Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099192.D
Acq On : 25 Mar 2019 22:46
Operator : JU/SJ
Sample : K2020-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS035-190318

Quant Time: Mar 26 07:09:52 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	3199	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14305	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	11420	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	32476	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36358	0.40	ng	-0.01
34) Perylene-d12	23.89	264	35364	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1634	0.17	ng	0.00
5) Phenol-d6	6.99	99	1369	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4430	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10207	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1530	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	16745	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	147722	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	28690	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	108	0.026	ng	# 30
3) n-Nitrosodimethylamine	3.72	42	45	0.019	ng	# 31
6) bis(2-Chloroethyl)ether	7.29	93	33	0.003	ng	# 50
9) Naphthalene	10.68	128	451	0.003	ng	# 71
10) Hexachlorobutadiene	10.96	225	13	0.001	ng	# 19
12) 2-Methylnaphthalene	12.29	142	62	0.002	ng	# 57
16) Acenaphthylene	14.20	152	55	0.001	ng	# 77
17) Acenaphthene	14.54	154	19	0.001	ng	# 10
18) Fluorene	15.51	166	67	0.001	ng	# 75
20) 4-Bromophenyl-phenylether	16.41	248	17	0.001	ng	# 57
21) Hexachlorobenzene	16.49	284	5	0.000	ng	# 1
22) Pentachlorophenol	16.85	266	22	0.246	ng	# 84
23) Phenanthrene	17.25	178	194	0.002	ng	# 70
24) Anthracene	17.35	178	67	0.001	ng	# 69
26) Fluoranthene	19.27	202	154	0.001	ng	# 73
28) Pyrene	19.63	202	183	0.002	ng	# 88
30) Benzo(a)anthracene	21.37	228	304	0.003	ng	# 40
31) Chrysene	21.41	228	224	0.002	ng	# 49
32) Bis(2-ethylhexyl)phthalate	21.29	149	4447	0.031	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	51	0.000	ng	# 73
35) Benzo(b)fluoranthene	23.13	252	275	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	234	0.002	ng	# 1
37) Benzo(a)pyrene	23.79	252	80	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.58	278	18	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	12	0.000	ng	# 1

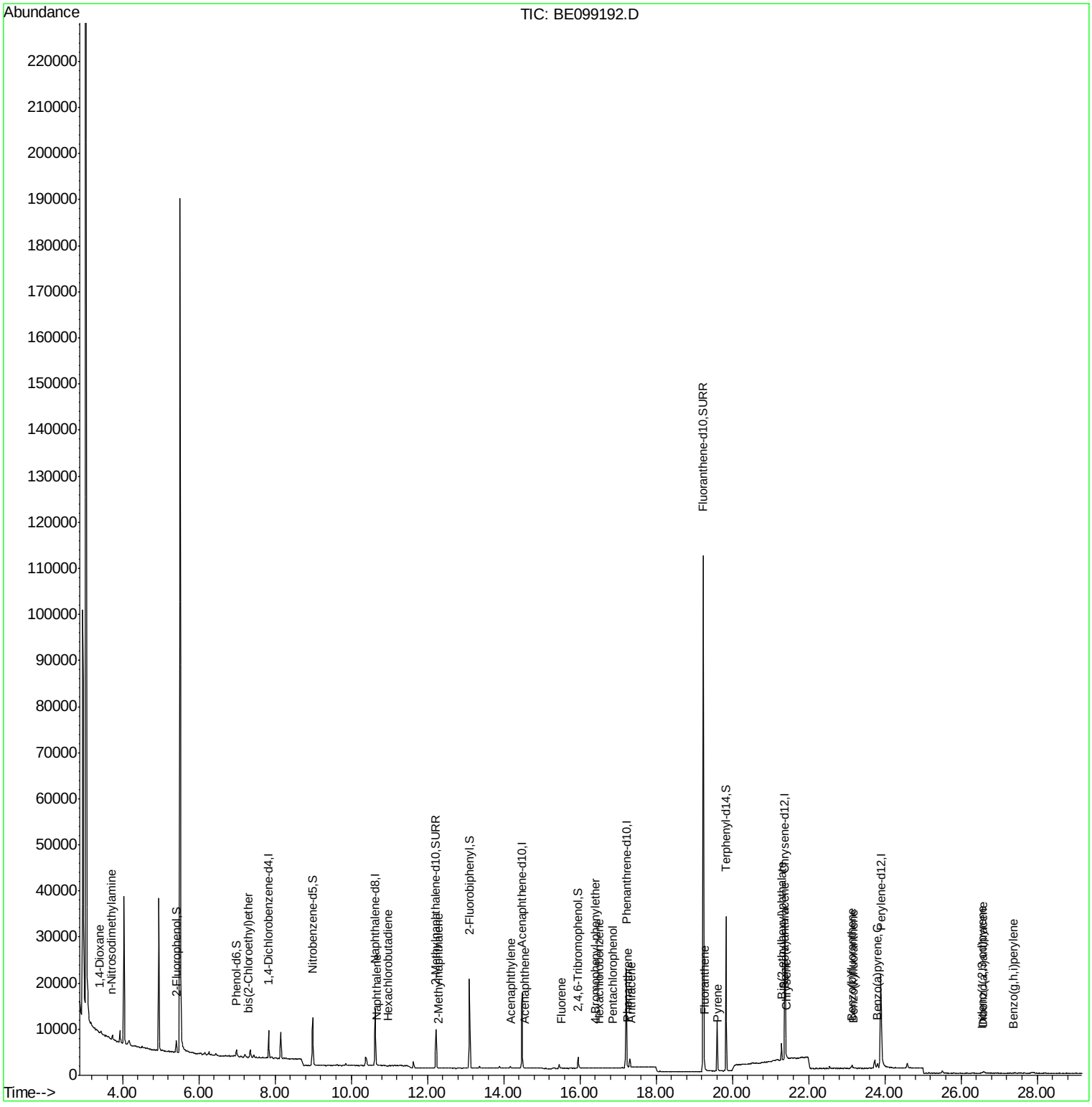
(#) = qualifier out of range (m) = manual integration (+) = signals summed

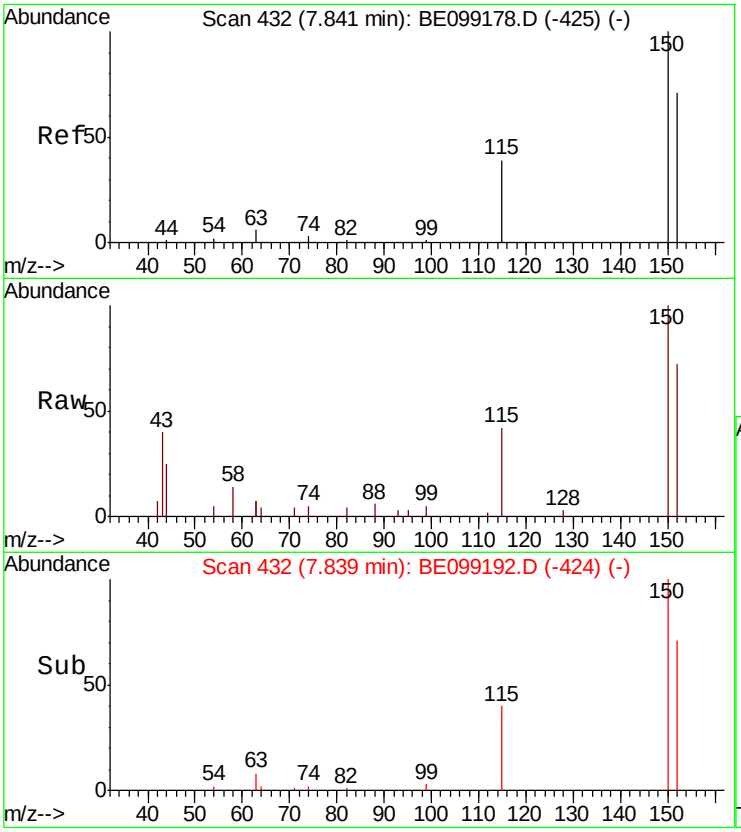
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099192.D
Acq On : 25 Mar 2019 22:46
Operator : JU/SJ
Sample : K2020-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Quant Time: Mar 26 07:09:52 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



