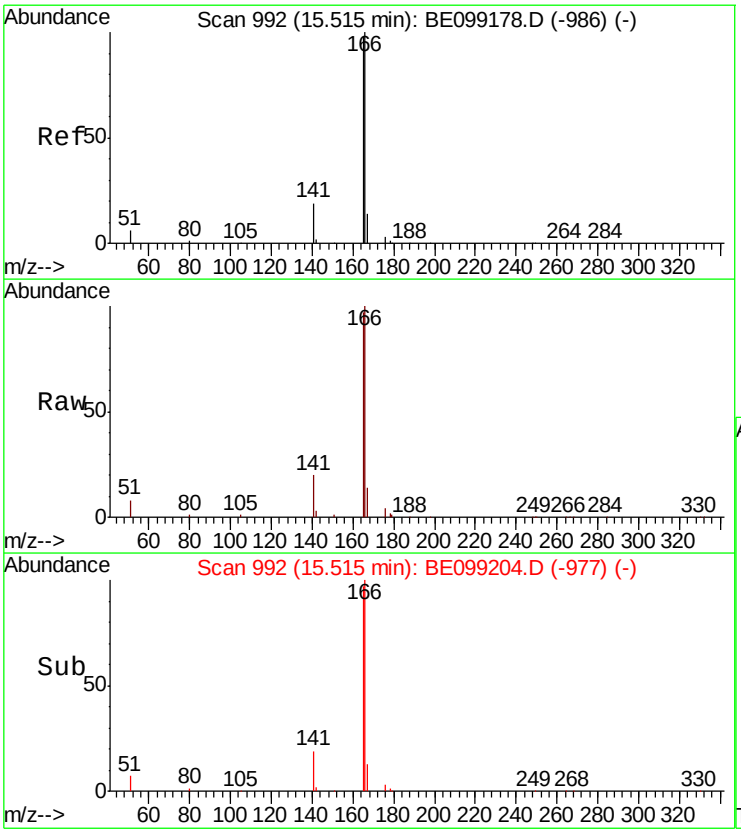
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14774

Ion	Ratio	Lower	Upper
154	100		
153	114.6	93.4	140.0
152	56.8	46.6	69.8

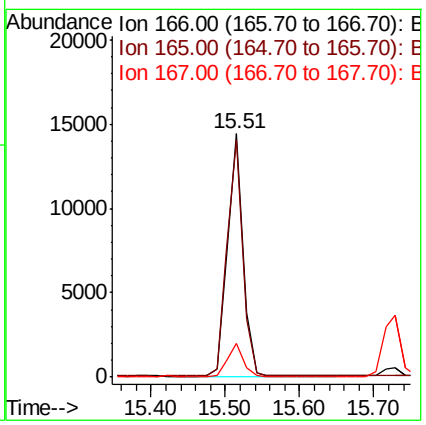


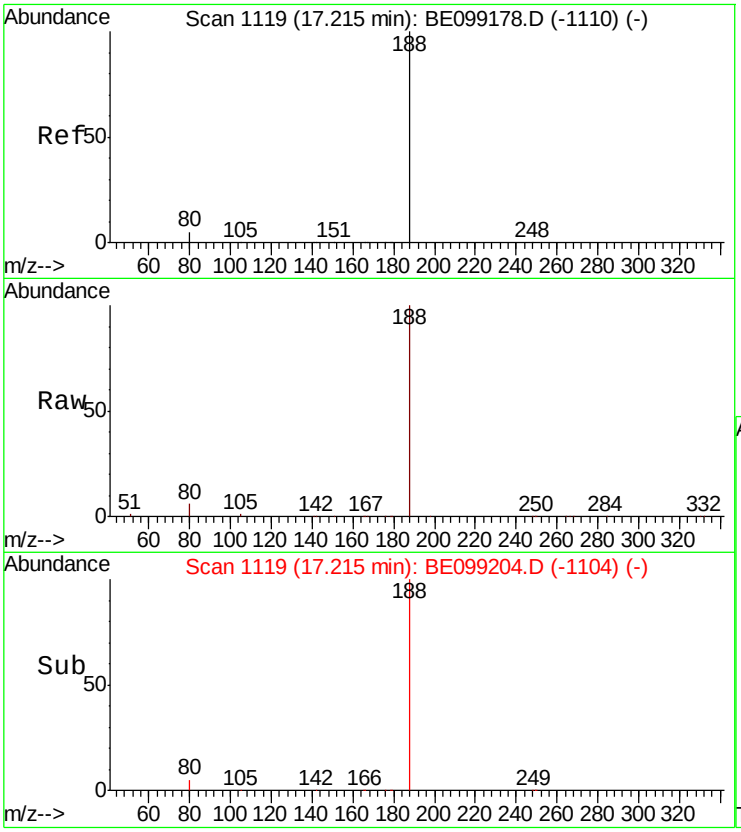


#18
Fluorene
Concen: 0.348 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:166 Resp: 20664

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.9	118.3
167	13.4	10.9	16.3



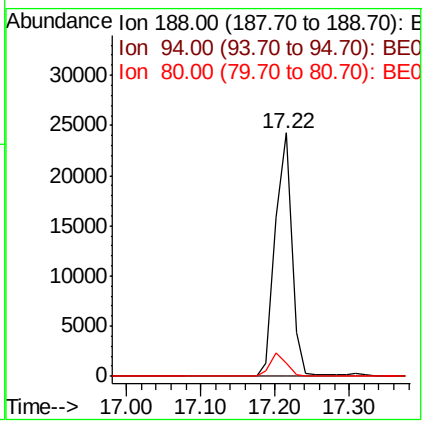


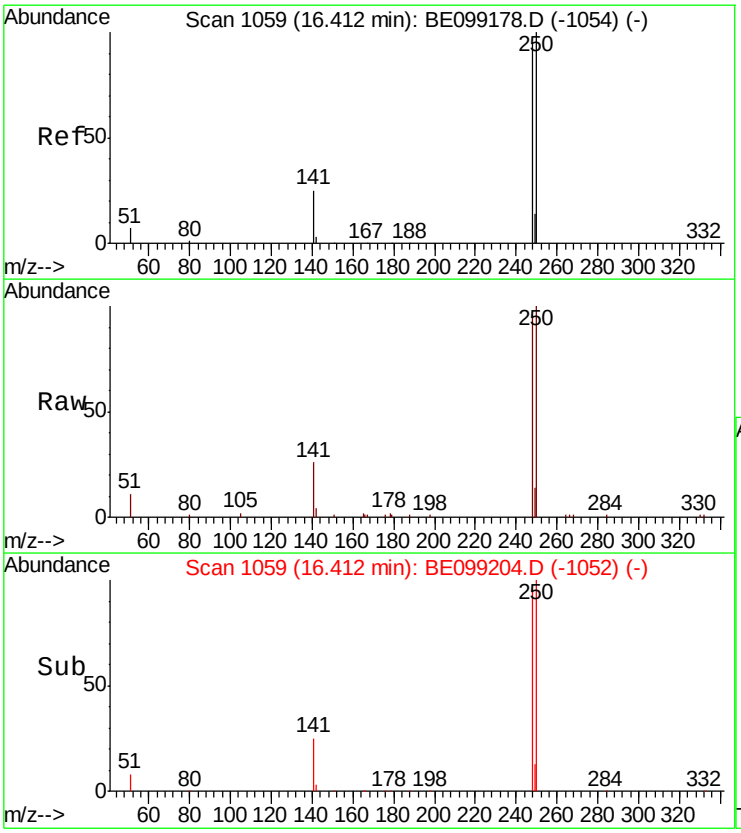
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 37231

