Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099191.D
Acq On : 25 Mar 2019 22:07
Operator : JU/SJ
Sample : K2020-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS027-190318

Quant Time: Mar 26 07:09:34 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	3449	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	15329	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	12392	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	35914	0.40	ng		0.00
27) Chrysene-d12	21.38	240	40019	0.40	ng		-0.01
34) Perylene-d12	23.89	264	39563	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1594	0.15	ng		0.00
5) Phenol-d6	6.99	99	1286	0.08	ng		0.00
8) Nitrobenzene-d5	8.99	82	4674	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	10986	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	2463	0.58	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	20452	0.40	ng		0.00
25) Fluoranthene-d10	19.24	212	176792	0.41	ng		0.00
29) Terphenyl-d14	19.83	244	34662	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	431	0.095	ng	#	79
3) n-Nitrosodimethylamine	3.64	42	40	0.016	ng	#	1
6) bis(2-Chloroethyl)ether	7.27	93	33	0.003	ng	#	5
9) Naphthalene	10.68	128	552	0.003	ng	#	73
10) Hexachlorobutadiene	10.94	225	16	0.002	ng	#	59
12) 2-Methylnaphthalene	12.30	142	69	0.002	ng	#	8
16) Acenaphthylene	14.21	152	54	0.001	ng	#	1
17) Acenaphthene	14.56	154	56	0.001	ng	#	75
18) Fluorene	15.51	166	81	0.002	ng	#	1
20) 4-Bromophenyl-phenylether	16.41	248	22	0.001	ng	#	4
21) Hexachlorobenzene	16.52	284	23	0.001	ng	#	1
22) Pentachlorophenol	16.87	266	115	0.274	ng		84
23) Phenanthrene	17.26	178	584	0.006	ng	#	36
24) Anthracene	17.35	178	799	0.008	ng	#	88
26) Fluoranthene	19.27	202	526	0.004	ng	#	91
28) Pyrene	19.63	202	905	0.007	ng	#	72
30) Benzo(a)anthracene	21.37	228	577	0.004	ng	#	7
31) Chrysene	21.41	228	265	0.002	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.29	149	26813	0.170	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	63	0.000	ng	#	72
35) Benzo(b)fluoranthene	23.12	252	370	0.003	ng	#	1
36) Benzo(k)fluoranthene	23.17	252	233	0.002	ng	#	1
37) Benzo(a)pyrene	23.79	252	148	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	26.57	278	10	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.37	276	16	0.000	ng	#	1

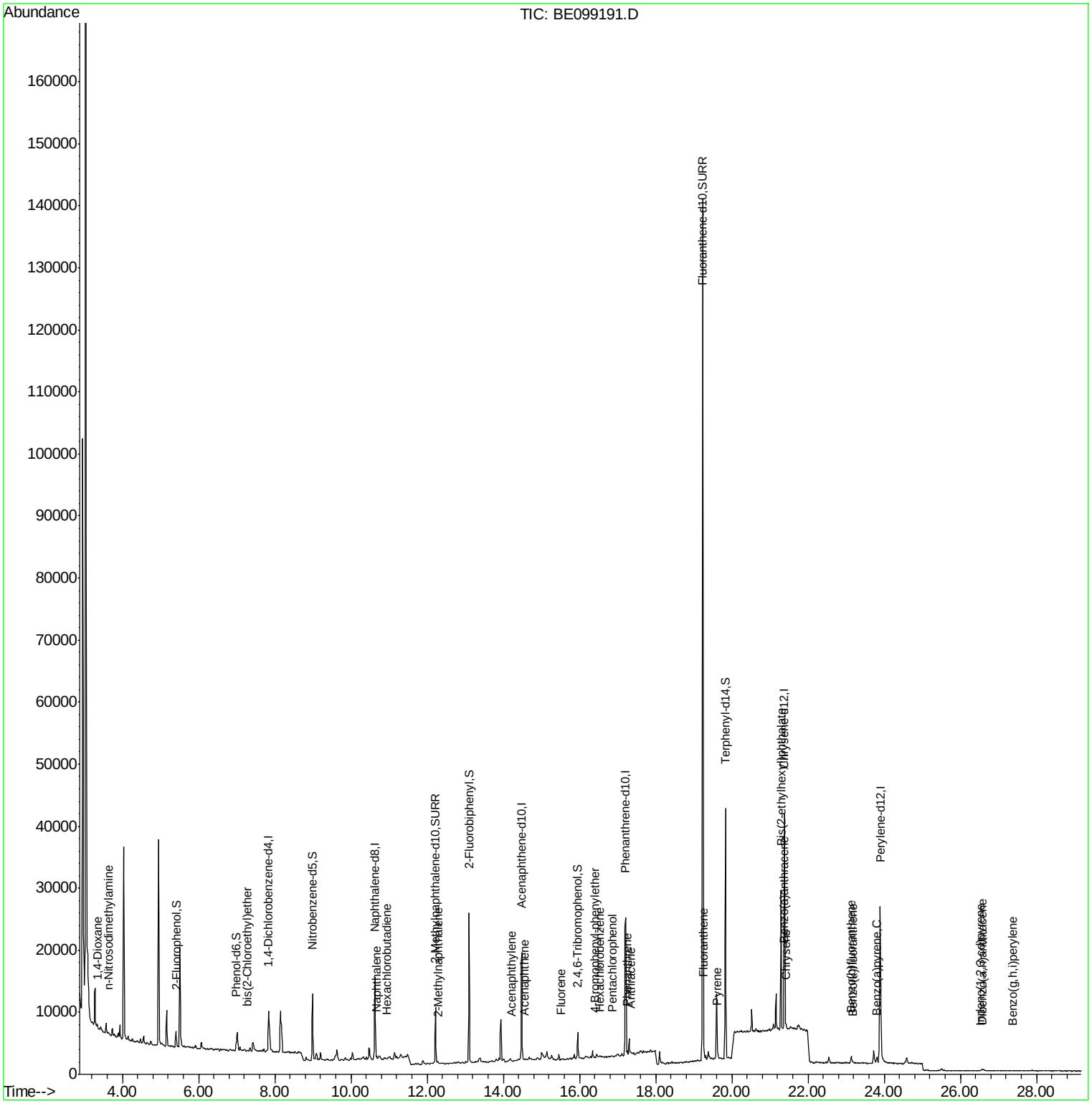
(#) = qualifier out of range (m) = manual integration (+) = signals summed

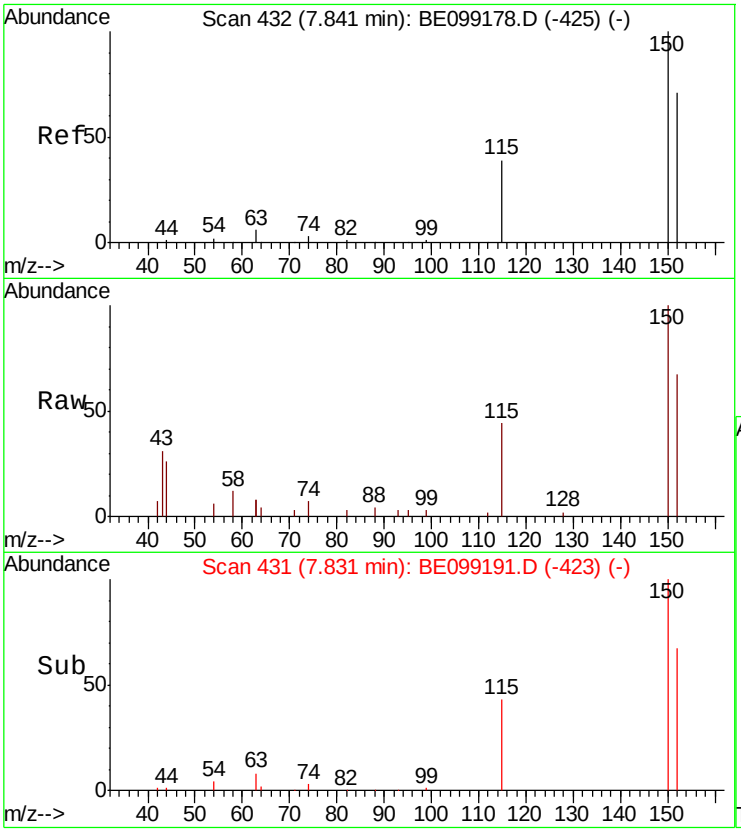
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099191.D
Acq On : 25 Mar 2019 22:07
Operator : JU/SJ
Sample : K2020-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Quant Time: Mar 26 07:09:34 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



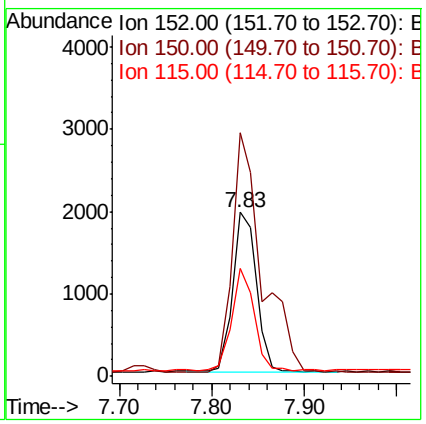


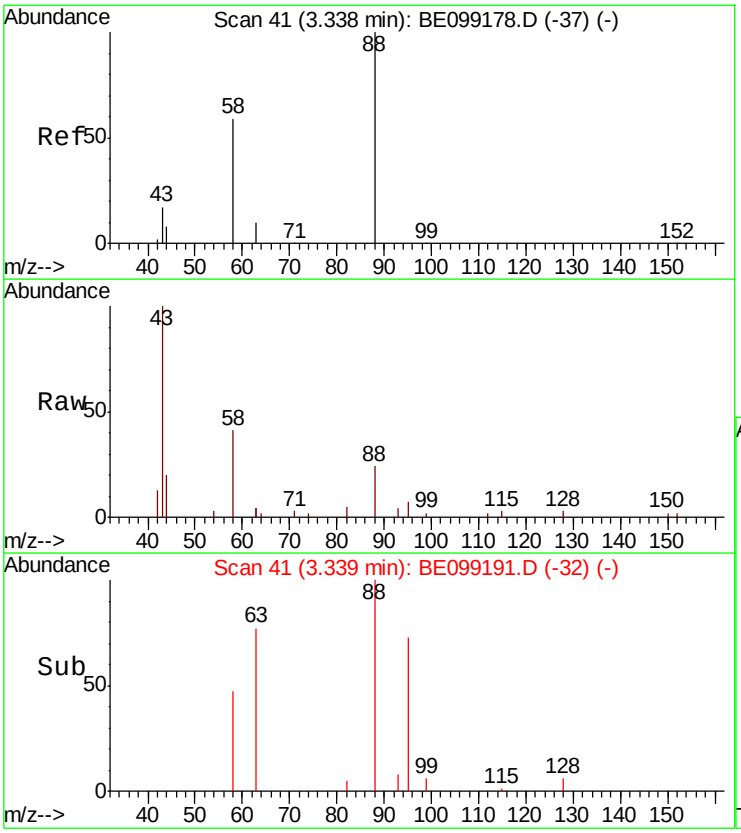
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:152 Resp: 3449

Ion	Ratio	Lower	Upper
152	100		
150	148.5	112.8	169.2
115	66.0	45.1	67.7

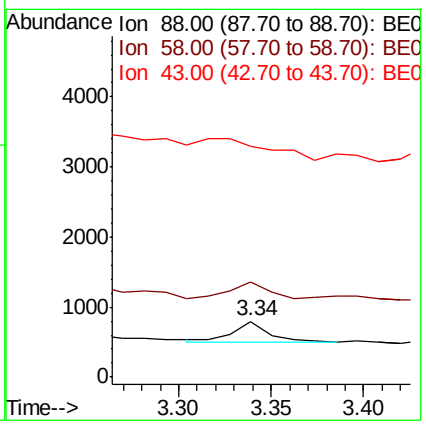


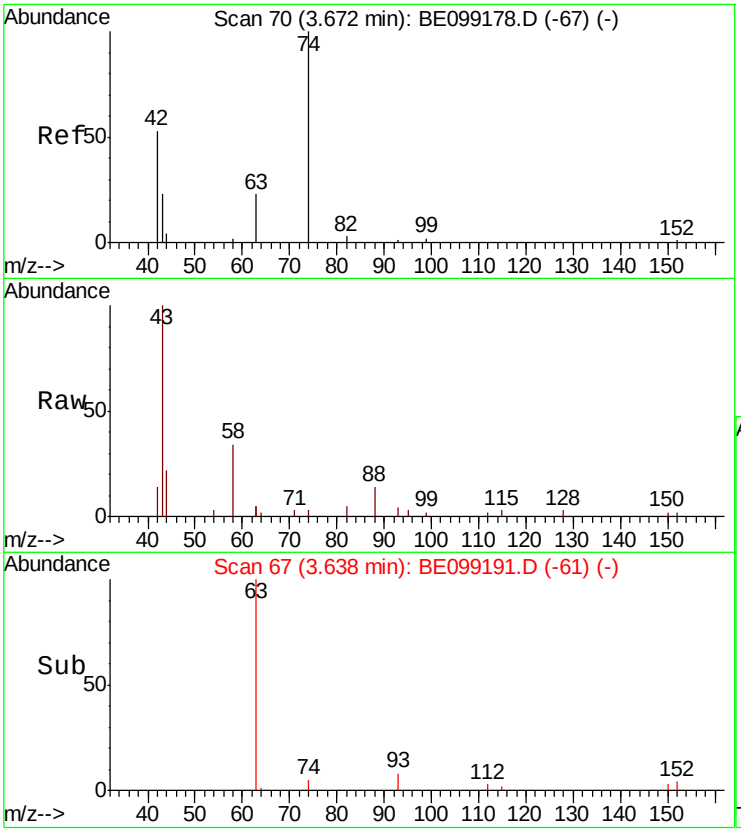


#2
1,4-Dioxane
Concen: 0.095 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion: 88 Resp: 431