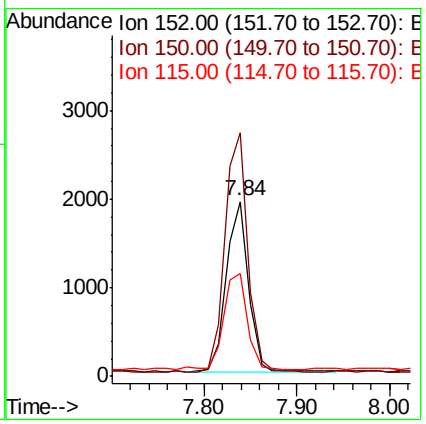


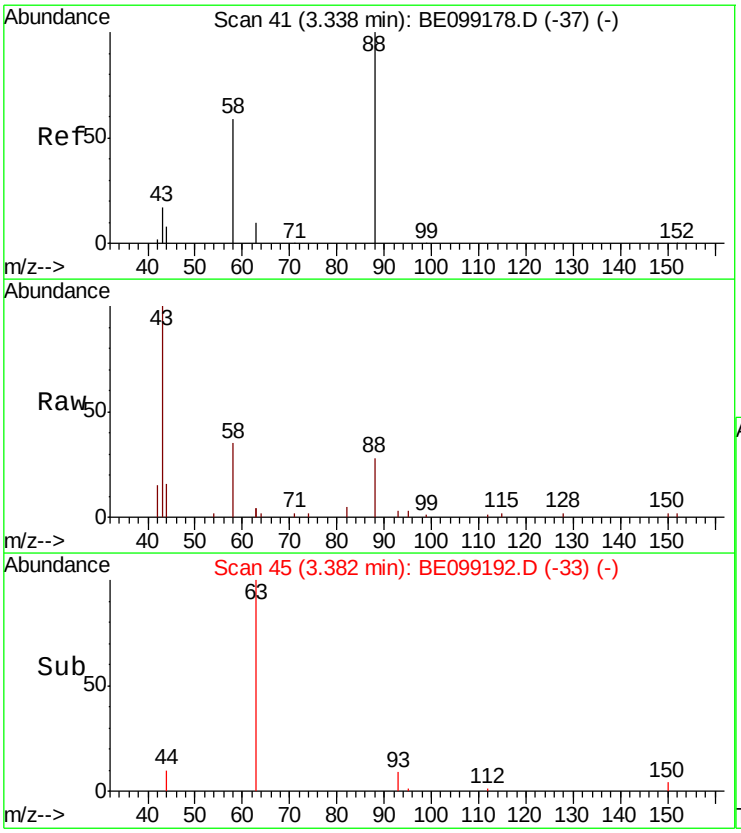
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:152 Resp: 3199

Ion	Ratio	Lower	Upper
152	100		
150	139.2	112.8	169.2
115	58.8	45.1	67.7

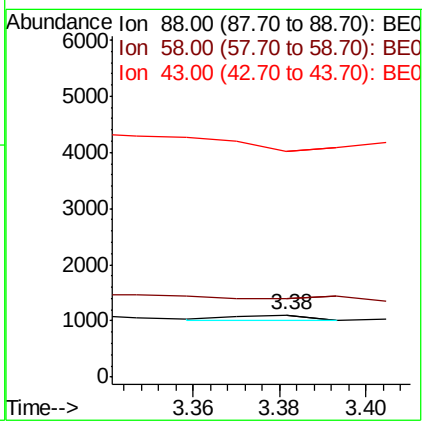


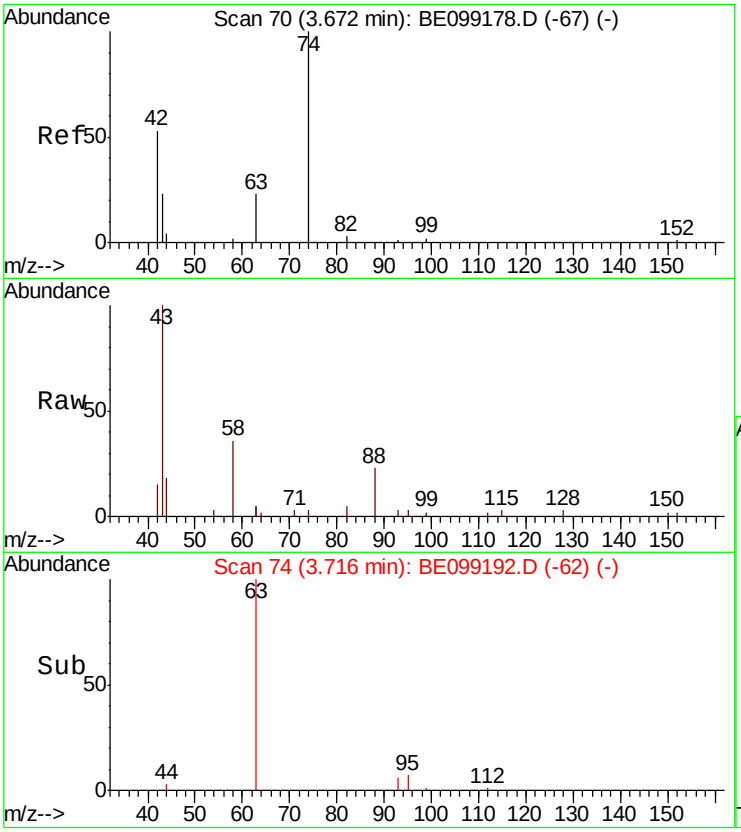


#2
1,4-Dioxane
Concen: 0.026 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.04 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion: 88 Resp: 108

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



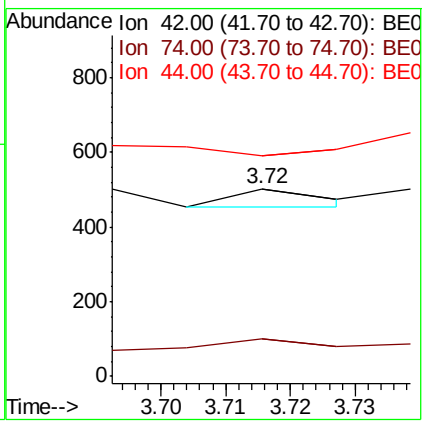


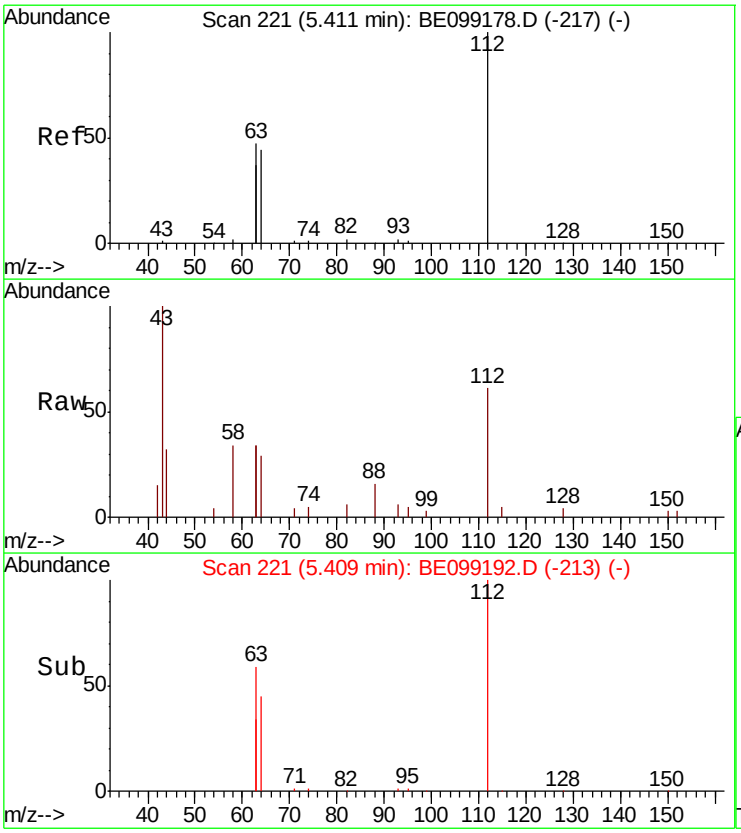
#3
n-Nitrosodimethylamine
Concen: 0.019 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.04 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion: 42 Resp: 45