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	4.5	6.7

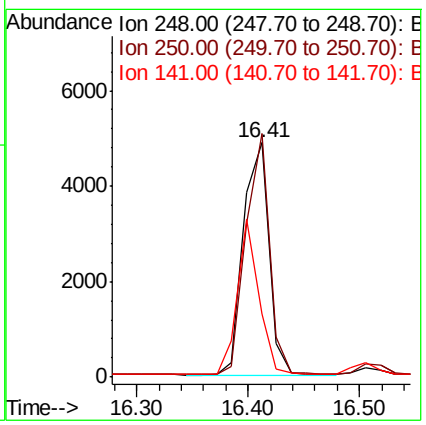


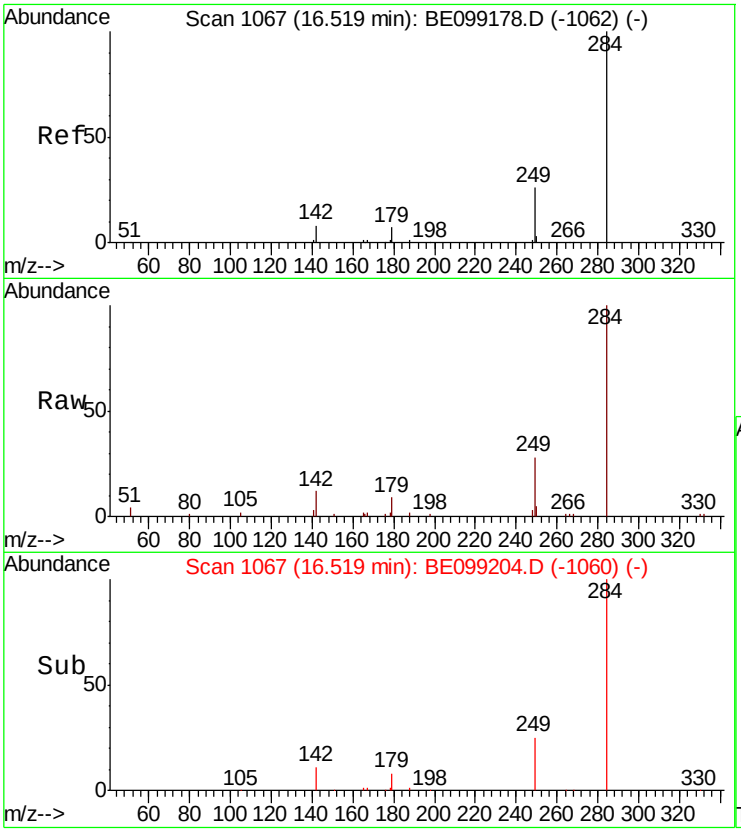


#20
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:248 Resp: 7779

Ion	Ratio	Lower	Upper
248	100		
250	104.0	84.2	126.2
141	27.2	21.8	32.6



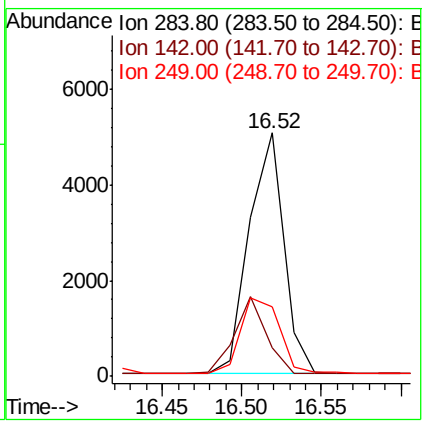


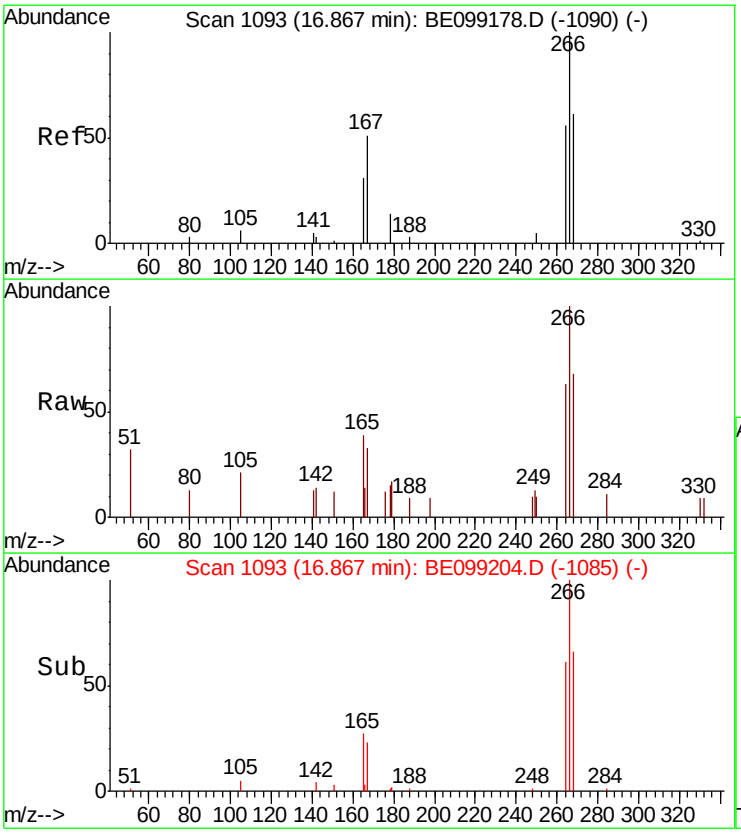
#21
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7633

Ion	Ratio	Lower	Upper
284	100		
142	29.6	22.7	34.1
249	34.5	26.9	40.3

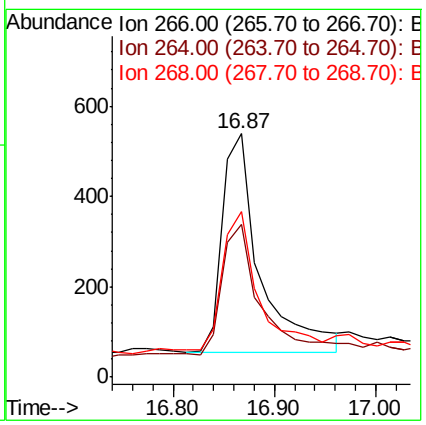


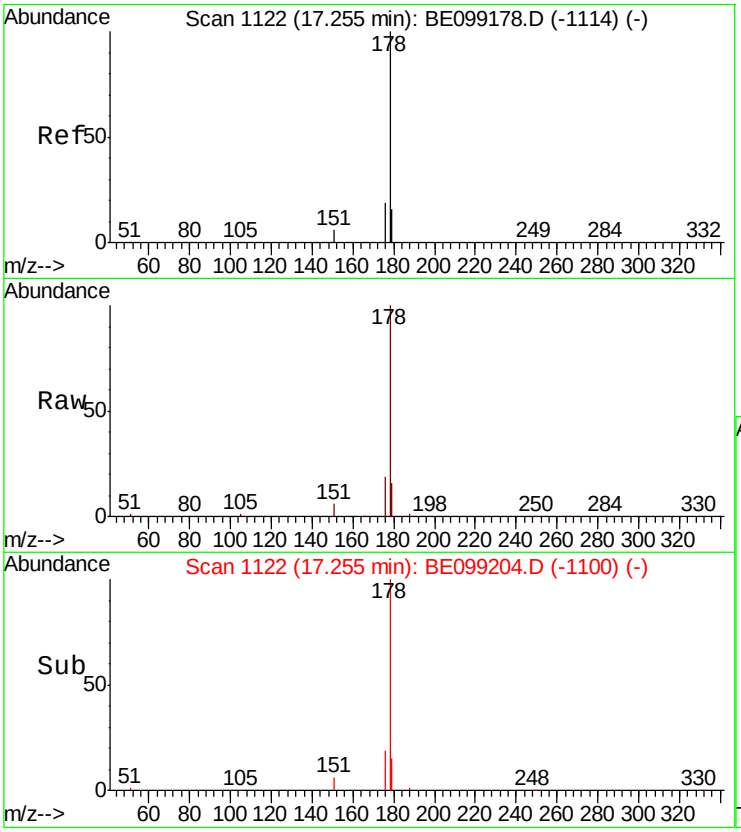


#22
Pentachlorophenol
Concen: 0.596 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:266 Resp: 1250