Ion	Ratio	Lower	Upper
88	100		
58	69.4	47.4	71.0
43	0.0	15.6	23.4#



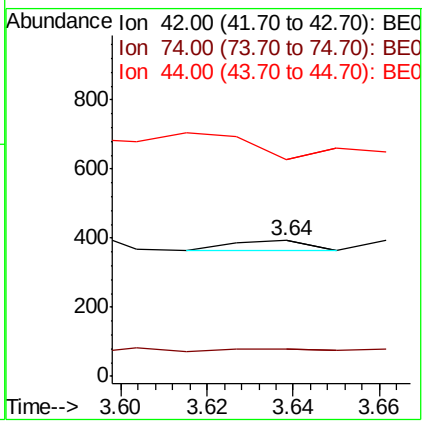


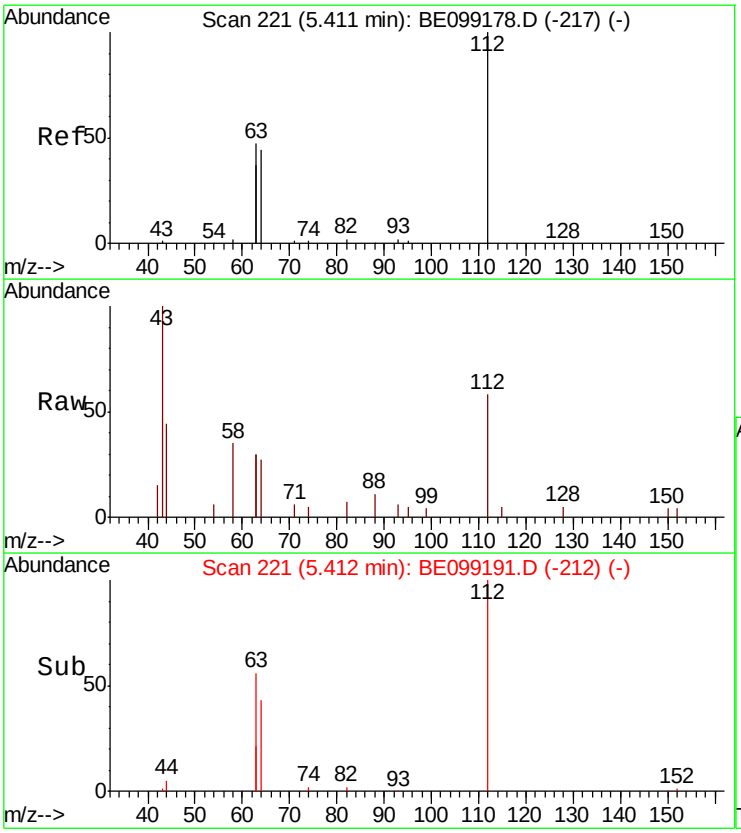
#3
n-Nitrosodimethylamine
Concen: 0.016 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.03 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion: 42 Resp: 40

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

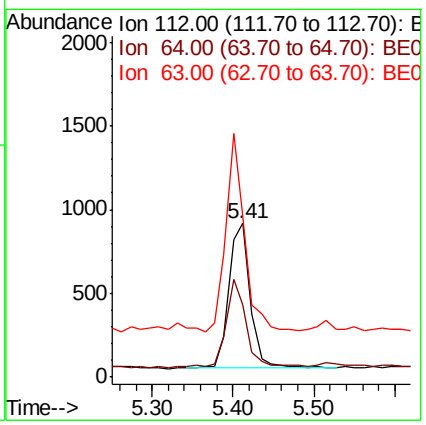


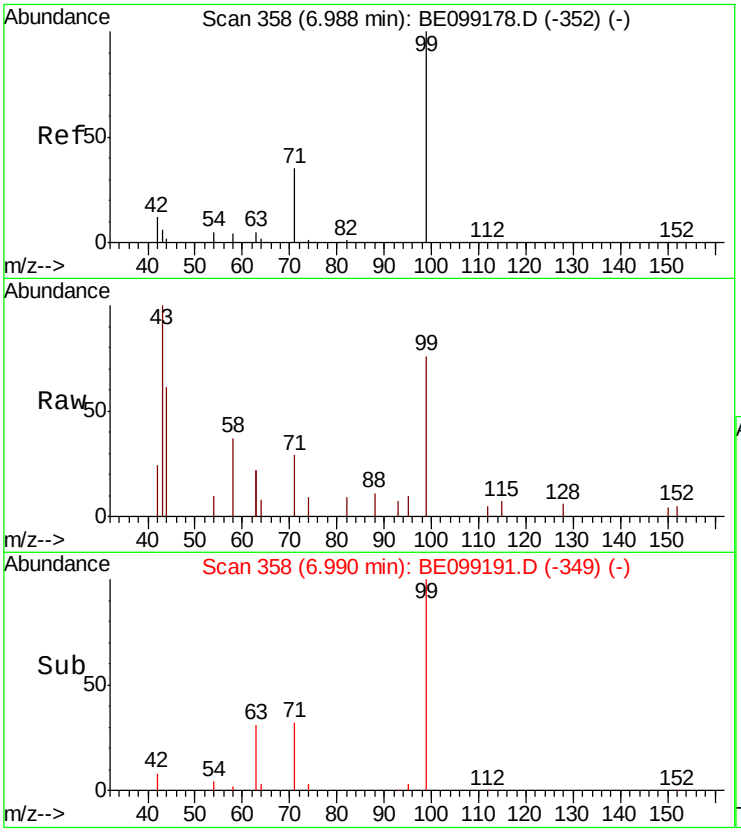


#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:112 Resp: 1594

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.2	69.2
63	117.8	89.9	134.9



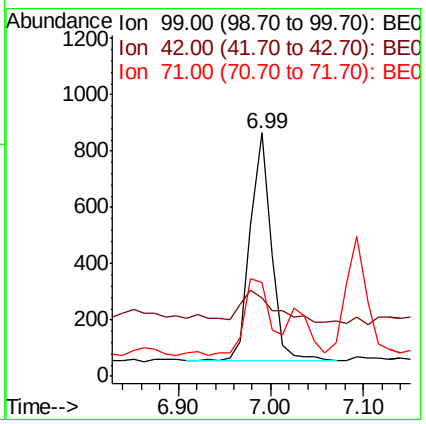


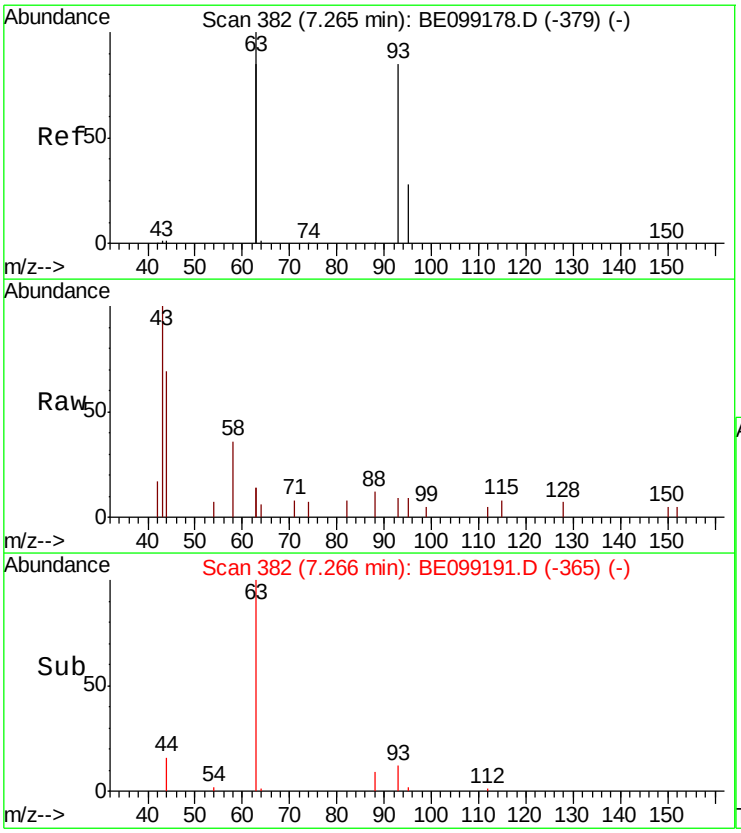
#5
Phenol-d6
Concen: 0.082 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion: 99 Resp: 1286

Ion	Ratio	Lower	Upper
99	100		
42	21.4	12.4	18.6#
71	42.1	28.4	42.6

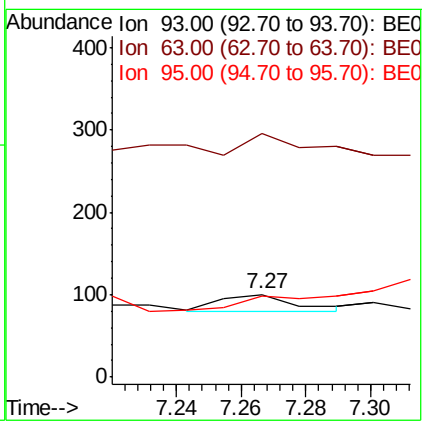


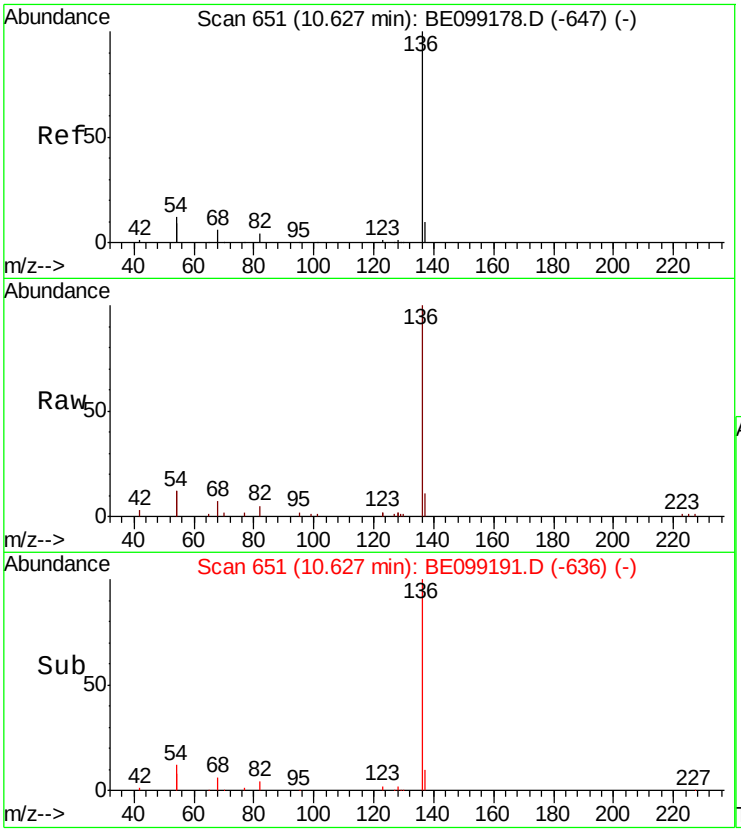


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.27 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion: 93 Resp: 33

Ion	Ratio	Lower	Upper
93	100		
63	90.9	221.4	332.0#
95	0.0	25.8	38.8#



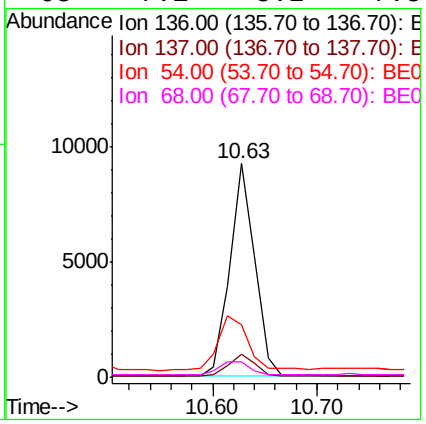


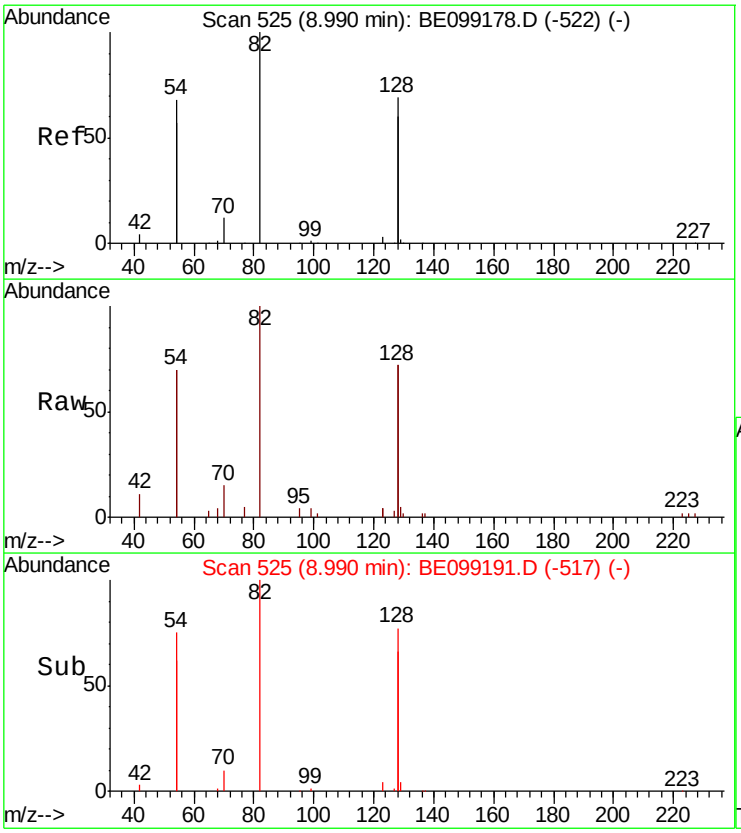
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:136 Resp: 15329

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	24.6	18.7	28.1
68	7.1	5.2	7.8