Ion	Ratio	Lower	Upper
42	100		
74	73.3	138.6	207.8#
44	0.0	15.0	22.6#

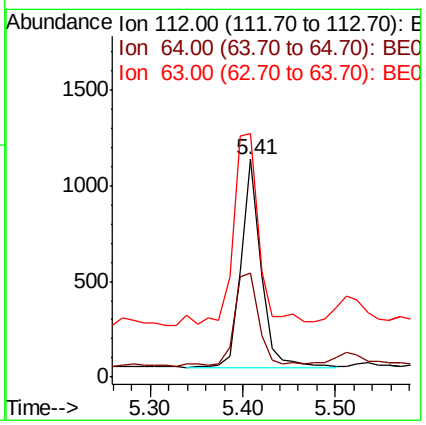


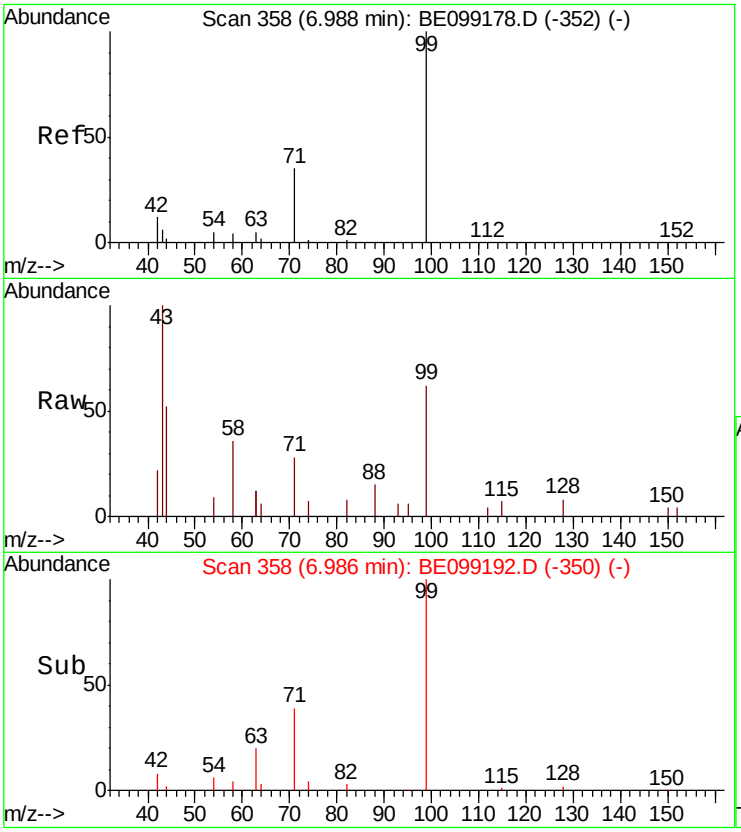


#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:112 Resp: 1634

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.2	69.2
63	115.7	89.9	134.9



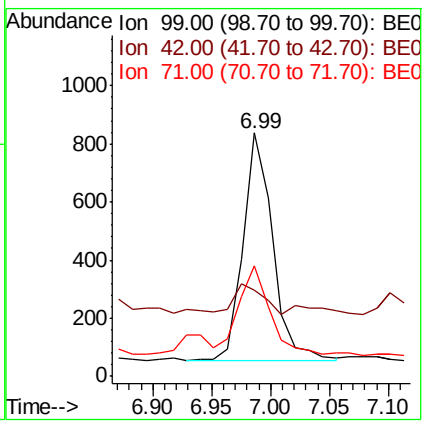


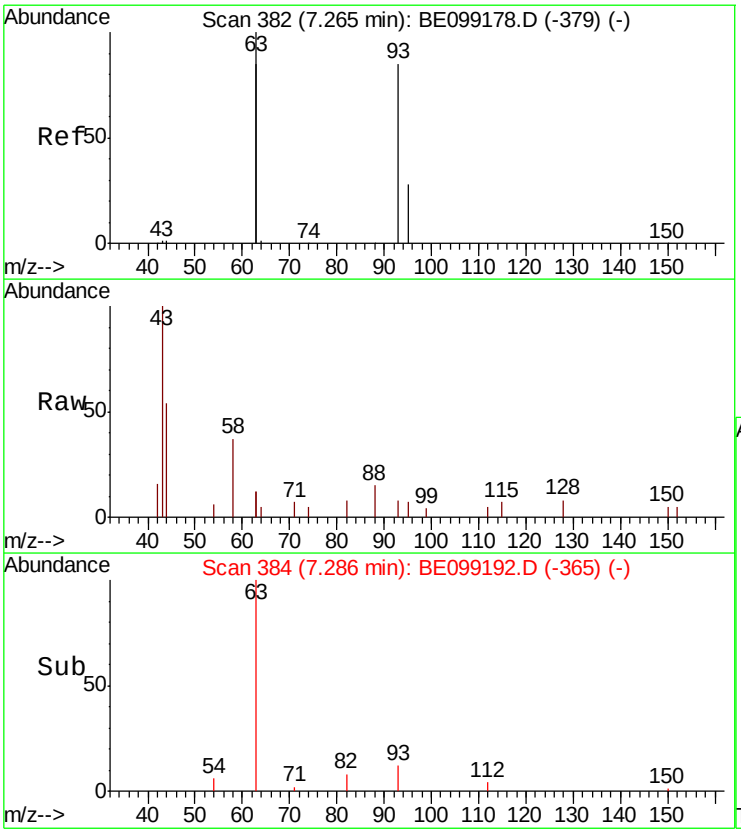
#5
Phenol-d6
Concen: 0.094 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion: 99 Resp: 1369

Ion	Ratio	Lower	Upper
99	100		
42	13.1	12.4	18.6
71	53.0	28.4	42.6#

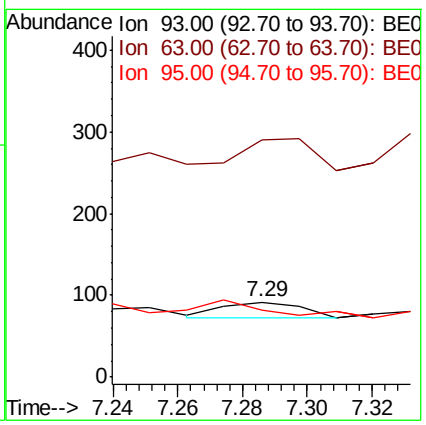


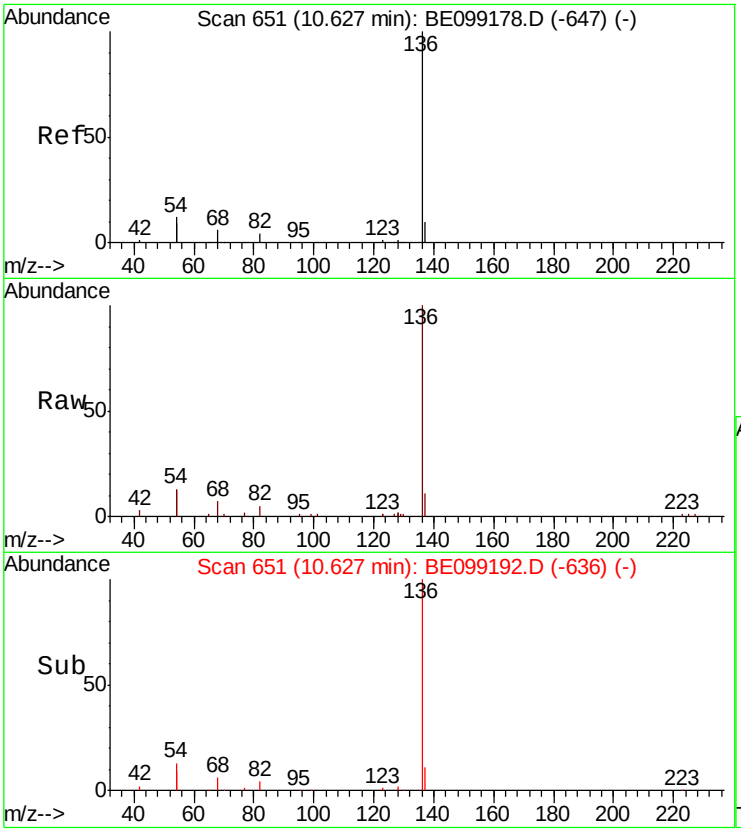


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.02 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion: 93 Resp: 33