Ion	Ratio	Lower	Upper
266	100		
264	62.7	54.4	81.6
268	67.9	61.3	91.9



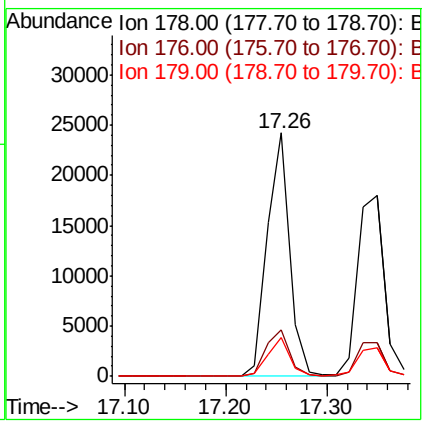


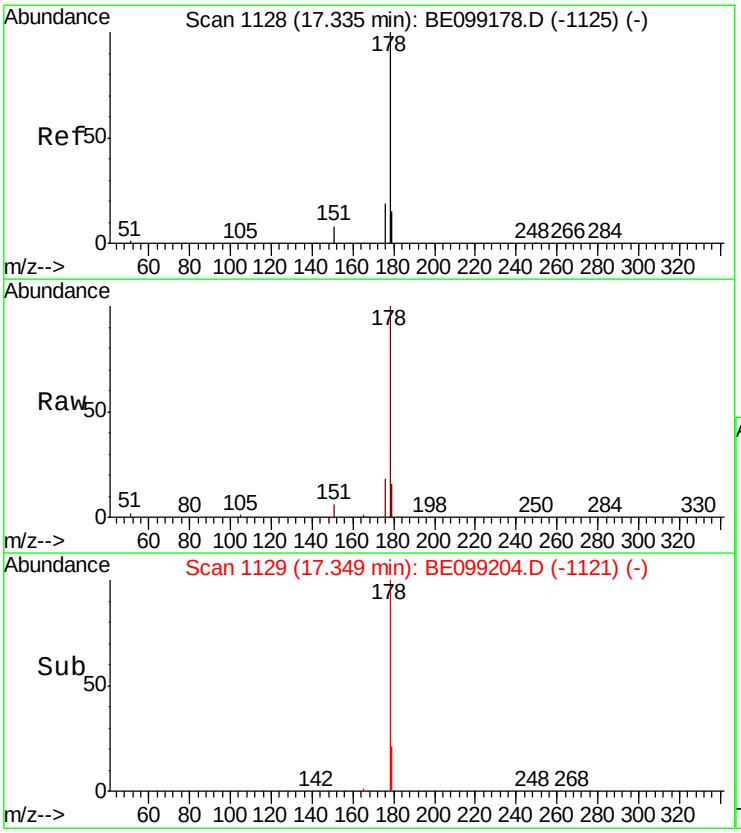
#23
Phenanthrene
Concen: 0.338 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 36972

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.2	12.3	18.5

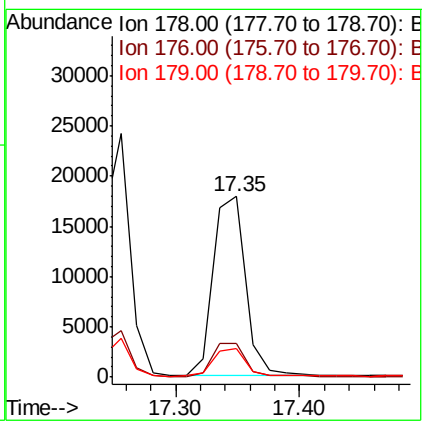


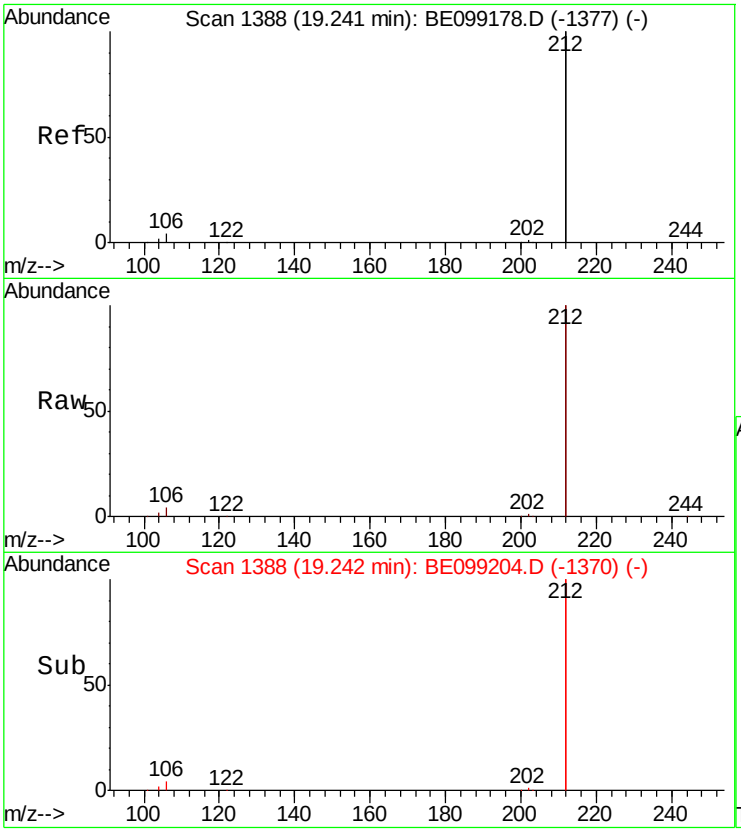


#24
Anthracene
Concen: 0.327 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:178 Resp: 32343