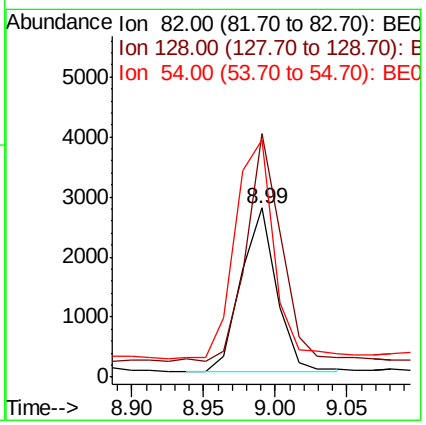


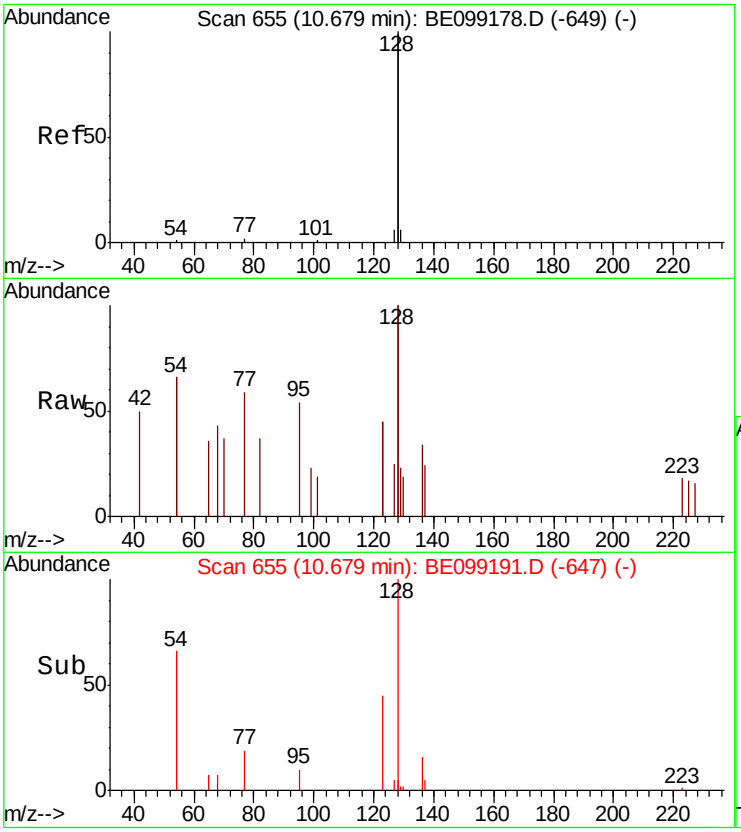


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion: 82 Resp: 4674

Ion	Ratio	Lower	Upper
82	100		
128	144.3	107.5	161.3
54	140.7	106.3	159.5



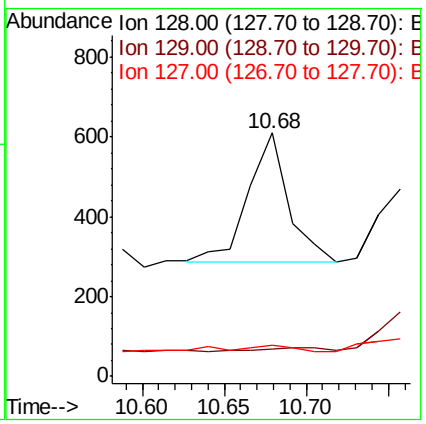


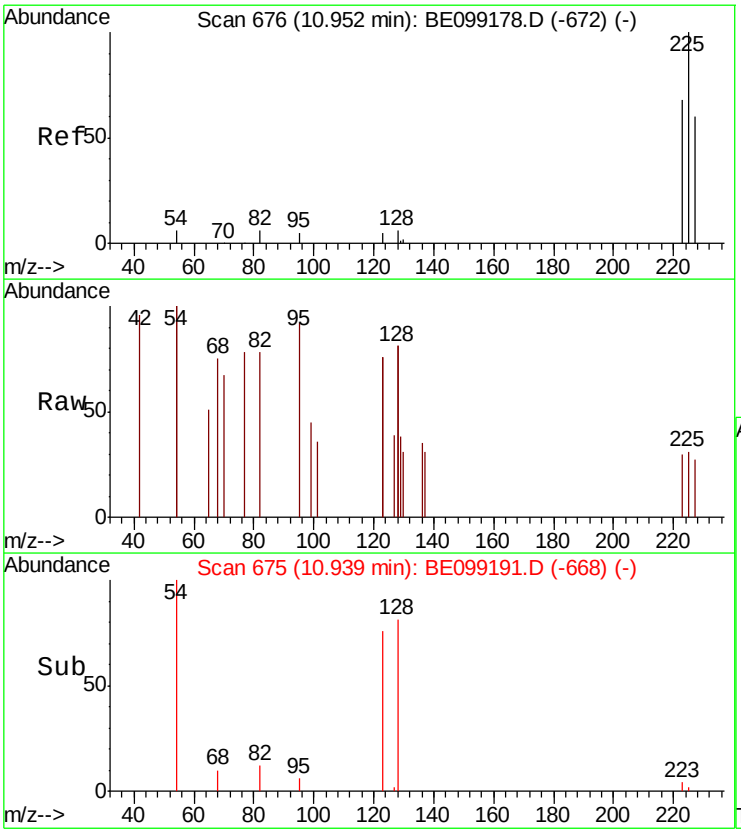
#9
Naphthalene
Concen: 0.003 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:128 Resp: 552

Ion	Ratio	Lower	Upper
128	100		
129	11.3	2.3	3.5#
127	12.6	2.6	3.8#

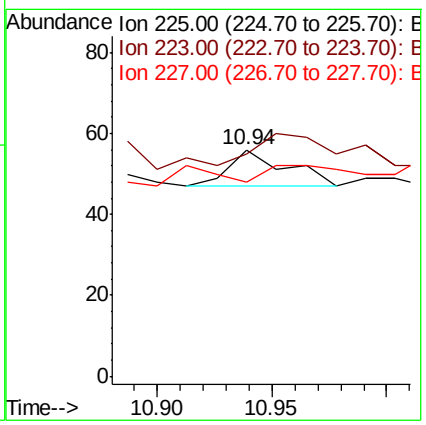


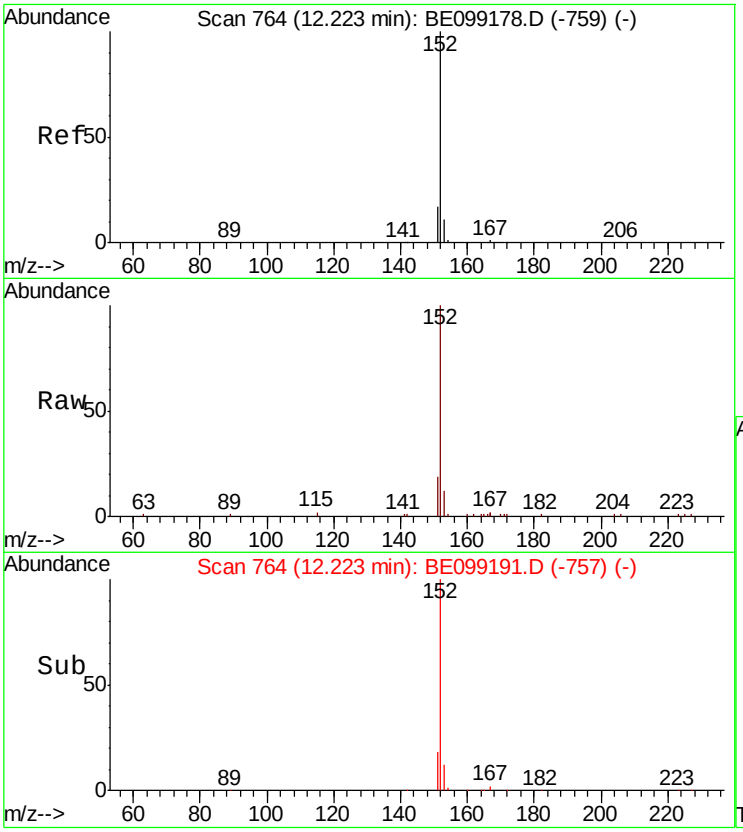


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:225 Resp: 16

Ion	Ratio	Lower	Upper
225	100		
223	125.0	51.3	76.9#
227	62.5	48.6	73.0



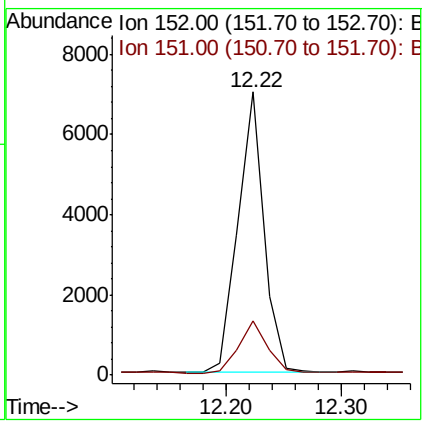


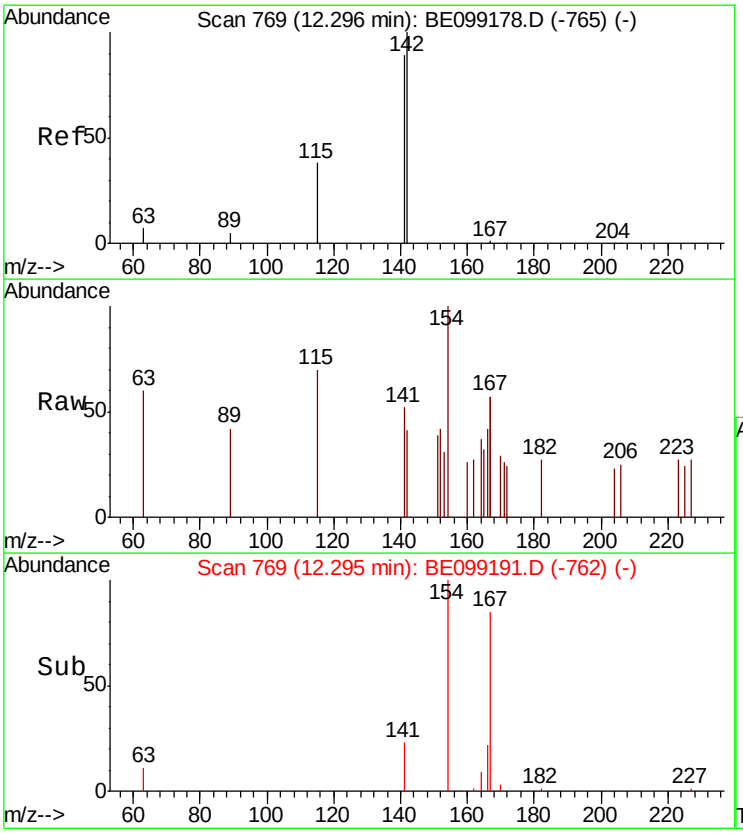
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:152 Resp: 10986

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.0	22.6

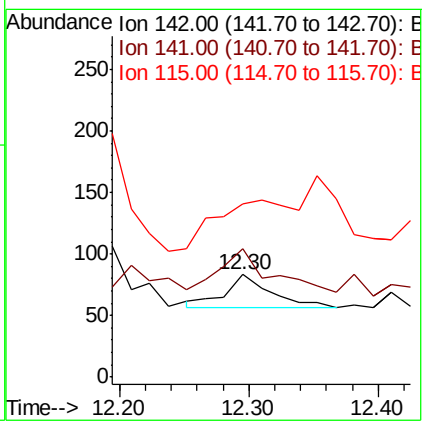


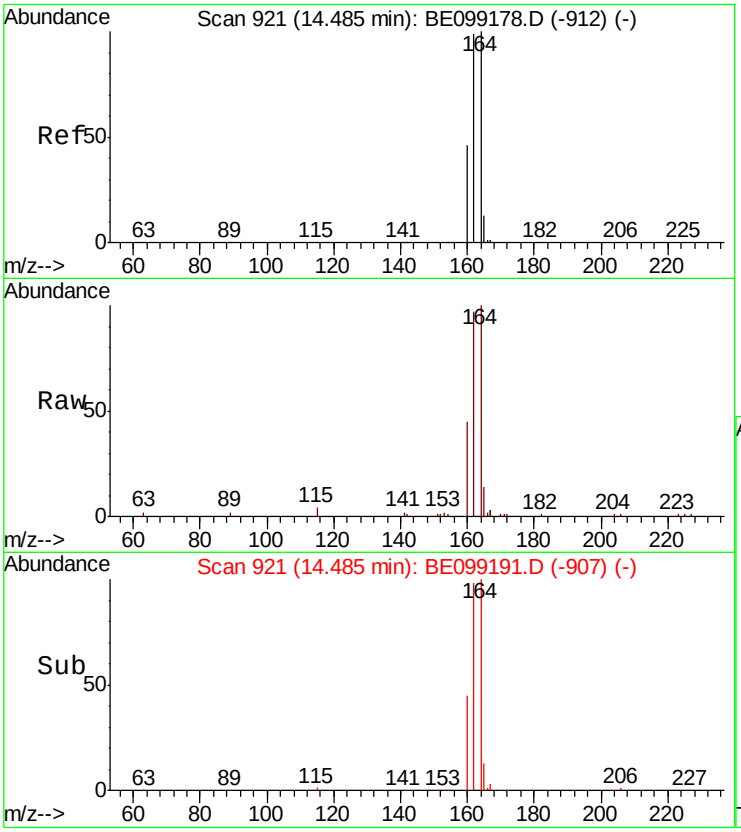


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:142 Resp: 69

Ion	Ratio	Lower	Upper
142	100		
141	125.3	71.3	106.9#
115	169.9	30.4	45.6#



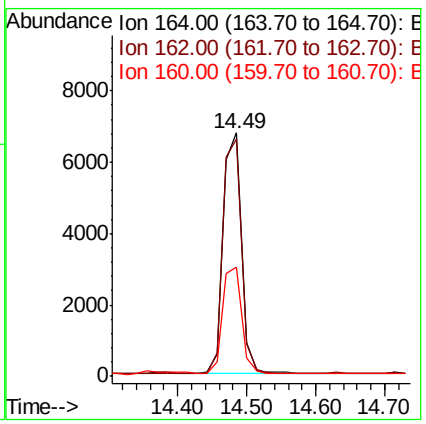


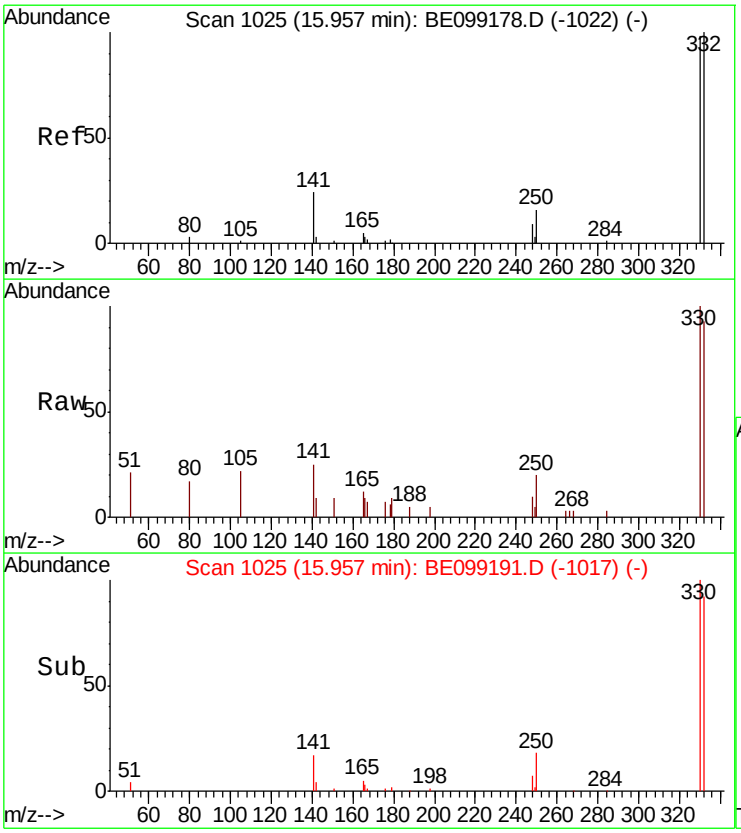
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:164 Resp: 12392

Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.2	118.8
160	44.8	36.7	55.1

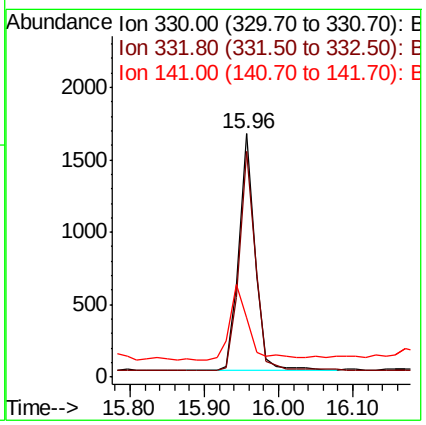


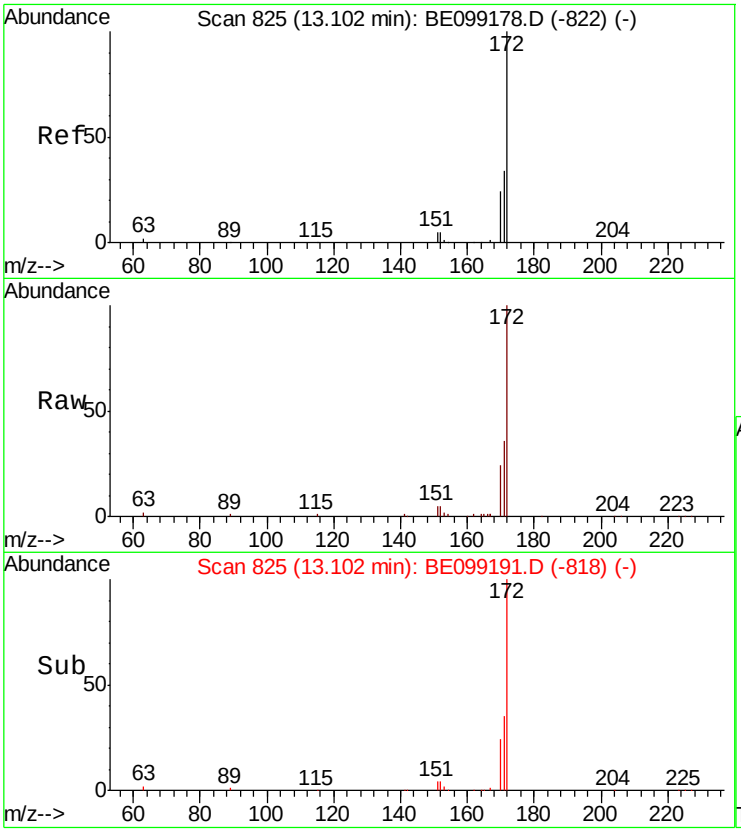


#14
2,4,6-Tribromophenol
Concen: 0.577 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:330 Resp: 2463

Ion	Ratio	Lower	Upper
330	100		
332	94.5	71.3	106.9
141	38.9	21.7	32.5#



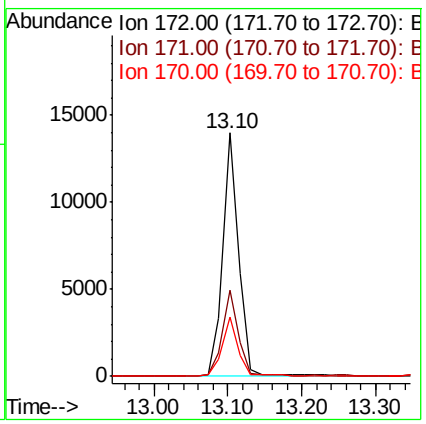


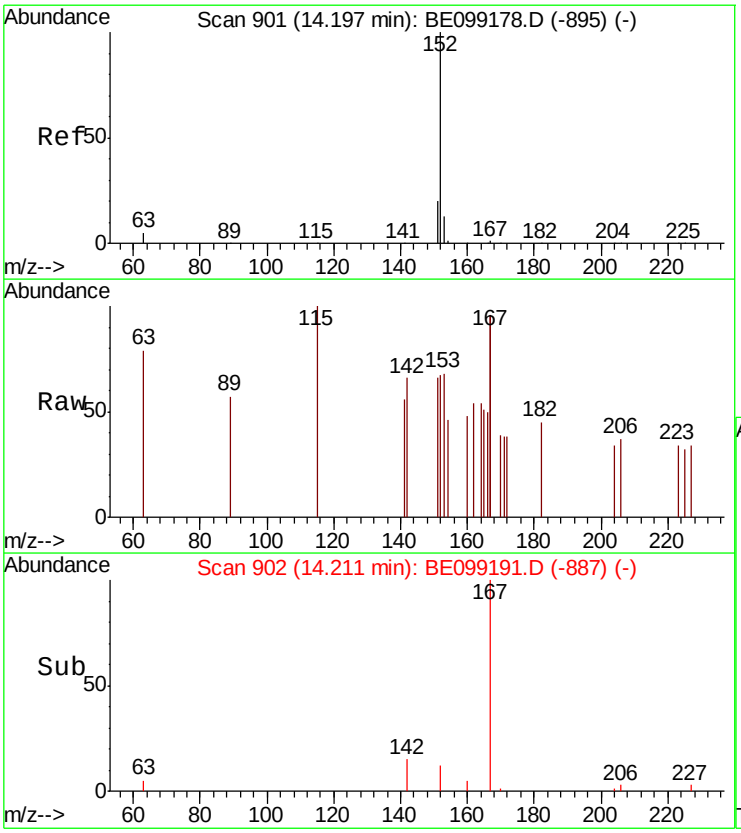
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:172 Resp: 20452

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	24.4	19.1	28.7

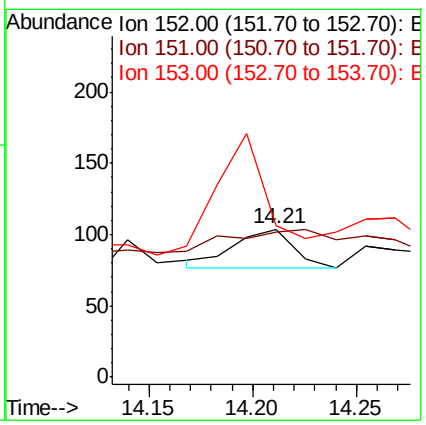


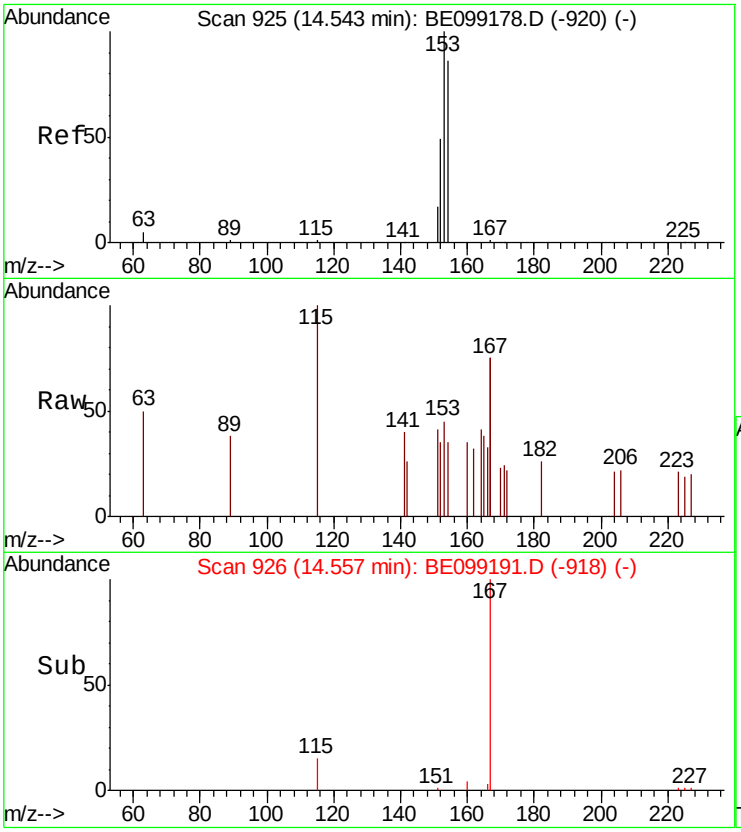


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:152 Resp: 54

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	274.1	10.6	15.8#



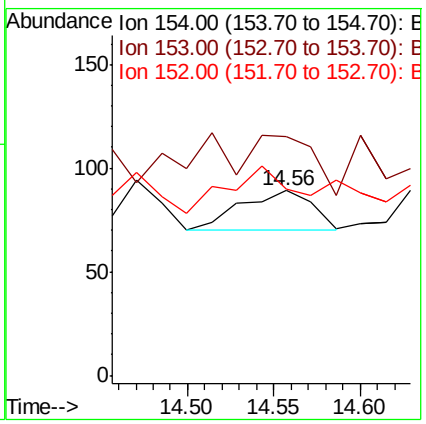


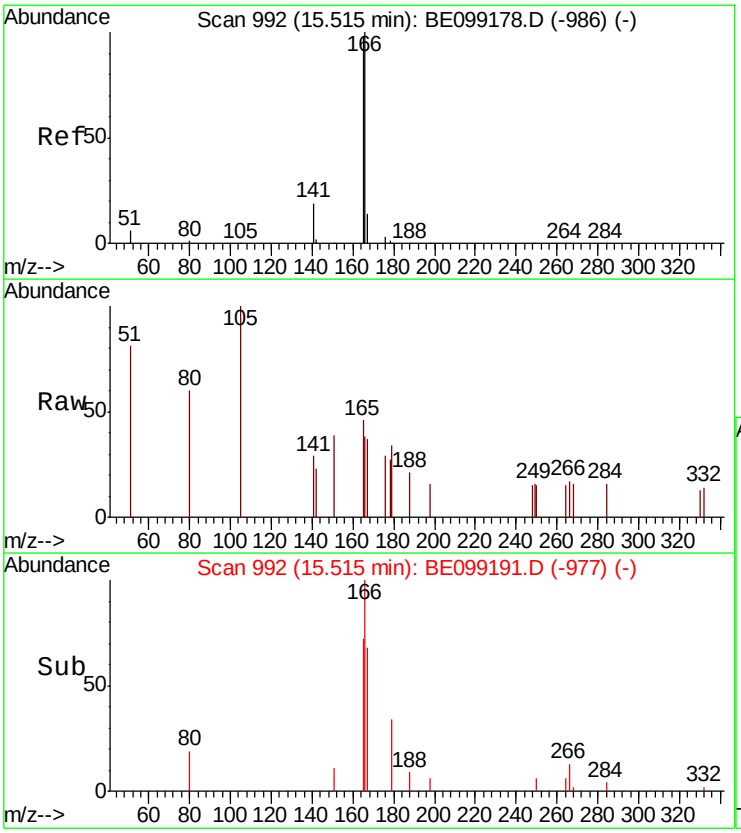
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:154 Resp: 56

Ion	Ratio	Lower	Upper
154	100		
153	123.2	93.4	140.0
152	105.4	46.6	69.8#

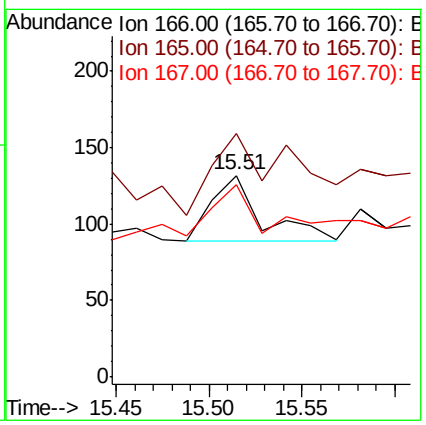


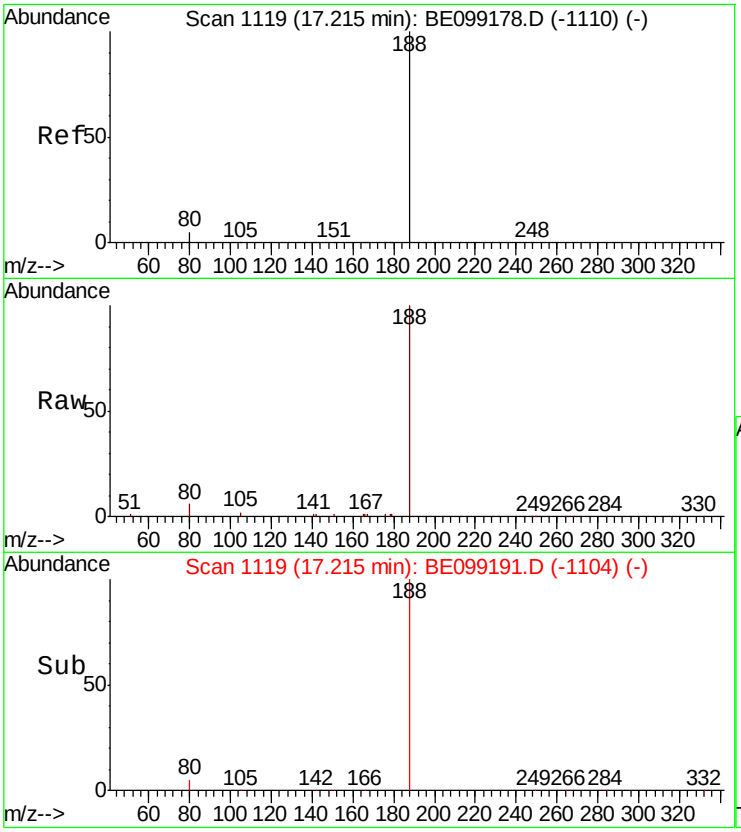


#18
Fluorene
Concen: 0.002 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:166 Resp: 81