Ion	Ratio	Lower	Upper
93	100		
63	184.8	221.4	332.0#
95	0.0	25.8	38.8#



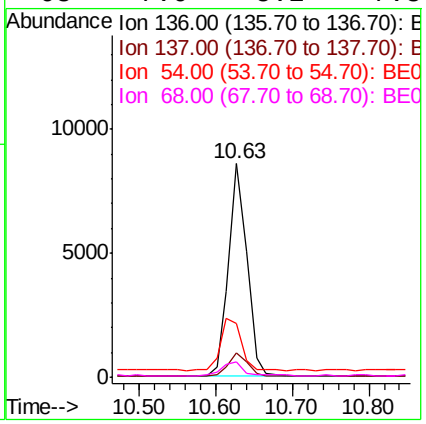


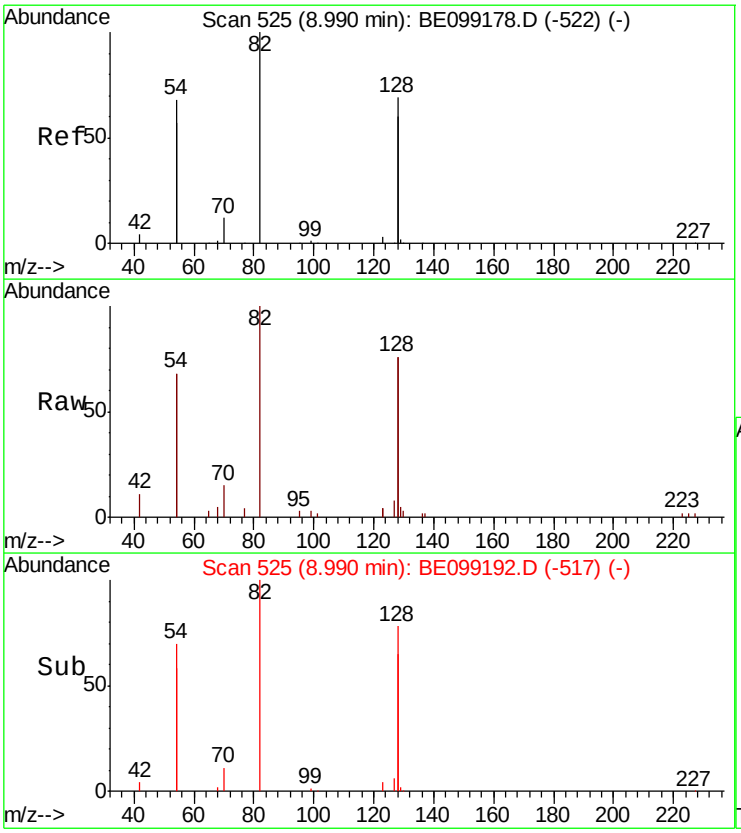
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:136 Resp: 14305

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	25.1	18.7	28.1
68	7.0	5.2	7.8