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.0	12.4	18.6



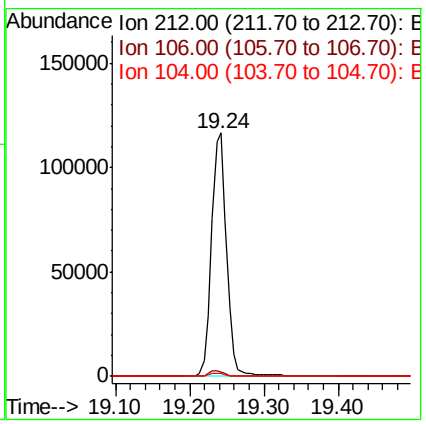


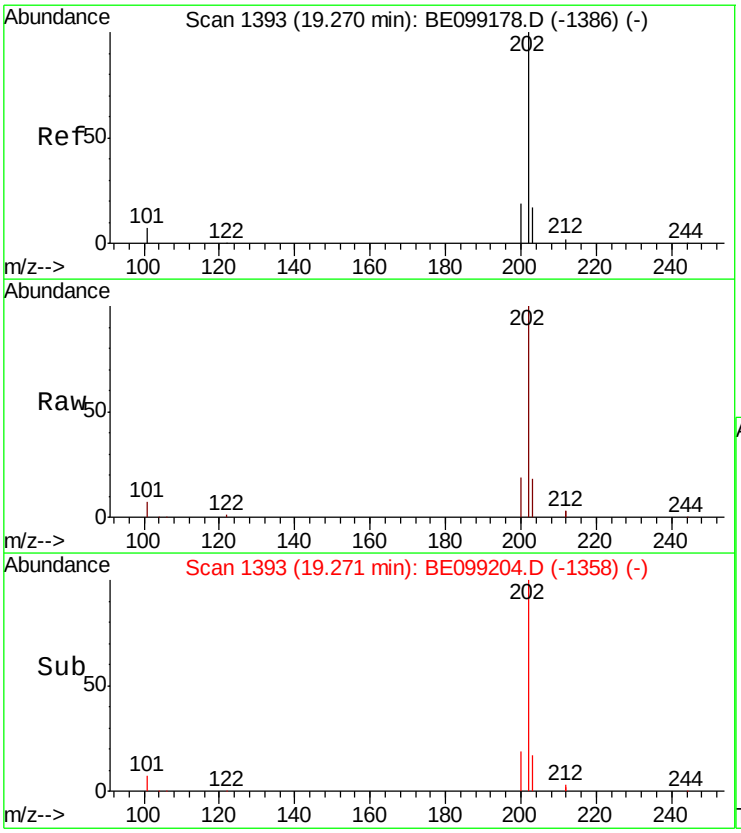
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 162469

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

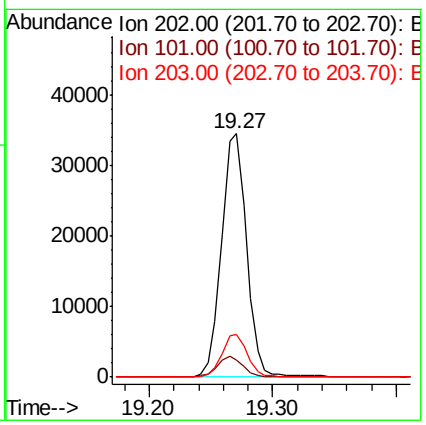


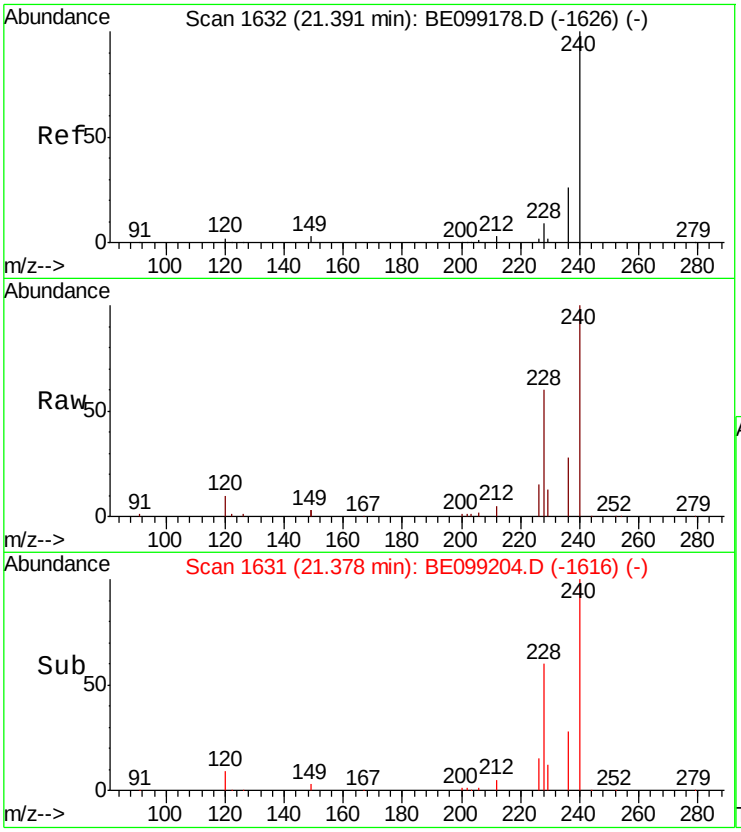


#26
Fluoranthene
Concen: 0.344 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:202 Resp: 47989

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
203	17.5	13.8	20.6



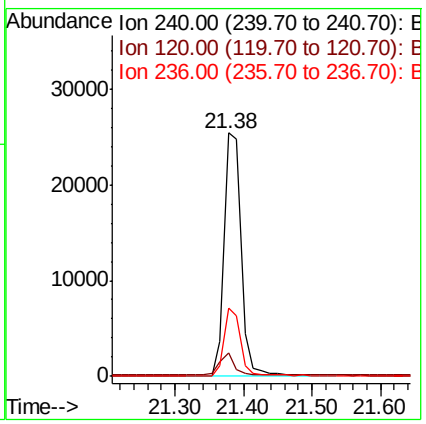


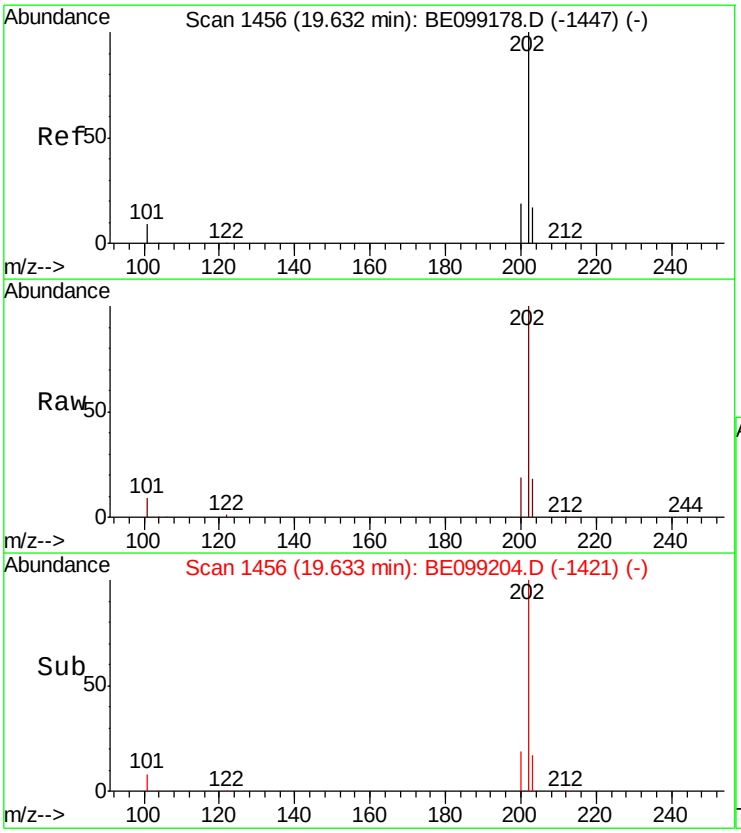
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 44050