Ion	Ratio	Lower	Upper
166	100		
165	198.8	78.9	118.3#
167	107.4	10.9	16.3#



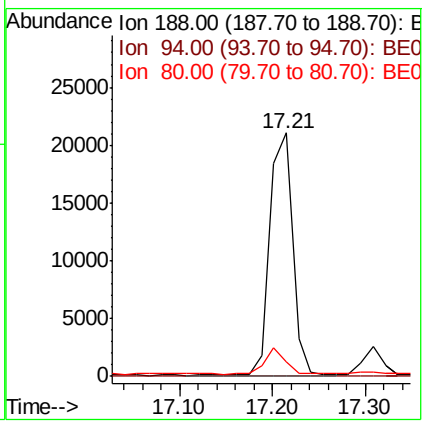


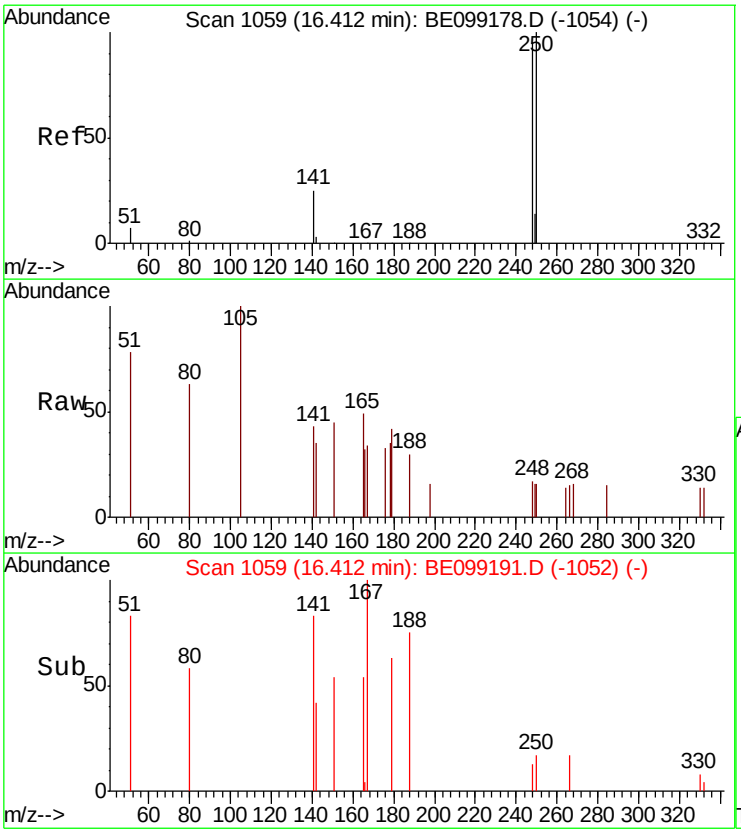
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:188 Resp: 35914

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

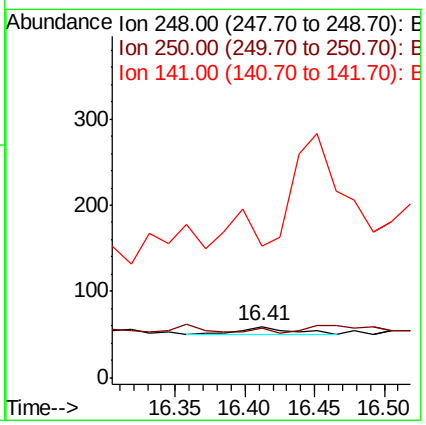


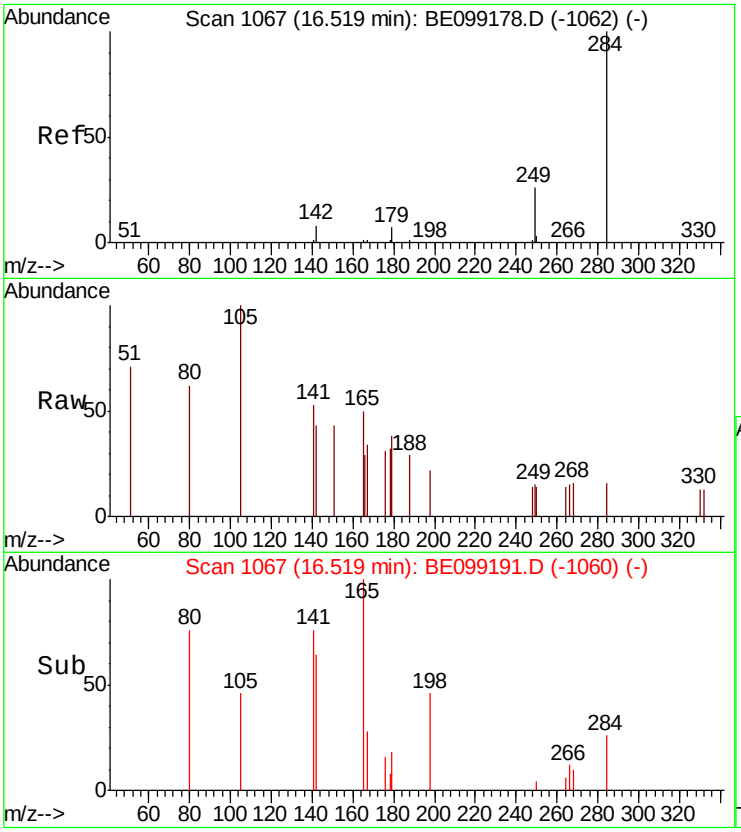


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:248 Resp: 22

Ion	Ratio	Lower	Upper
248	100		
250	98.3	84.2	126.2
141	257.6	21.8	32.6#



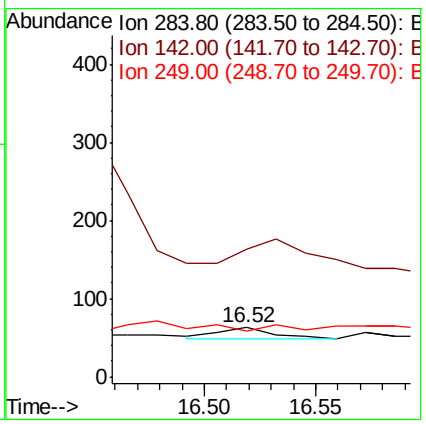


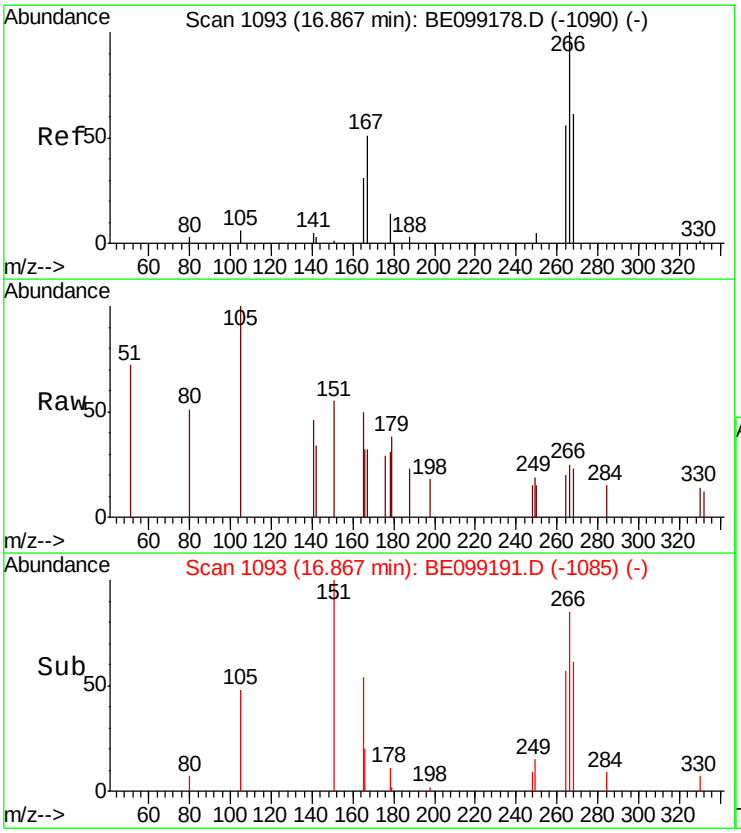
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:284 Resp: 23

Ion	Ratio	Lower	Upper
284	100		
142	239.1	22.7	34.1#
249	0.0	26.9	40.3#

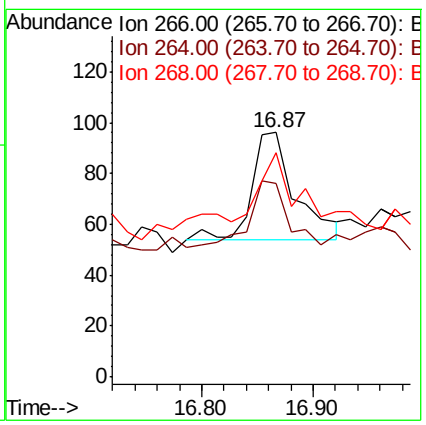


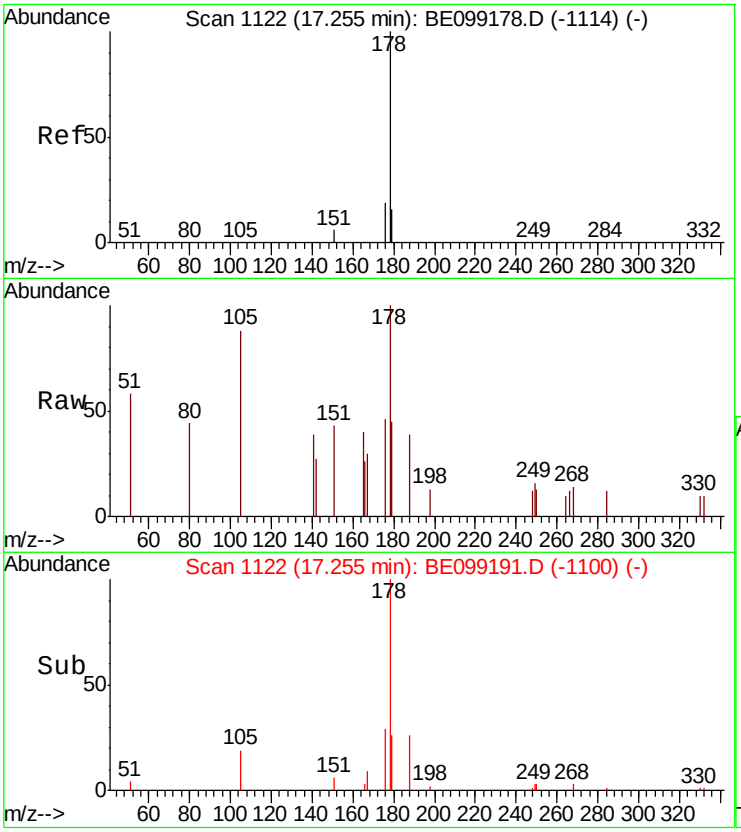


#22
Pentachlorophenol
Concen: 0.274 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:266 Resp: 115

Ion	Ratio	Lower	Upper
266	100		
264	79.2	54.4	81.6
268	91.7	61.3	91.9



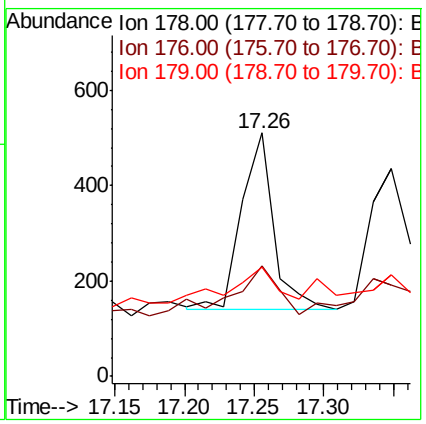


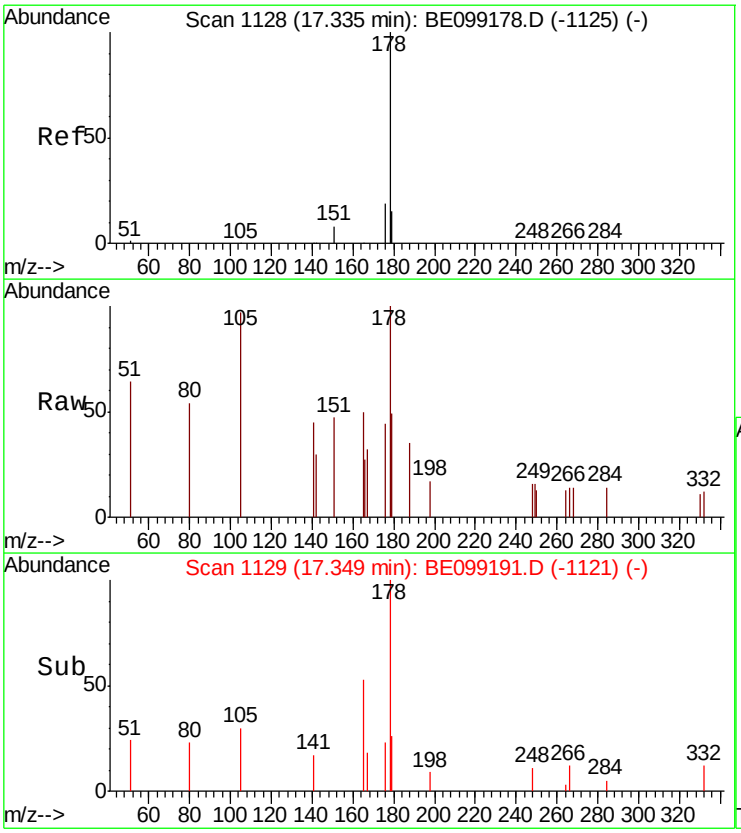
#23
Phenanthrene
Concen: 0.006 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:178 Resp: 584