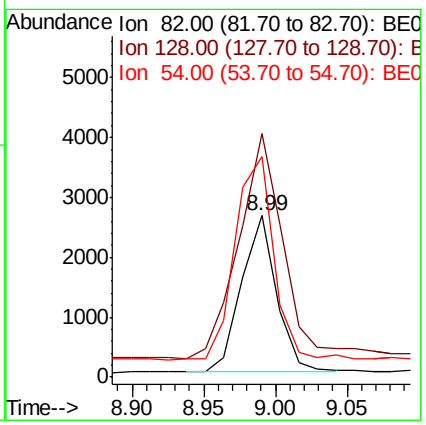


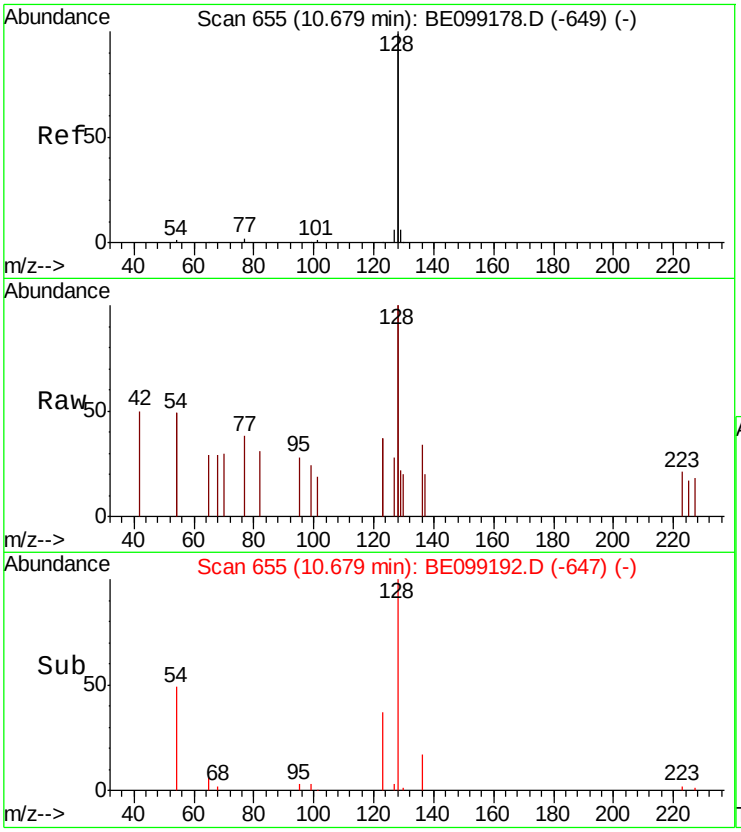


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion: 82 Resp: 4430

Ion	Ratio	Lower	Upper
82	100		
128	151.1	107.5	161.3
54	136.8	106.3	159.5



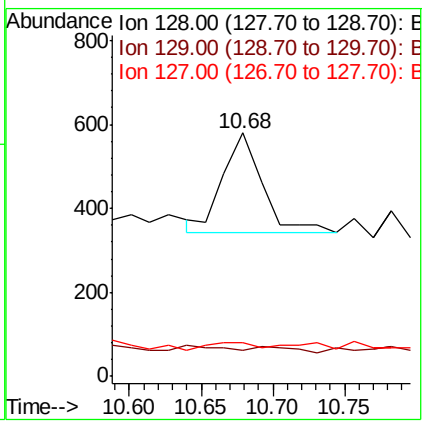


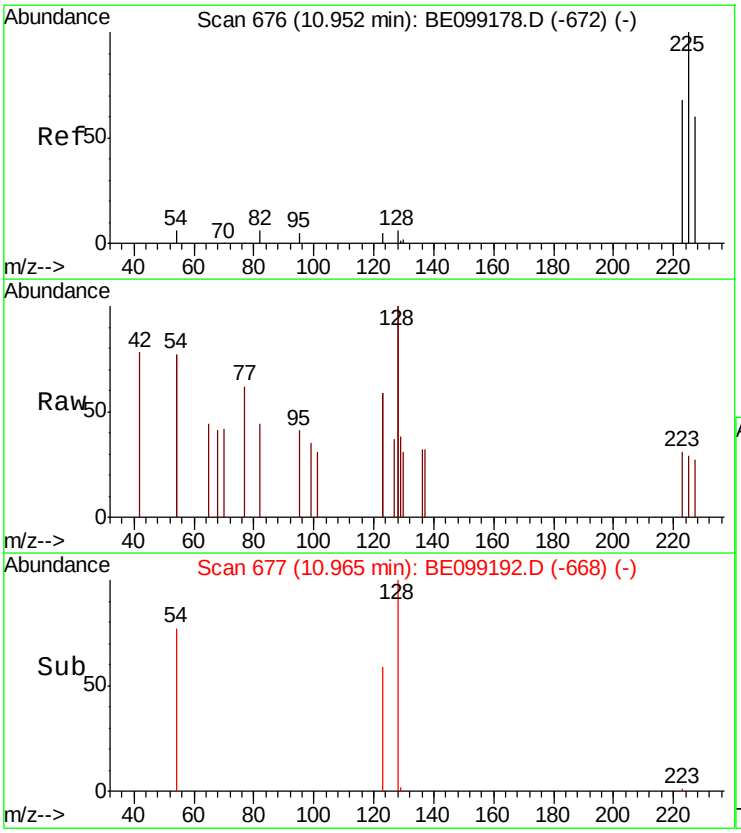
#9
Naphthalene
Concen: 0.003 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:128 Resp: 451

Ion	Ratio	Lower	Upper
128	100		
129	10.9	2.3	3.5#
127	14.1	2.6	3.8#

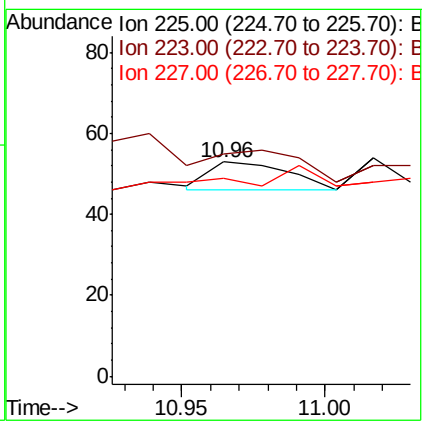


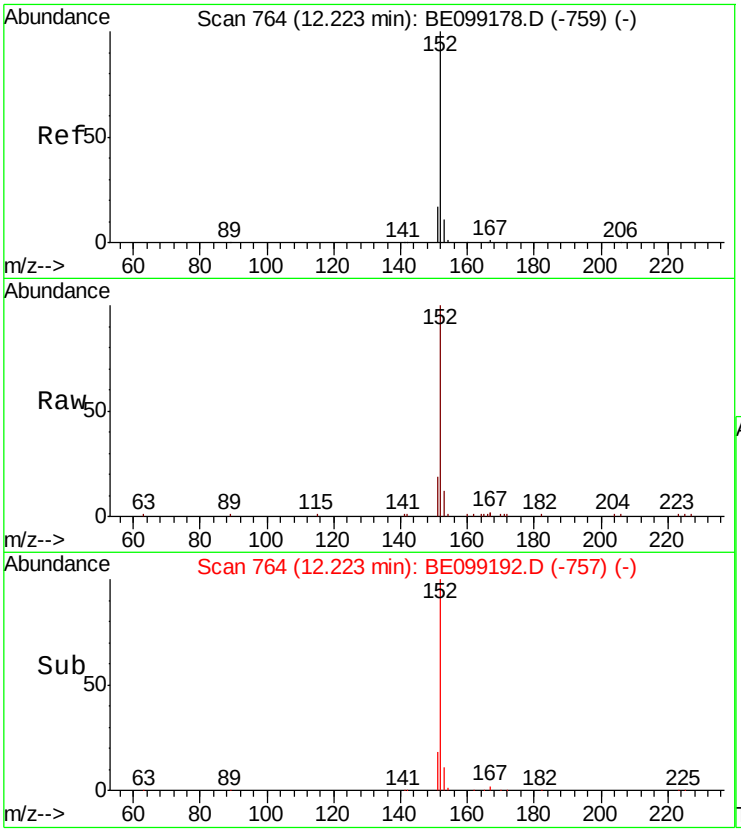


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.96 min Scan# 677
Delta R.T. 0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:225 Resp: 13

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.3	76.9#
227	0.0	48.6	73.0#



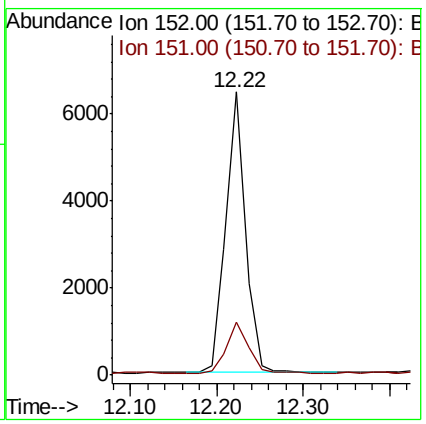


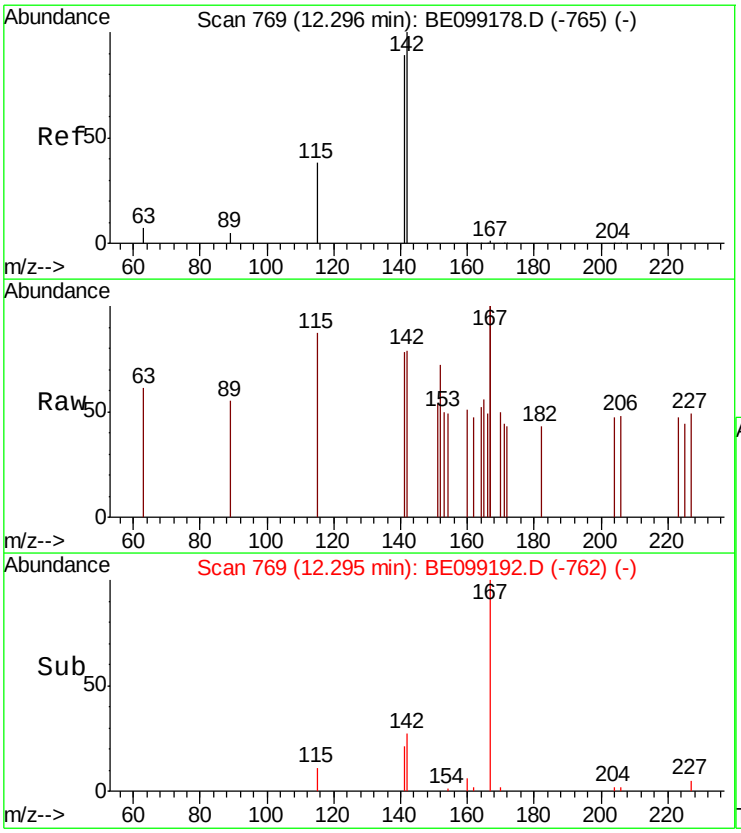
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:152 Resp: 10207