Ion	Ratio	Lower	Upper
240	100		
120	9.5	2.6	3.8#
236	28.2	20.9	31.3

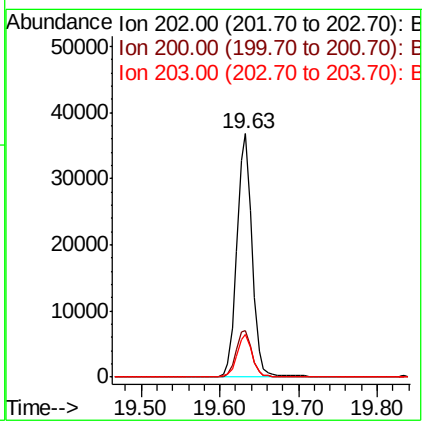


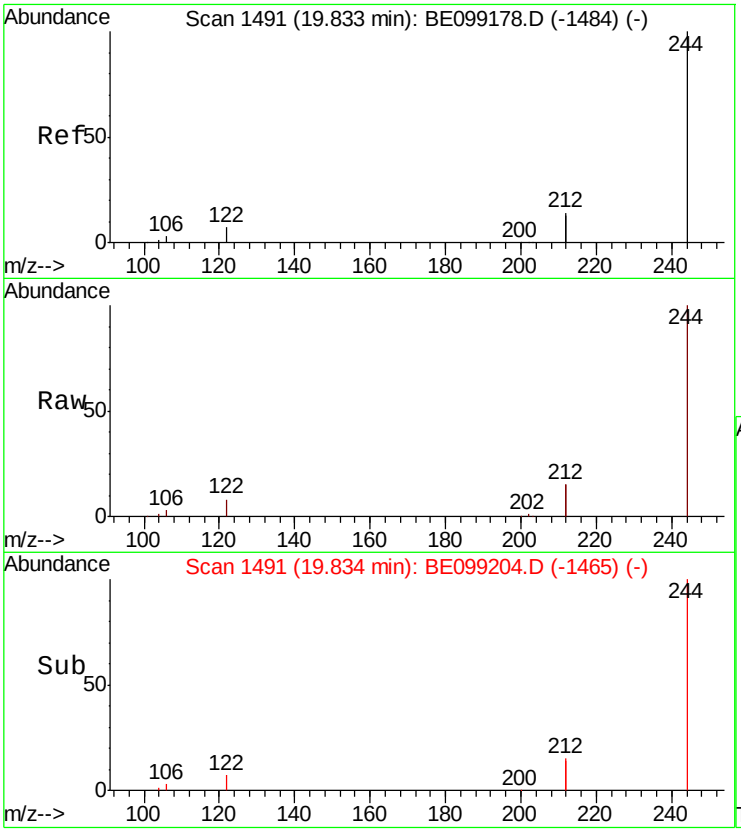


#28
Pyrene
Concen: 0.337 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:202 Resp: 49261

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.8
203	17.3	14.1	21.1



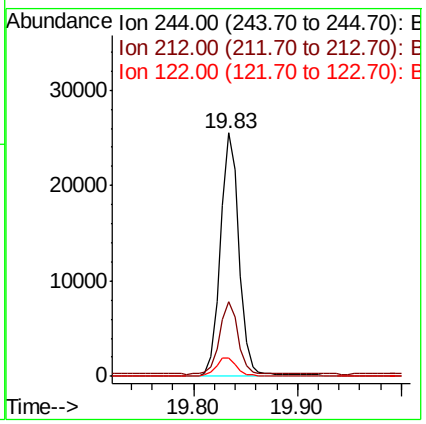


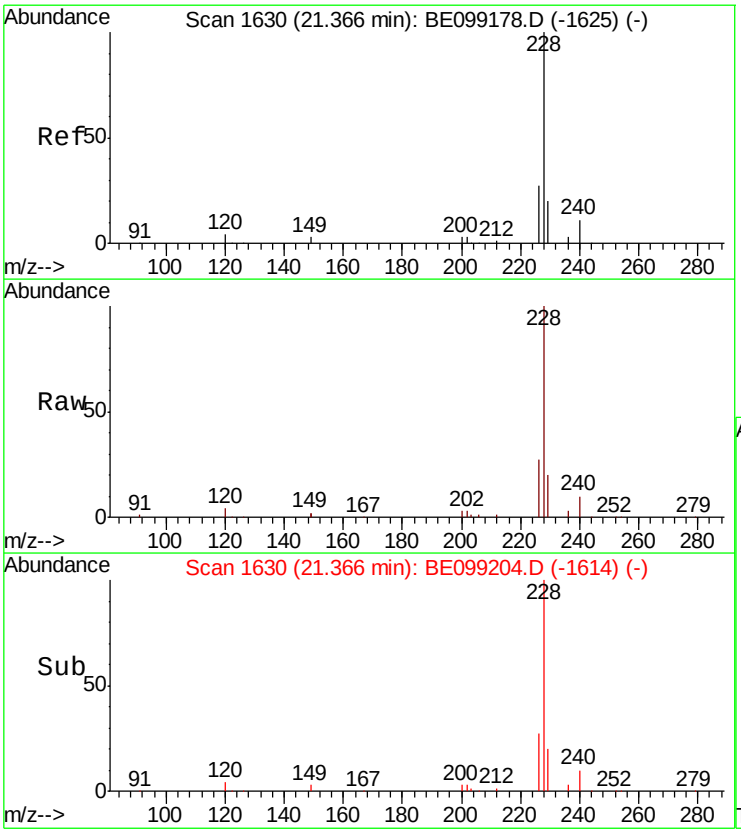
#29
Terphenyl-d14
Concen: 0.330 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 31602

Ion	Ratio	Lower	Upper
244	100		
212	30.7	22.7	34.1
122	7.6	5.8	8.6

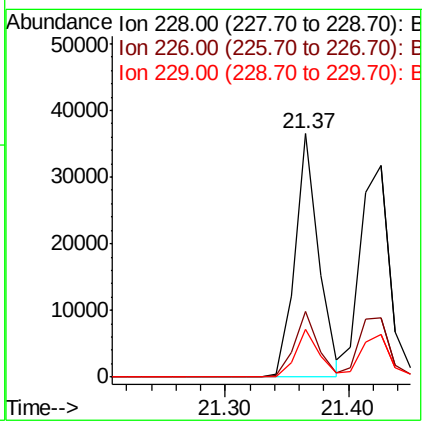


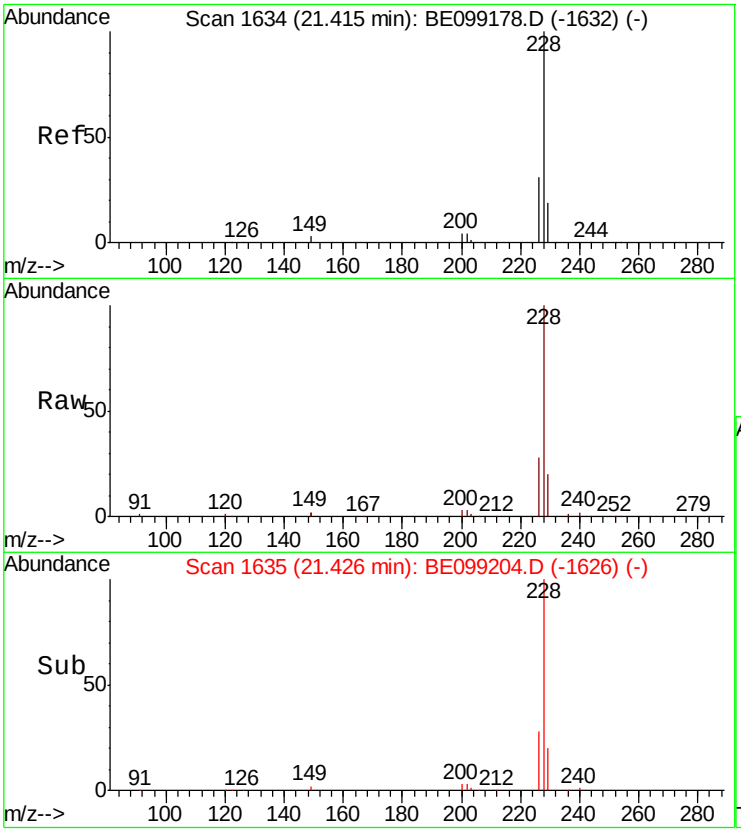


#30
Benzo(a)anthracene
Concen: 0.333 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:228 Resp: 48341