Ion	Ratio	Lower	Upper
178	100		
176	43.0	15.4	23.2#
179	48.6	12.3	18.5#

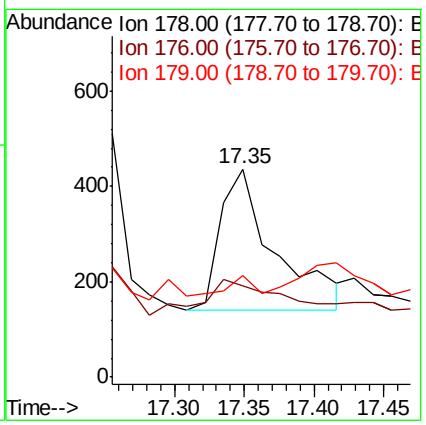


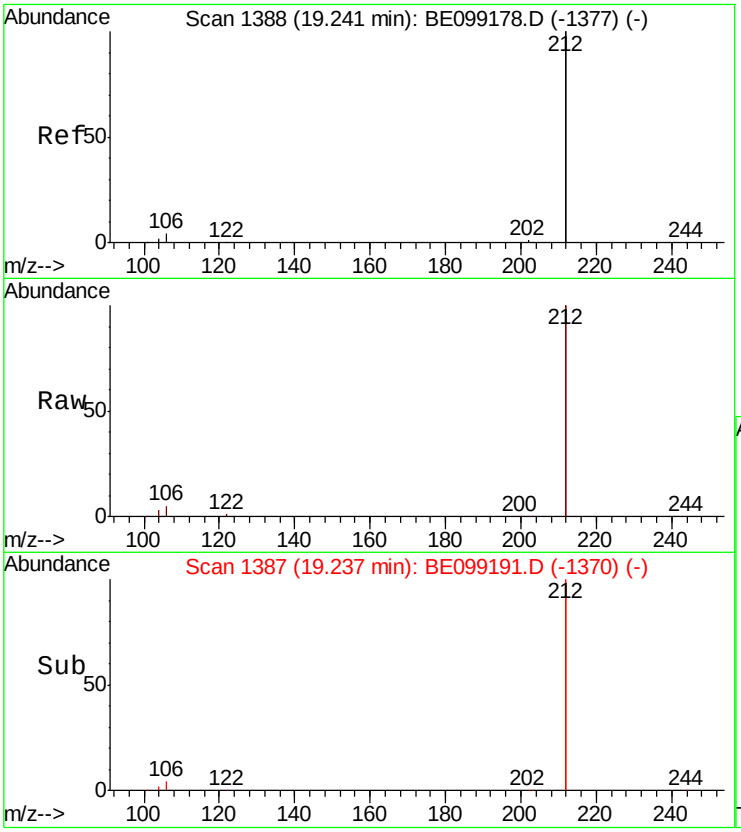


#24
Anthracene
Concen: 0.008 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:178 Resp: 799

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	4.4	12.4	18.6#



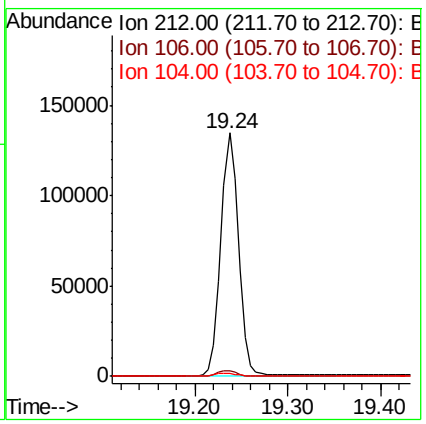


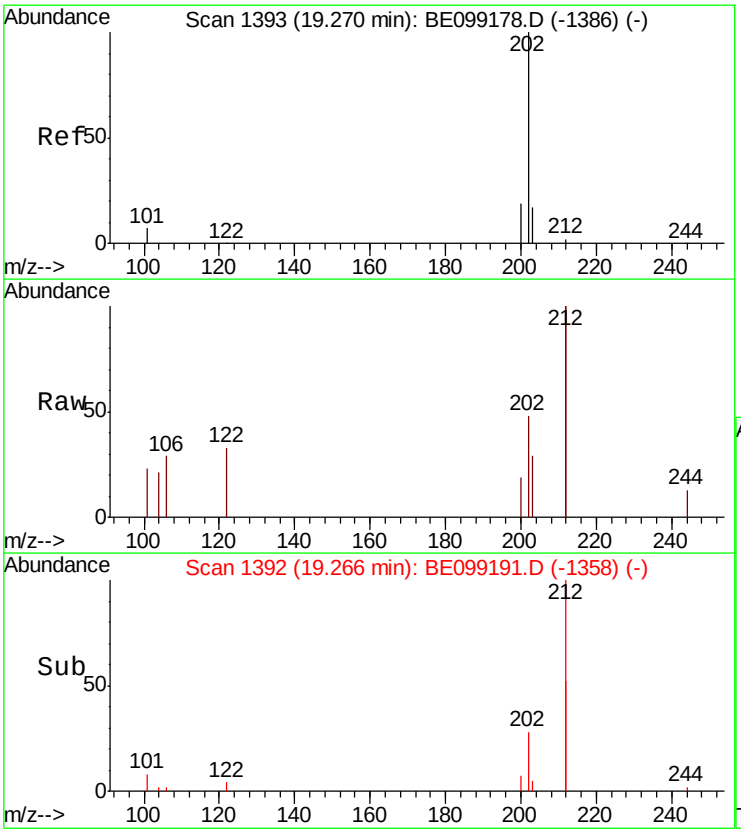
#25
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:212 Resp: 176792

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

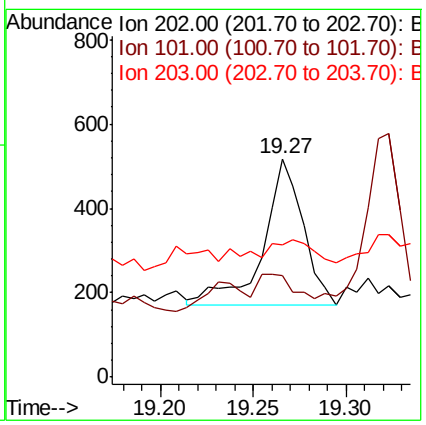


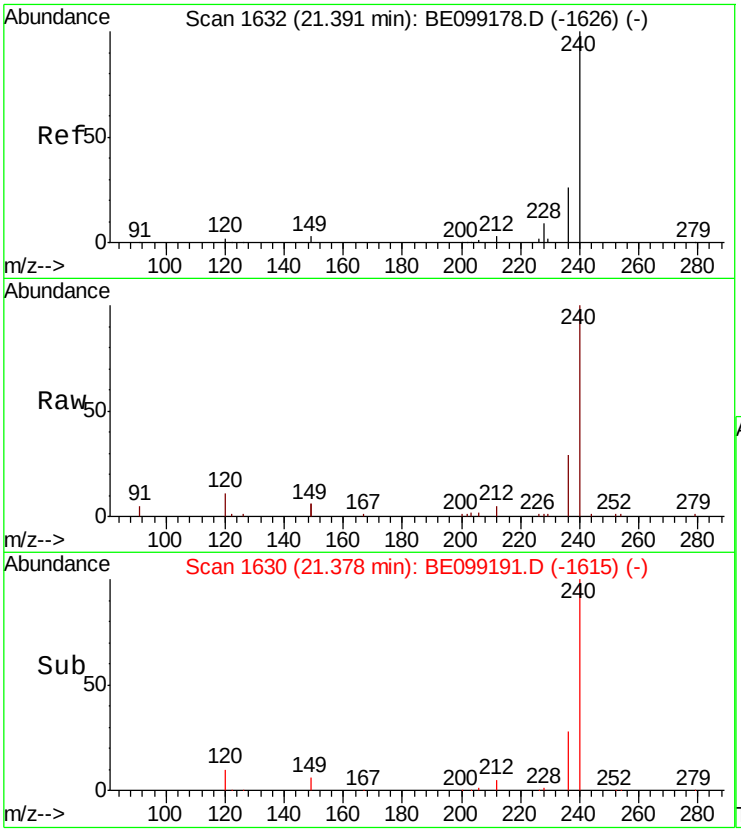


#26
Fluoranthene
Concen: 0.004 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:202 Resp: 526

Ion	Ratio	Lower	Upper
202	100		
101	13.7	7.0	10.4#
203	14.3	13.8	20.6



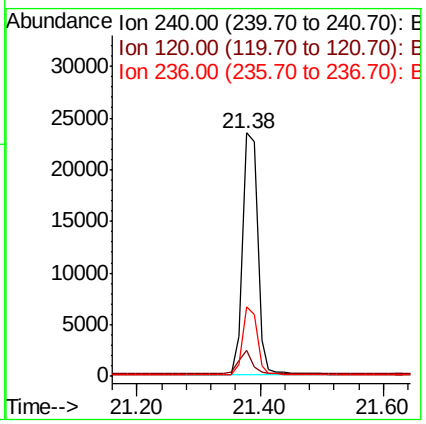


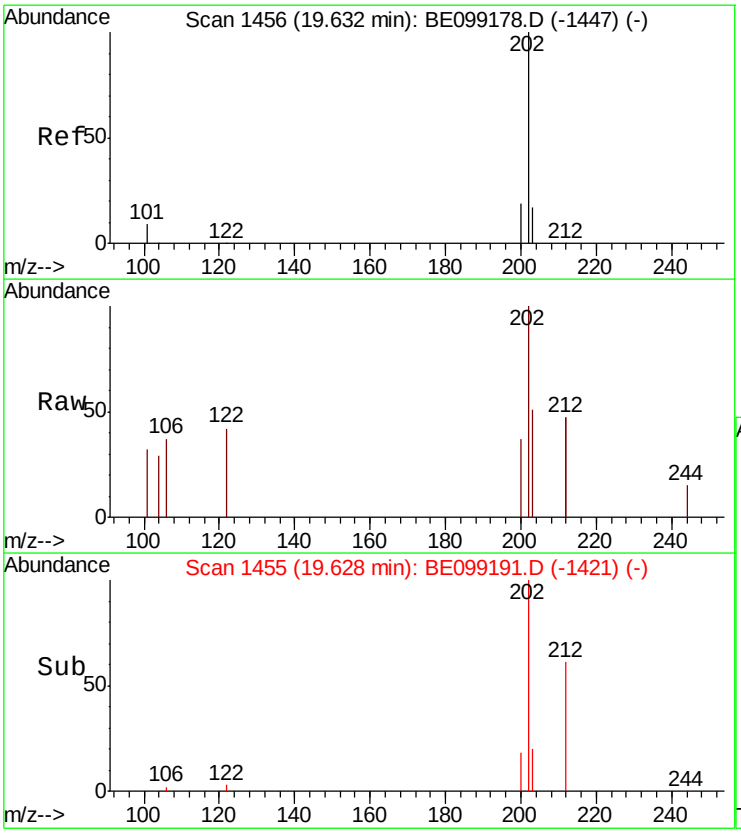
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:240 Resp: 40019

Ion	Ratio	Lower	Upper
240	100		
120	10.9	2.6	3.8#
236	28.5	20.9	31.3

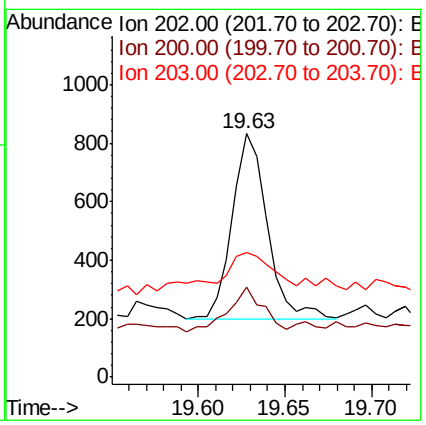


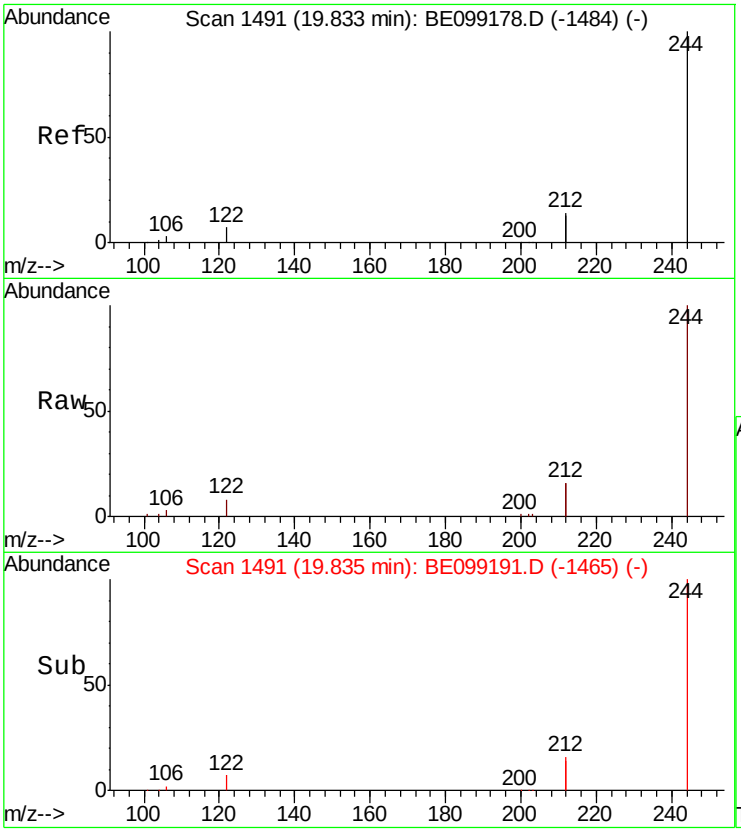


#28
Pyrene
Concen: 0.007 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:202 Resp: 905