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.6

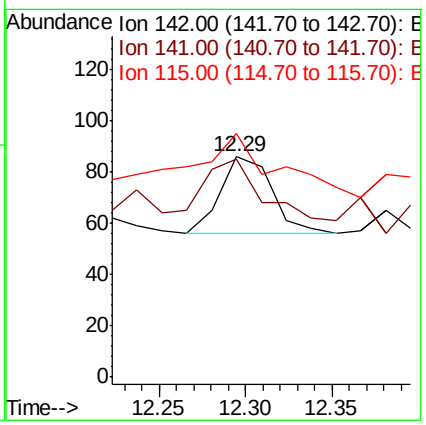


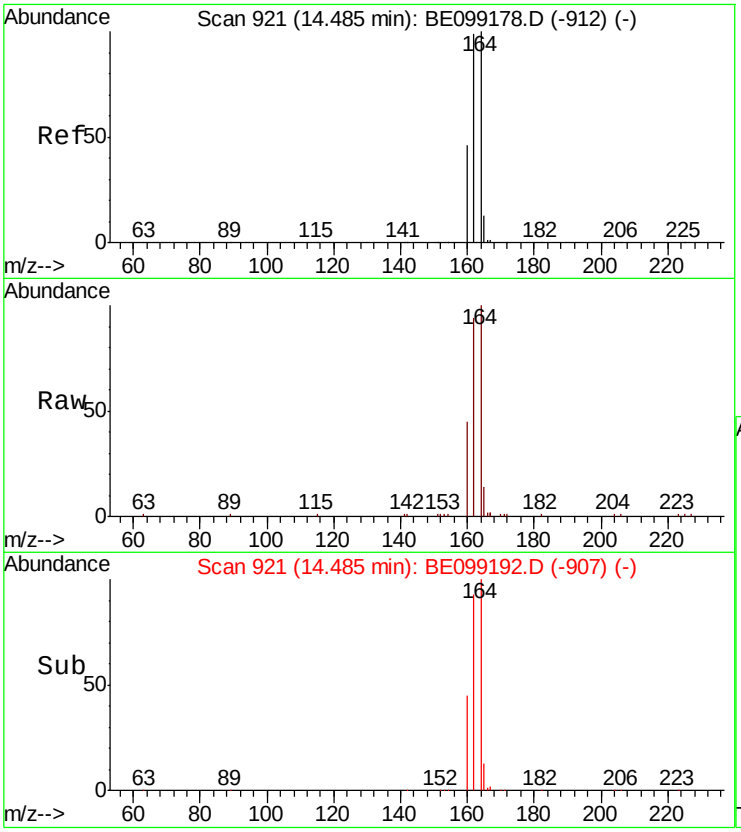


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:142 Resp: 62

Ion	Ratio	Lower	Upper
142	100		
141	98.8	71.3	106.9
115	110.5	30.4	45.6#



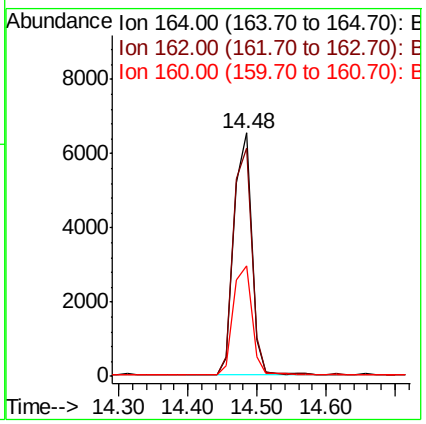


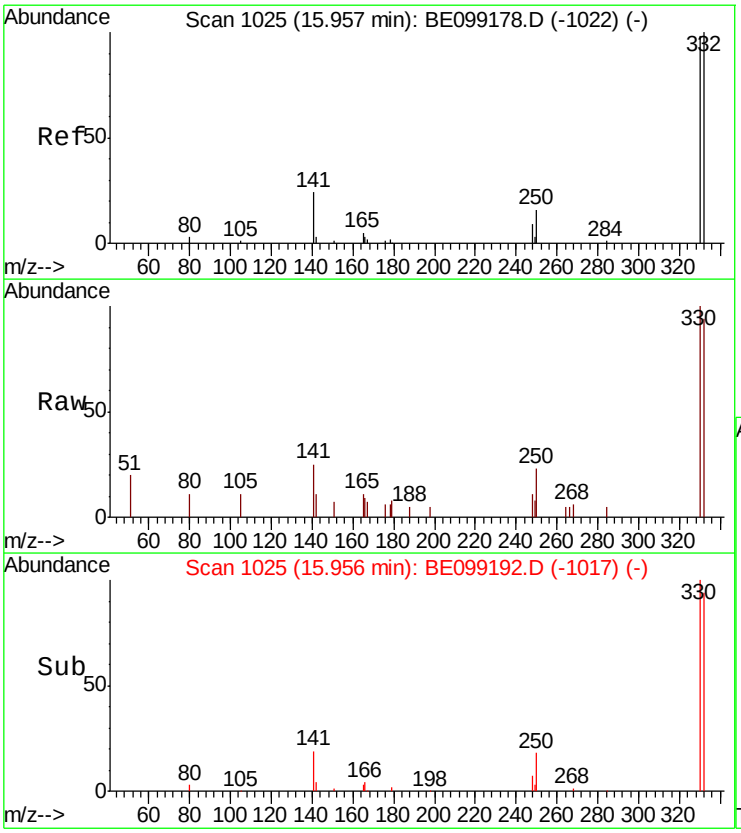
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:164 Resp: 11420