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.9	15.9	23.9



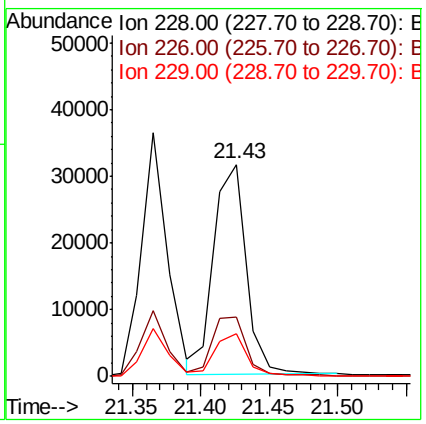


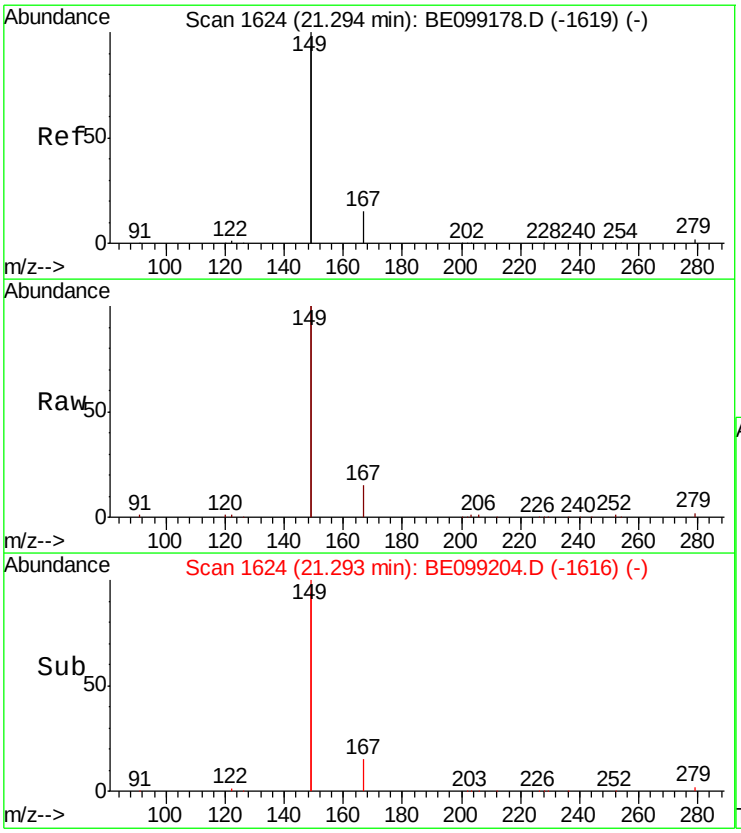
#31
Chrysene
Concen: 0.336 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 52129