Ion	Ratio	Lower	Upper
202	100		
200	24.1	15.8	23.8#
203	39.4	14.1	21.1#



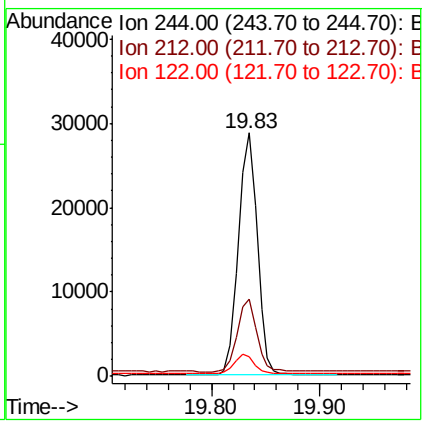


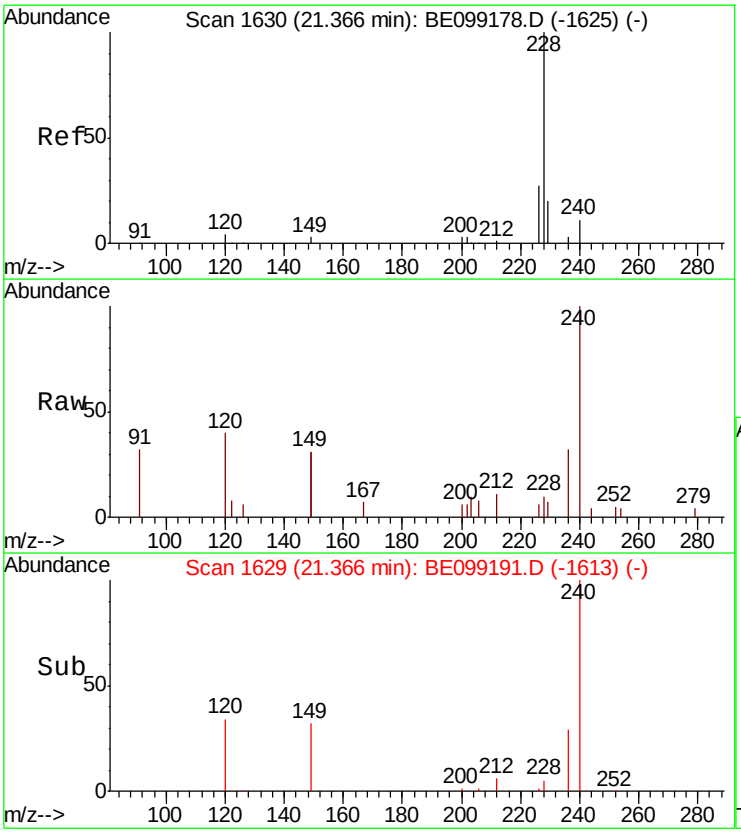
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:244 Resp: 34662

Ion	Ratio	Lower	Upper
244	100		
212	31.9	22.7	34.1
122	8.0	5.8	8.6

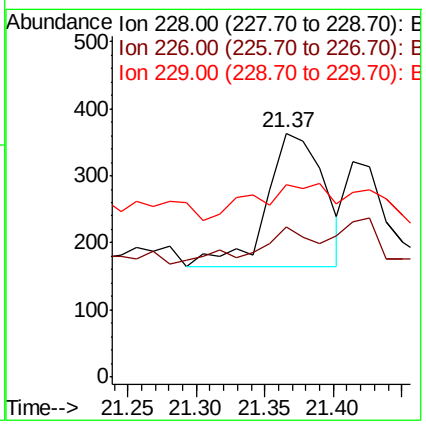


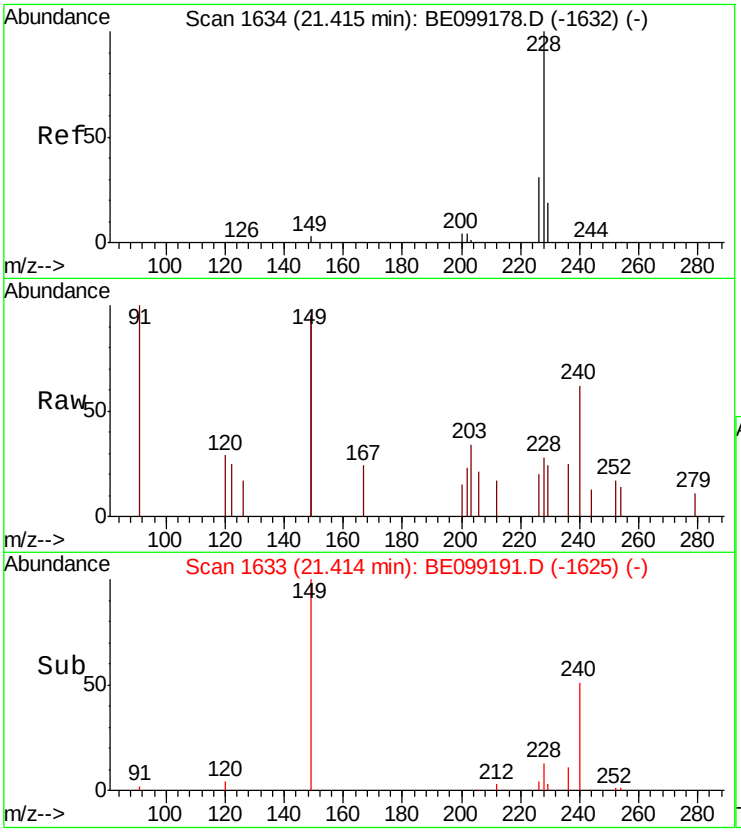


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:228 Resp: 577

Ion	Ratio	Lower	Upper
228	100		
226	61.4	21.7	32.5#
229	78.8	15.9	23.9#



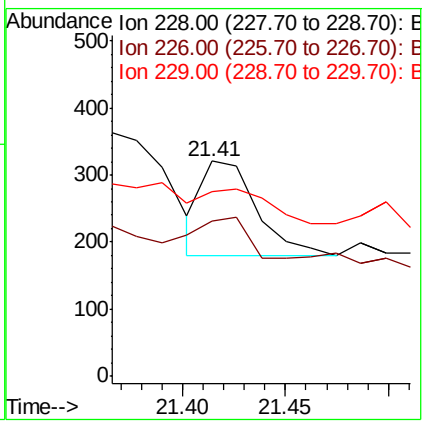


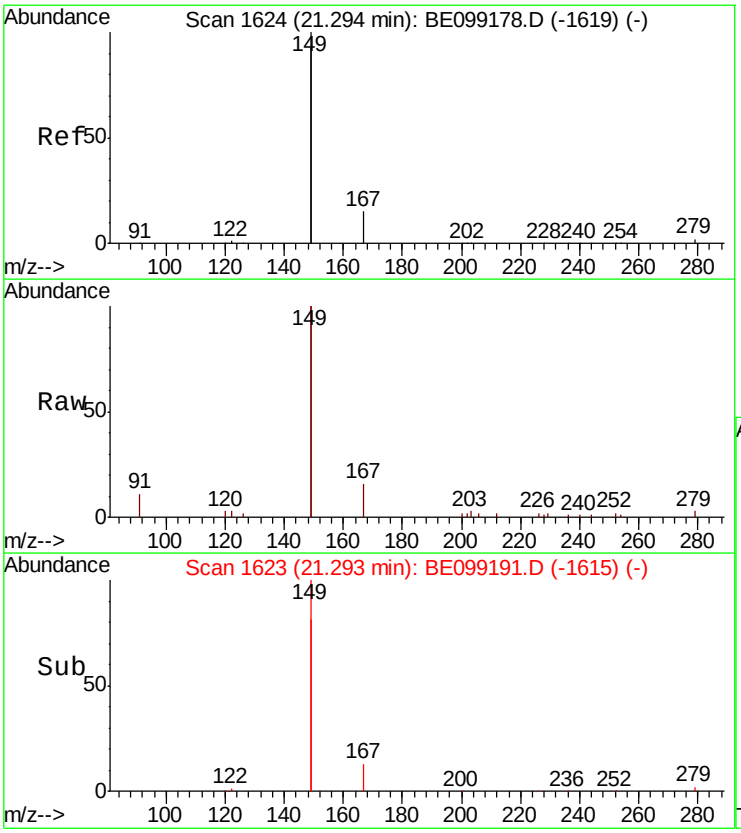
#31
Chrysene
Concen: 0.002 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:228 Resp: 265

Ion	Ratio	Lower	Upper
228	100		
226	72.0	24.8	37.2#
229	86.0	15.4	23.0#

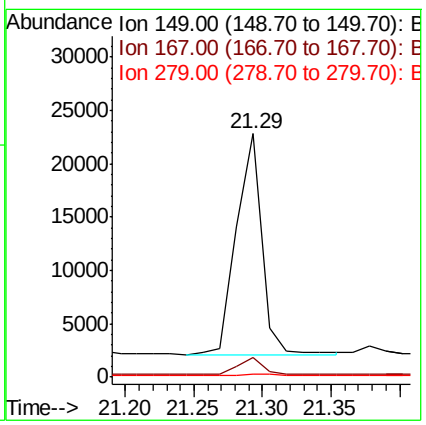


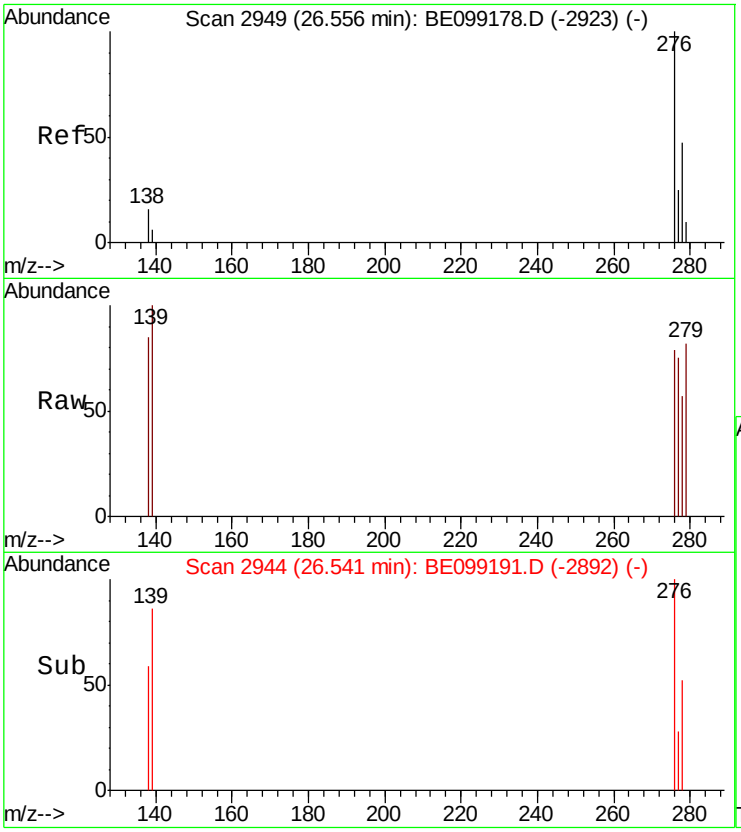


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:149 Resp: 26813

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.9	8.9
279	1.1	1.0	1.6



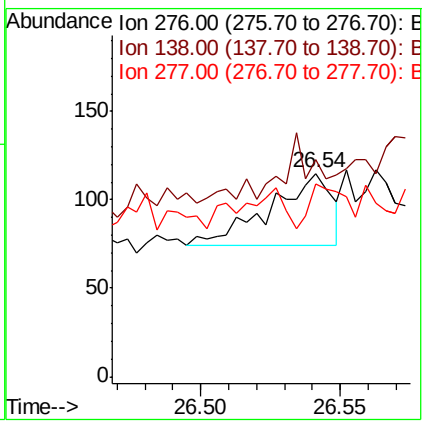


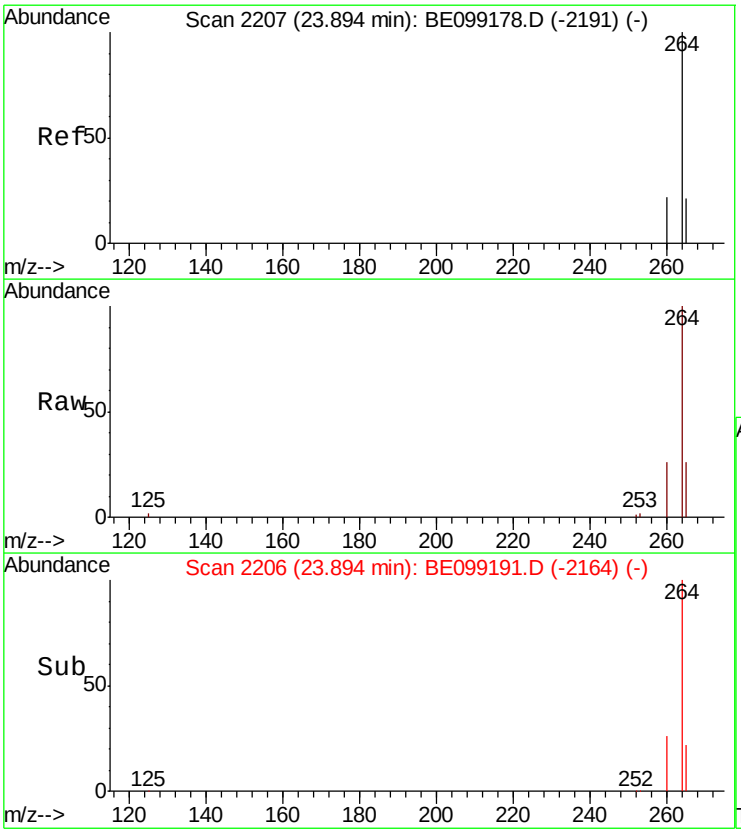
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:276 Resp: 63