Ion	Ratio	Lower	Upper
164	100		
162	93.5	79.2	118.8
160	45.3	36.7	55.1

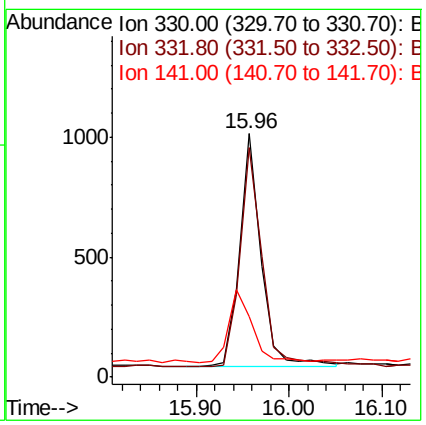


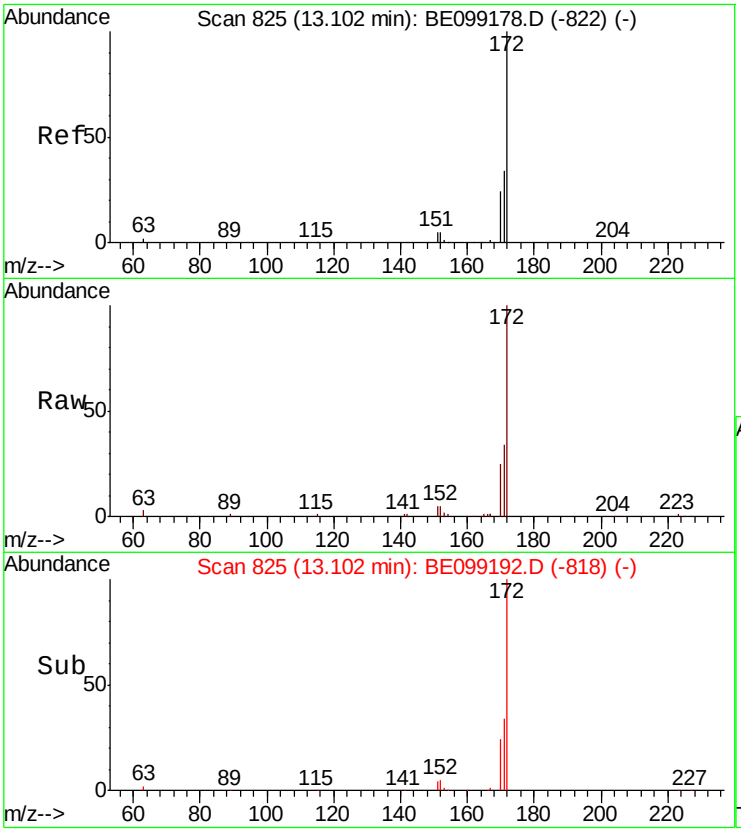


#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:330 Resp: 1530

Ion	Ratio	Lower	Upper
330	100		
332	100.1	71.3	106.9
141	33.6	21.7	32.5#



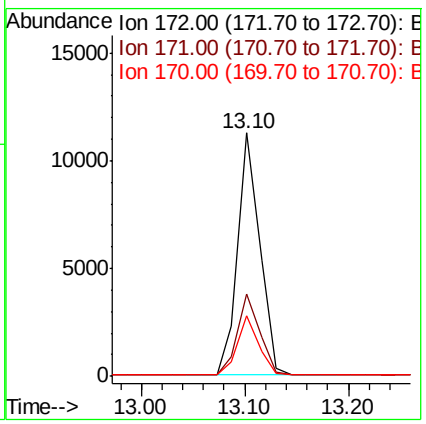


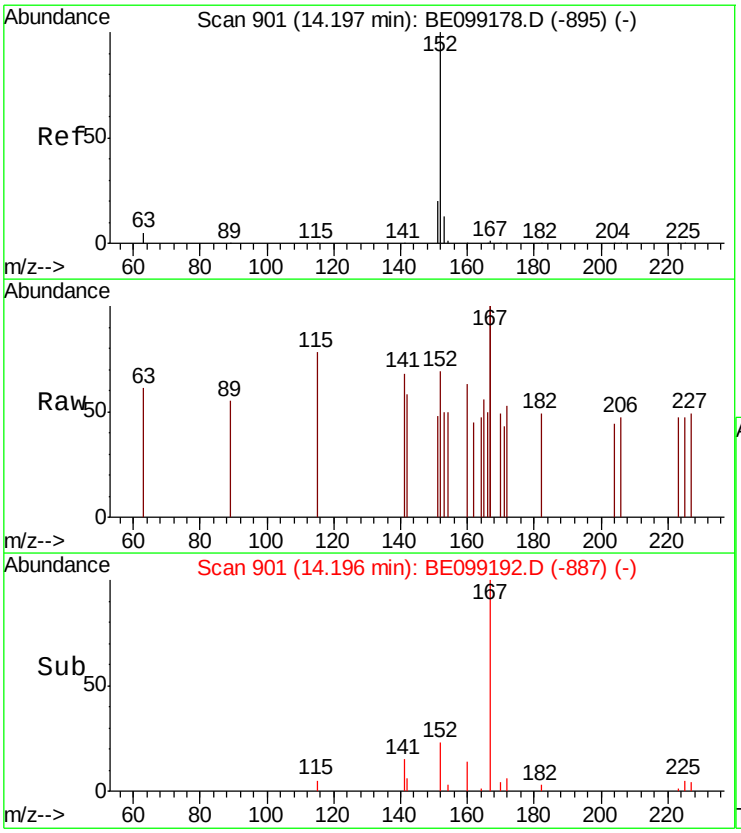
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:172 Resp: 16745

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	24.8	19.1	28.7

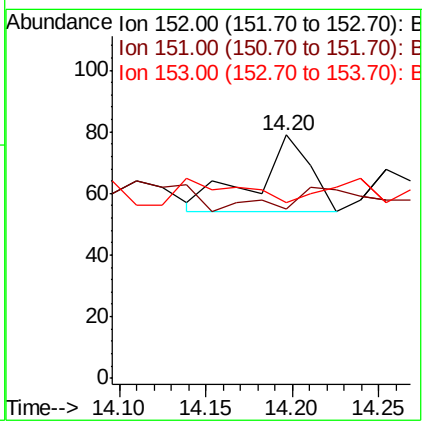


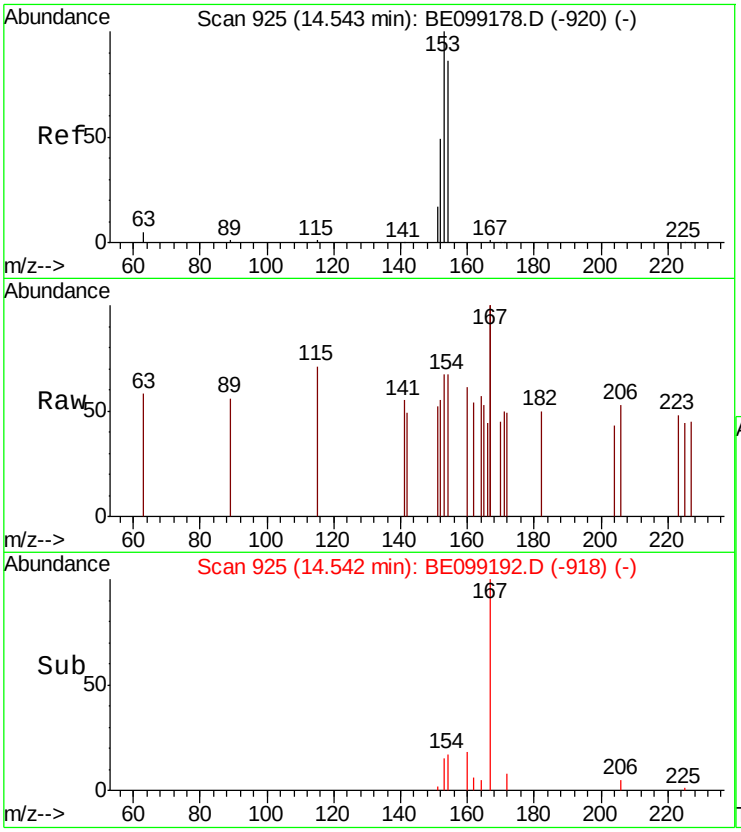


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:152 Resp: 55

Ion	Ratio	Lower	Upper
152	100		
151	27.3	15.7	23.5#
153	0.0	10.6	15.8#



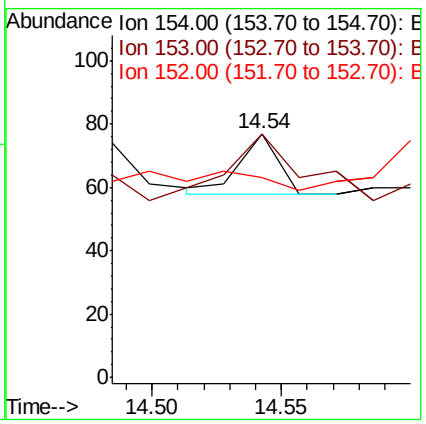


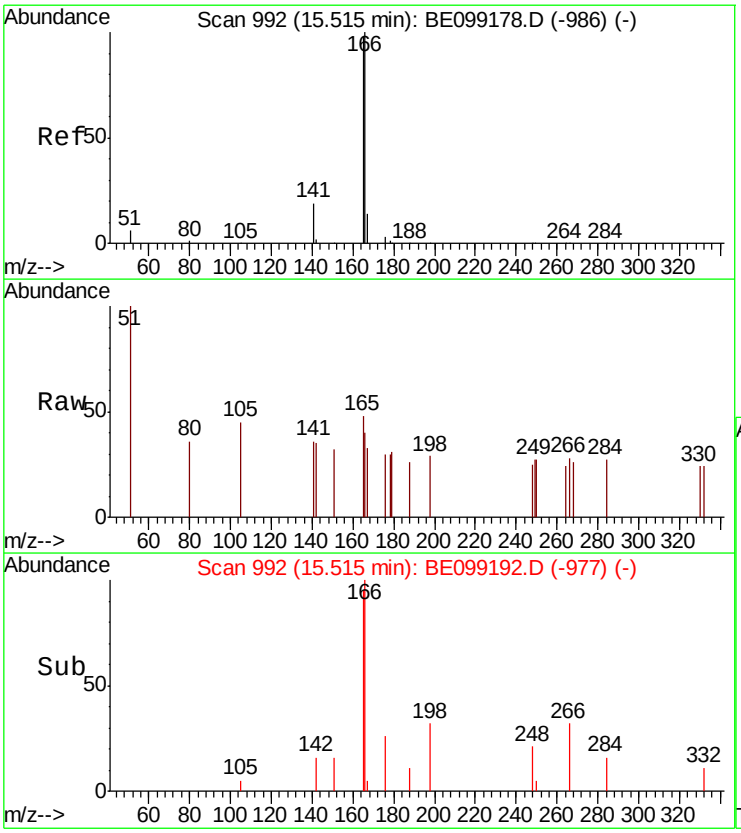
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:154 Resp: 19