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.8	37.2
229	20.0	15.4	23.0

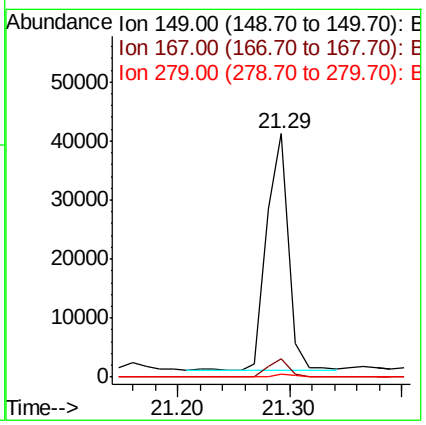


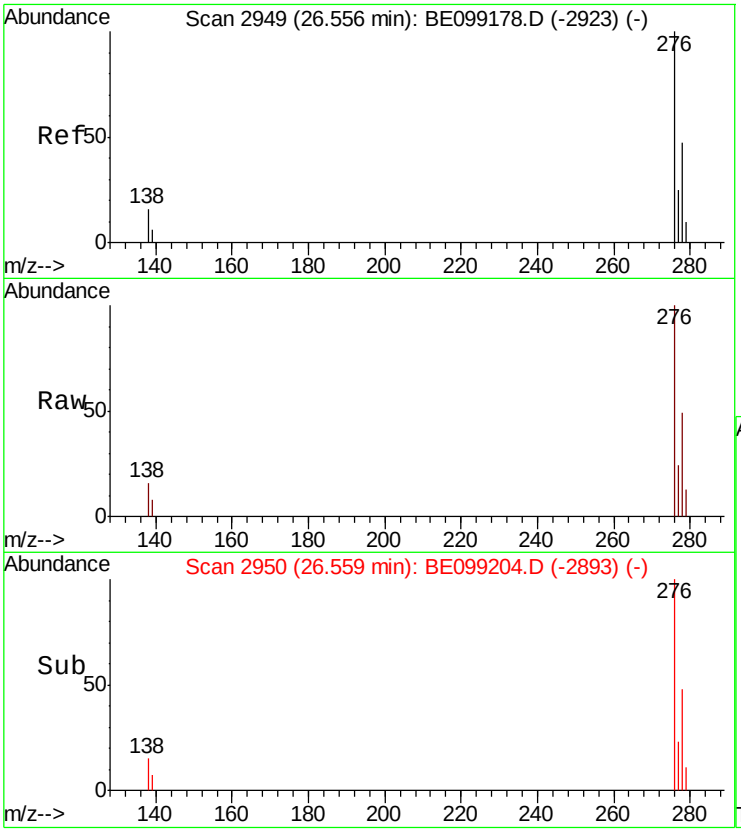


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:149 Resp: 53921

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.1	1.0	1.6



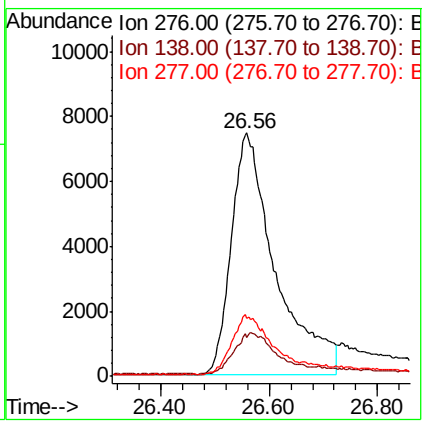


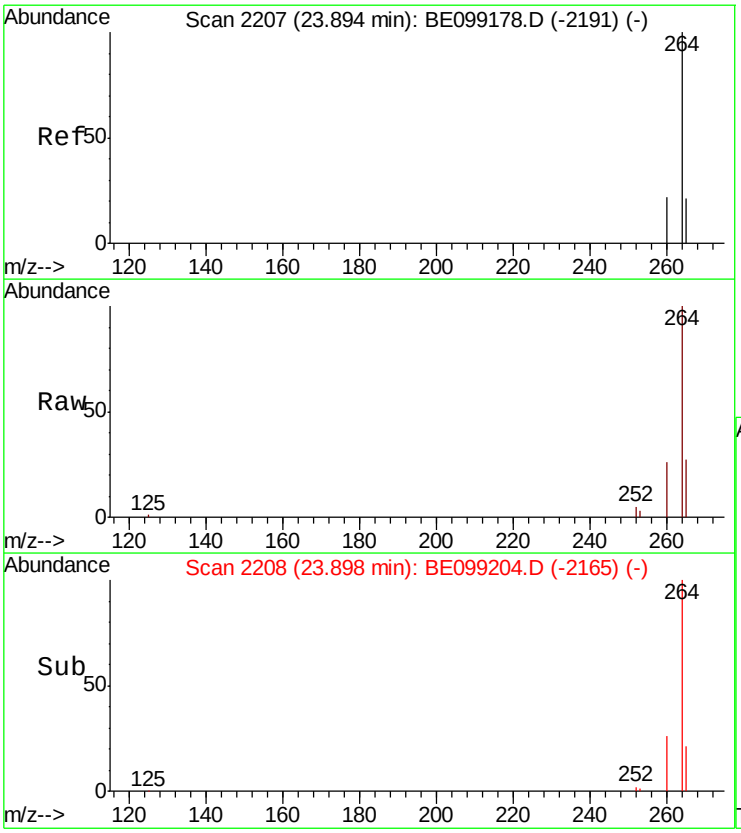
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng
RT: 26.56 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 42168

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.9	19.3
277	21.8	18.3	27.5

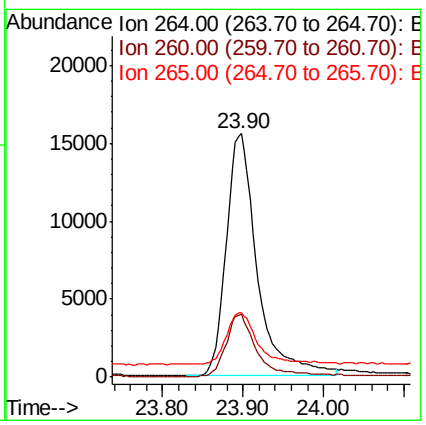


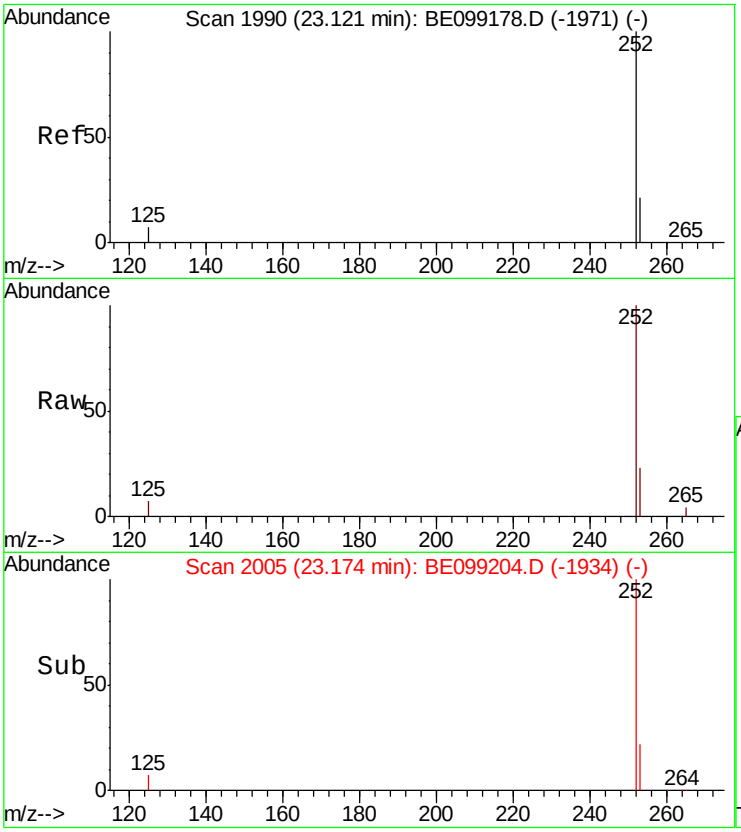


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:264 Resp: 41721

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.2	27.2
265	26.7	21.8	32.8



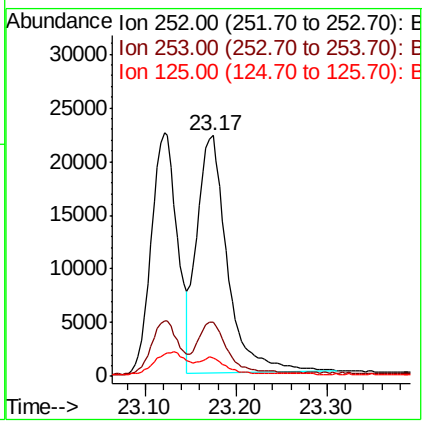


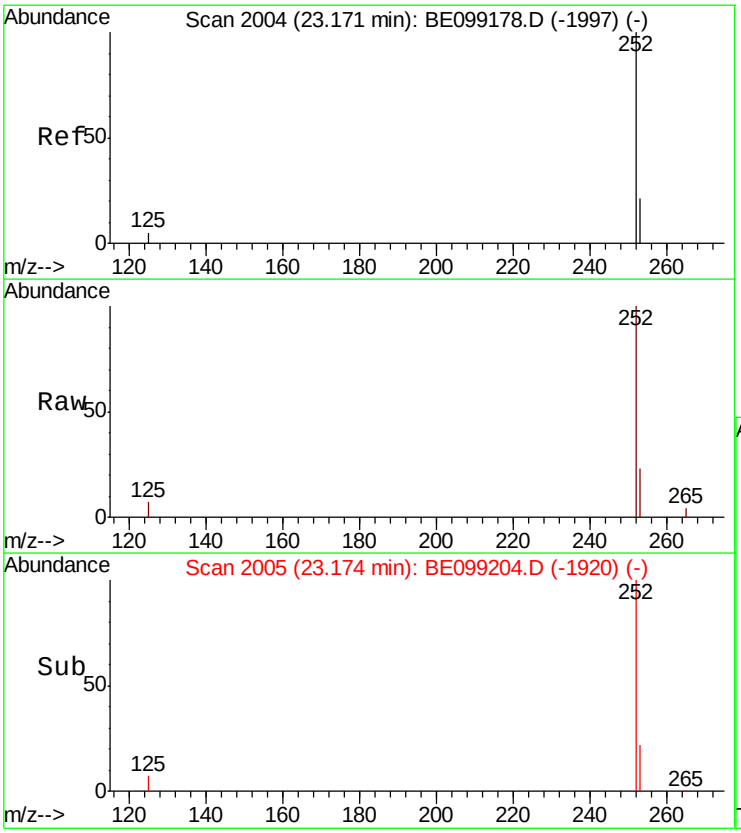
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 51100