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.9	19.3#
277	33.3	18.3	27.5#

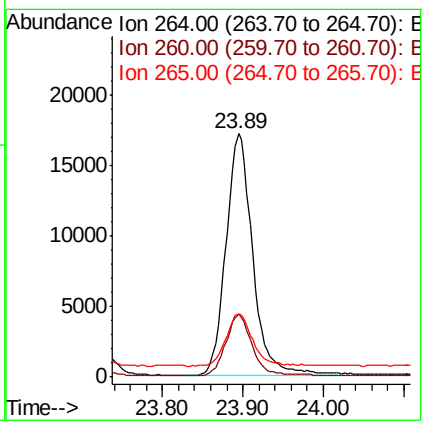


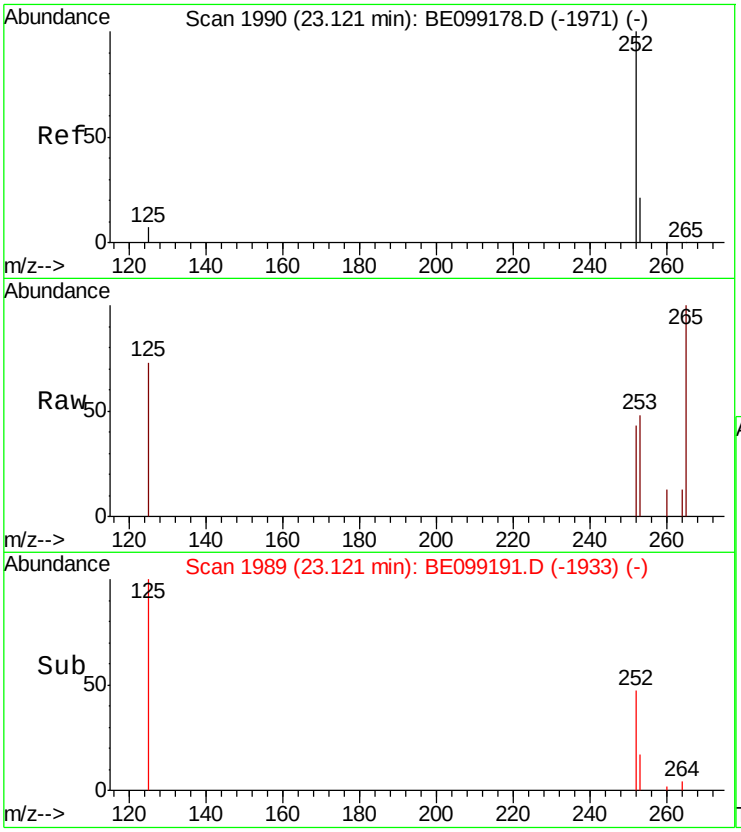


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:264 Resp: 39563

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.2	27.2
265	26.1	21.8	32.8



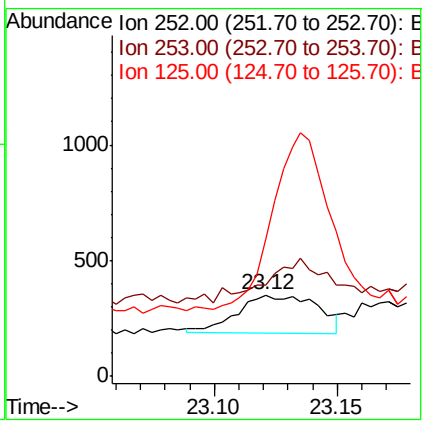


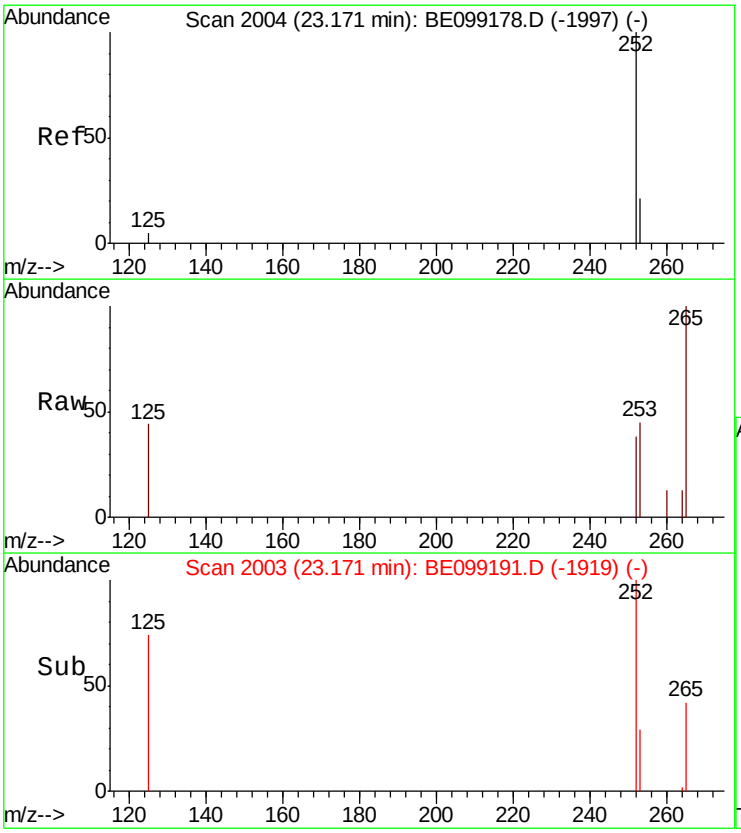
#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:252 Resp: 370

Ion	Ratio	Lower	Upper
252	100		
253	112.0	17.8	26.8#
125	169.7	6.1	9.1#

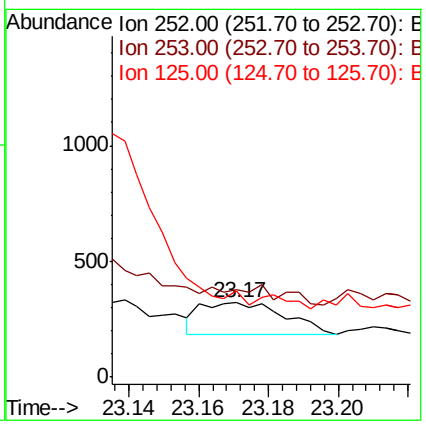


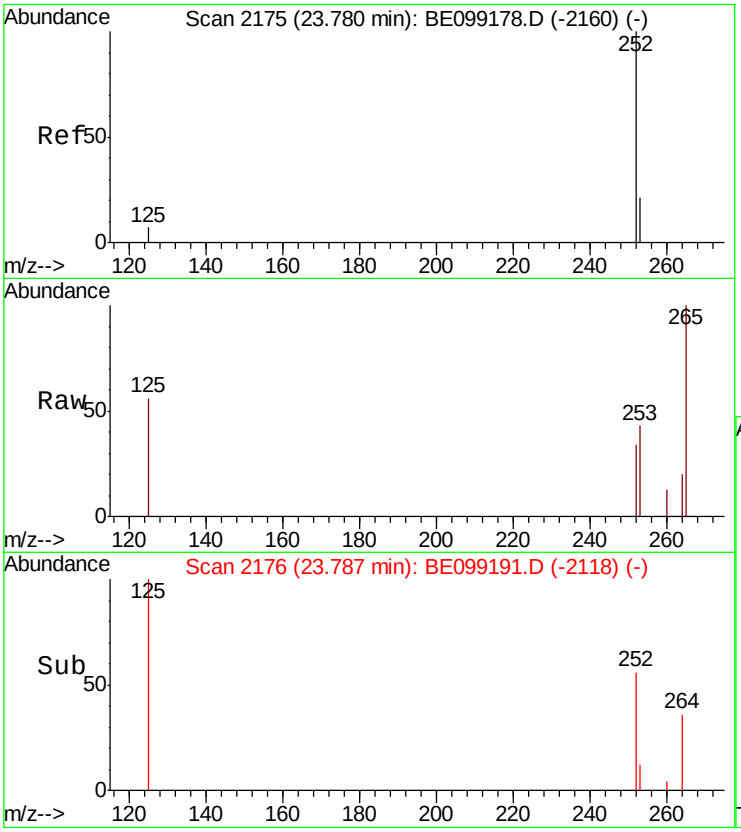


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:252 Resp: 233

Ion	Ratio	Lower	Upper
252	100		
253	117.1	17.8	26.6#
125	115.3	5.9	8.9#



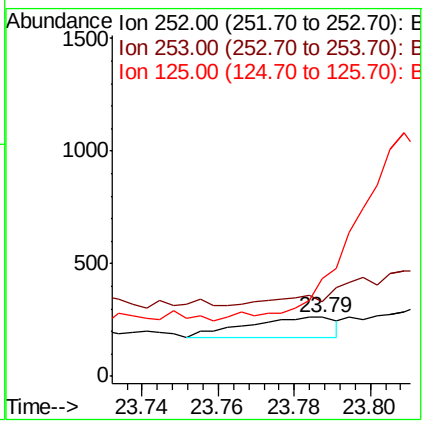


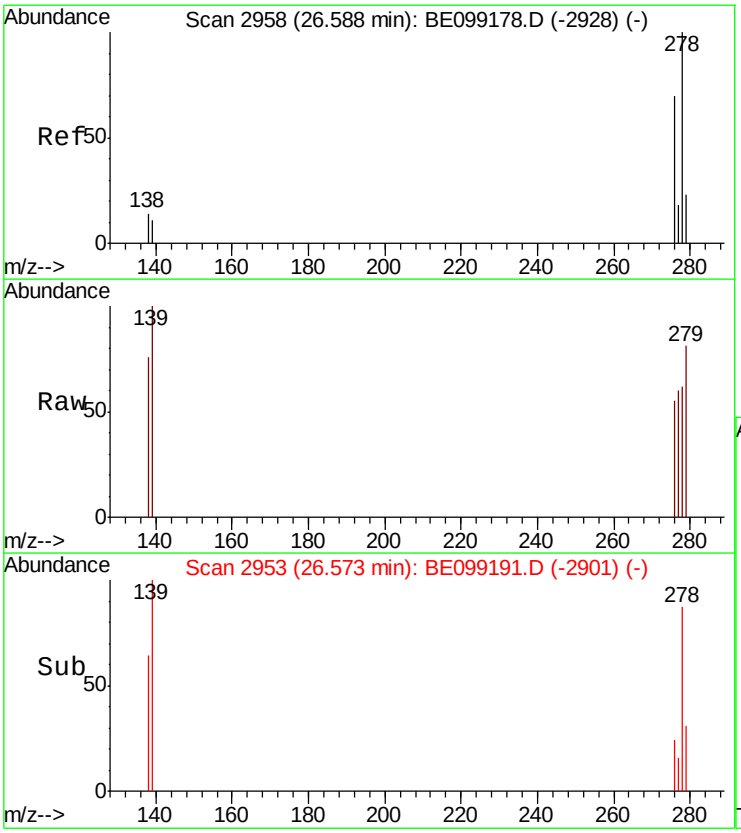
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.79 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:252 Resp: 148

Ion	Ratio	Lower	Upper
252	100		
253	125.1	18.1	27.1#
125	165.0	6.8	10.2#

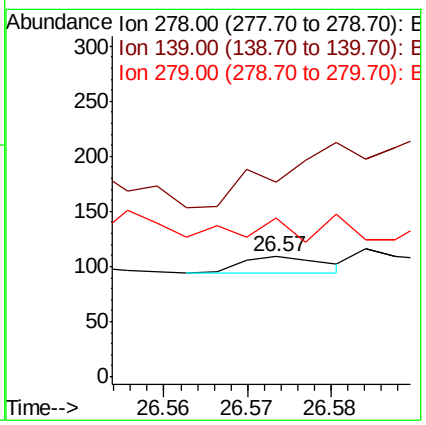


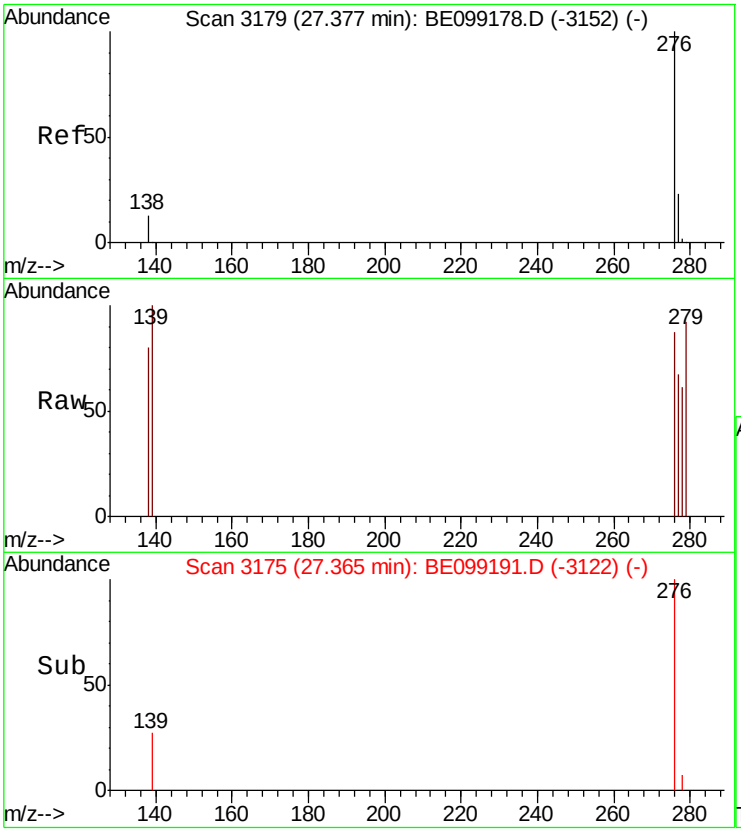


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Tgt Ion:278 Resp: 10

Ion	Ratio	Lower	Upper
278	100		
139	162.4	9.5	14.3#
279	132.1	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.37 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BE099191.D
Acq: 25 Mar 2019 22:07

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190318

Tgt Ion:276 Resp: 16

Ion	Ratio	Lower	Upper
276	100		
277	77.7	19.0	28.4#
138	92.0	11.1	16.7#