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

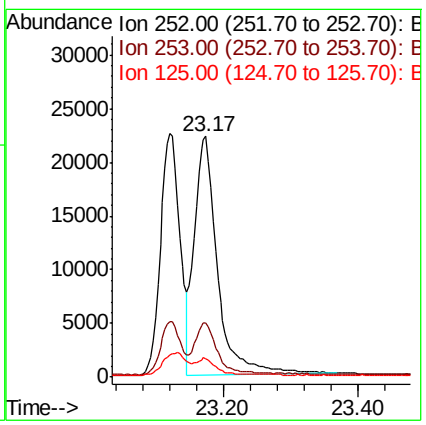


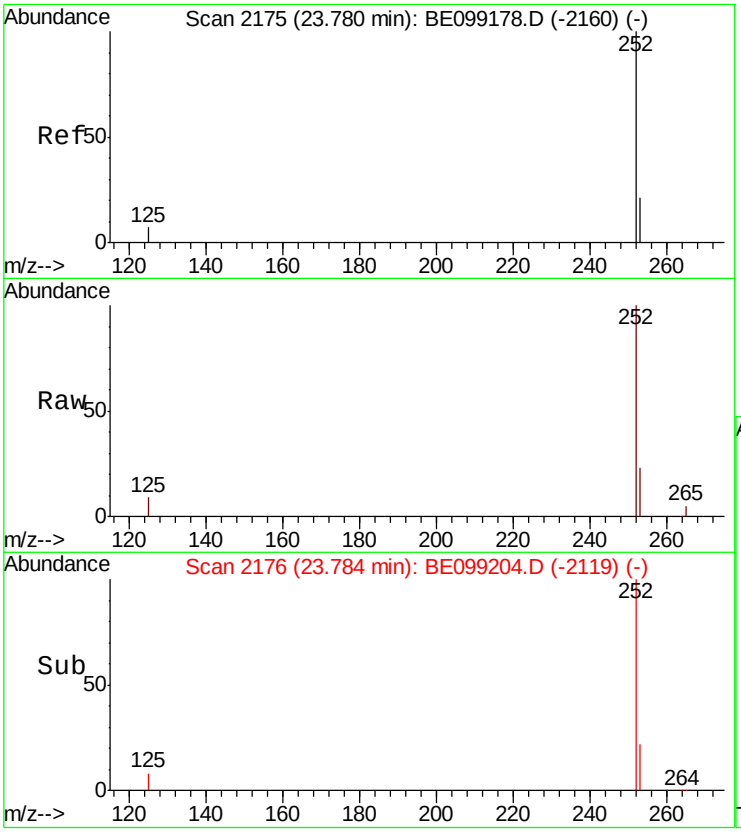


#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:252 Resp: 53004

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



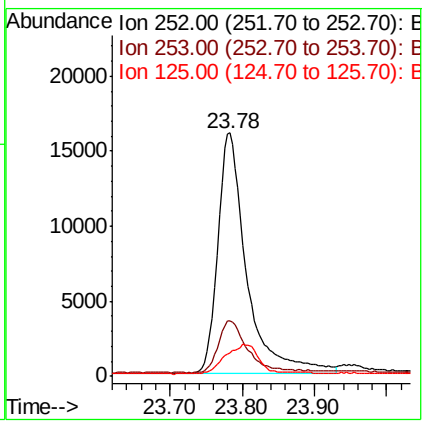


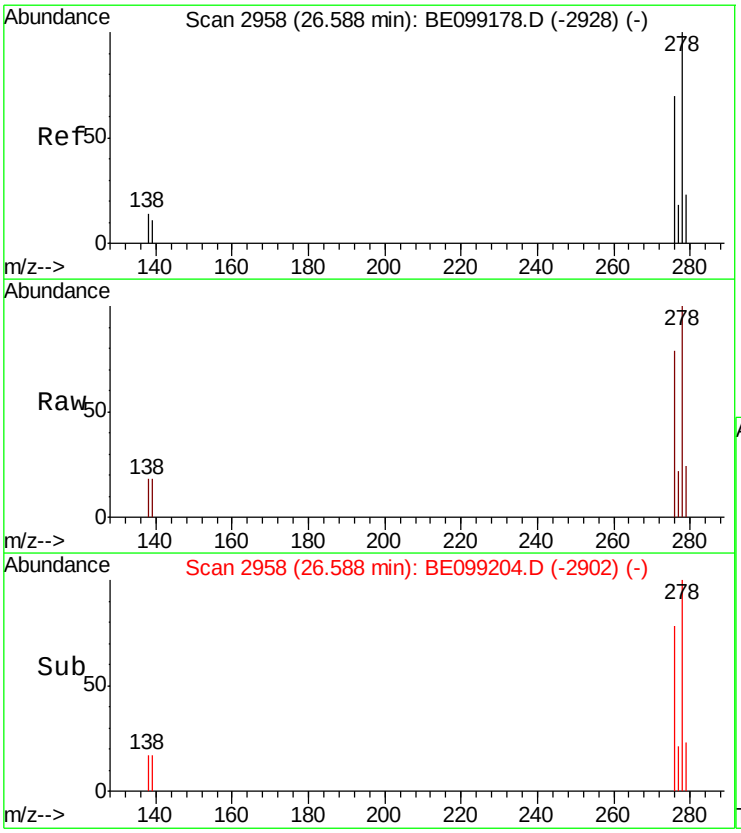
#37
Benzo(a)pyrene
Concen: 0.346 ng
RT: 23.78 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 44328

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.5	6.8	10.2

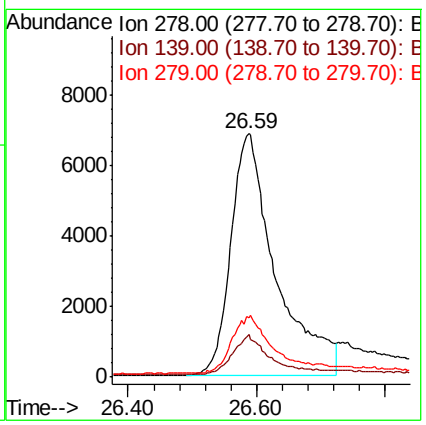


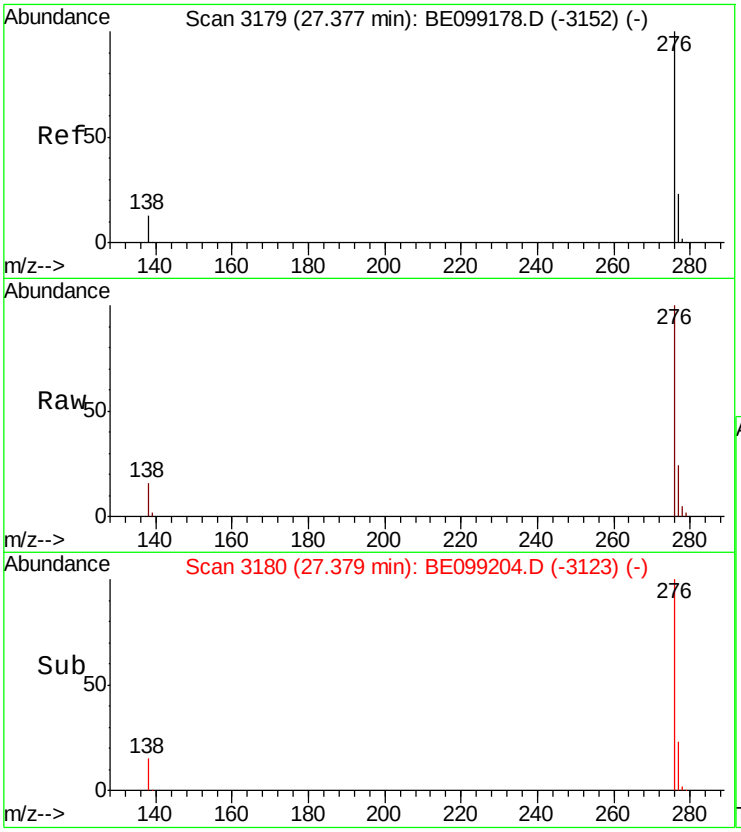


#38
Dibenzo(a,h)anthracene
Concen: 0.290 ng
RT: 26.59 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:278 Resp: 33054

Ion	Ratio	Lower	Upper
278	100		
139	17.7	9.5	14.3#
279	24.2	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.305 ng
RT: 27.38 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 34855

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	16.3	11.1	16.7