Ion	Ratio	Lower	Upper
154	100		
153	221.1	93.4	140.0#
152	0.0	46.6	69.8#

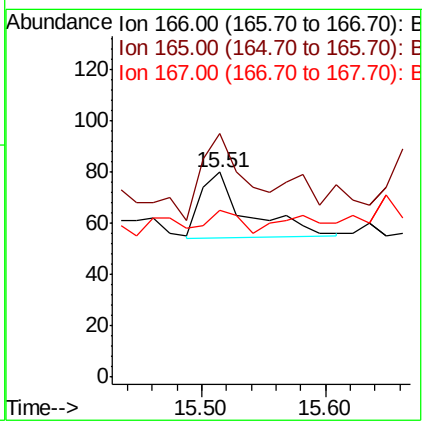


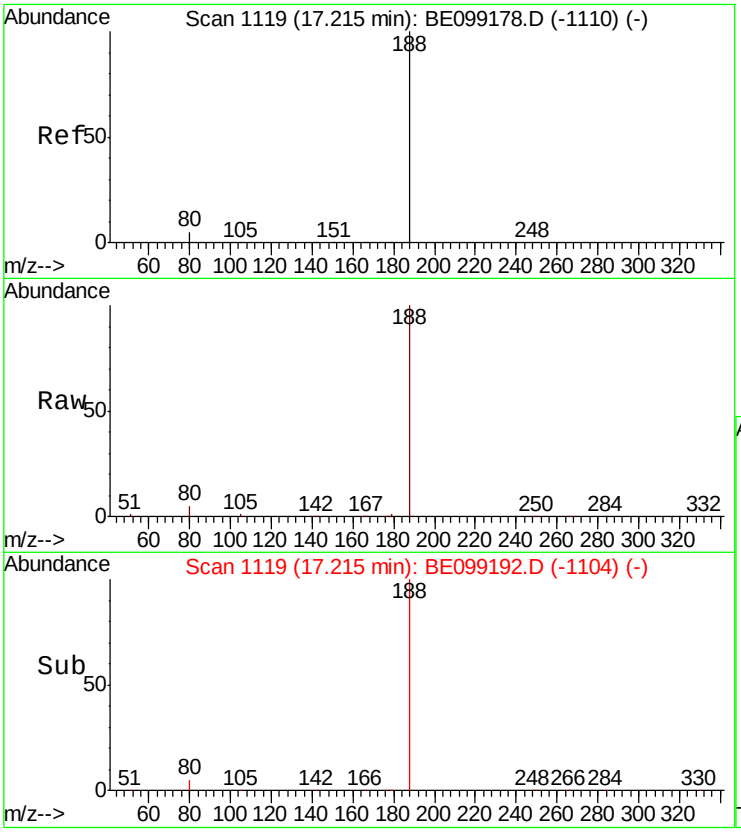


#18
Fluorene
Concen: 0.001 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:166 Resp: 67

Ion	Ratio	Lower	Upper
166	100		
165	73.1	78.9	118.3#
167	22.4	10.9	16.3#



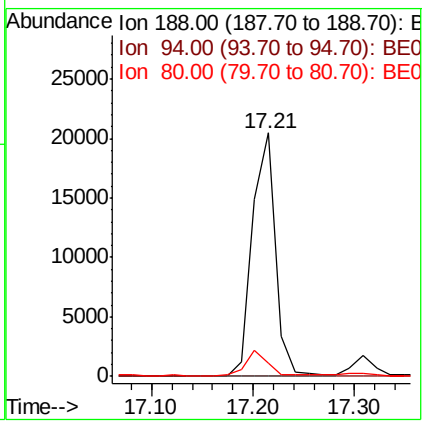


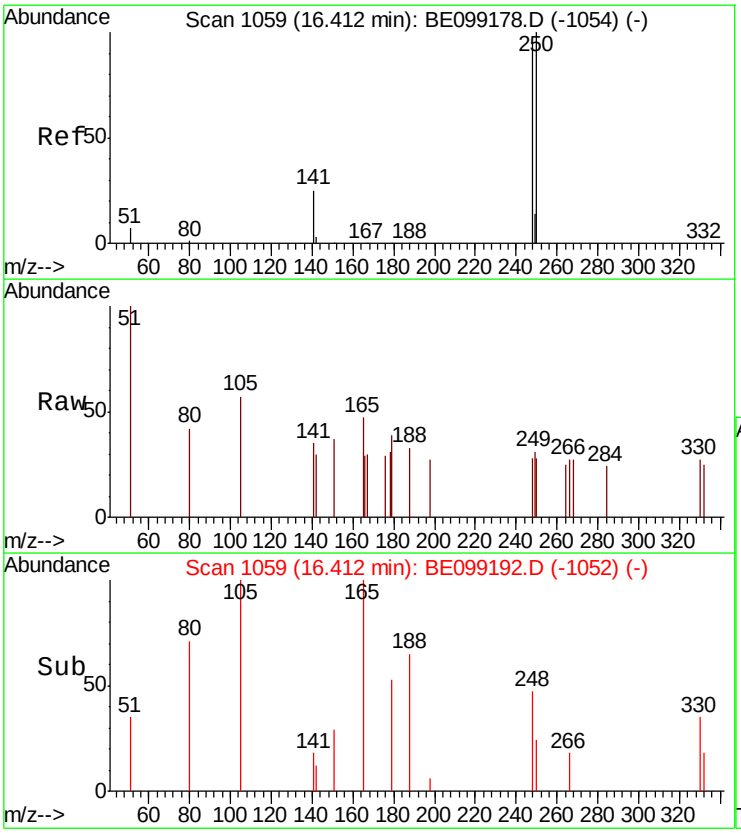
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:188 Resp: 32476

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.2	4.5	6.7

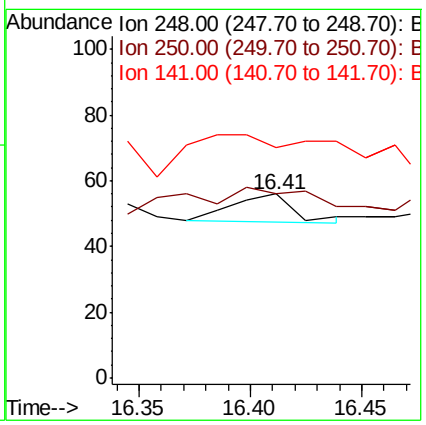


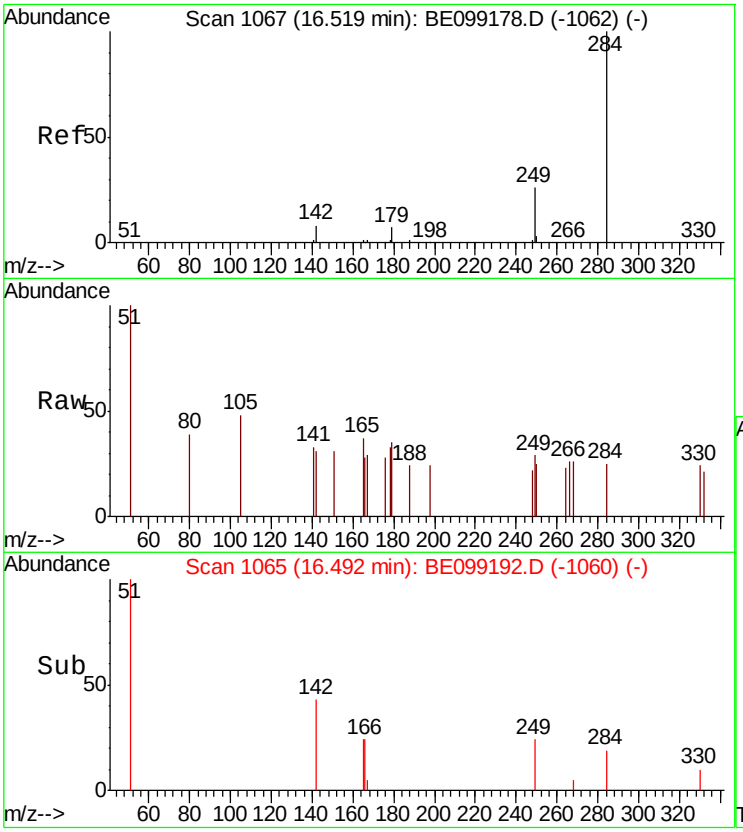


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:248 Resp: 17

Ion	Ratio	Lower	Upper
248	100		
250	100.0	84.2	126.2
141	125.0	21.8	32.6#



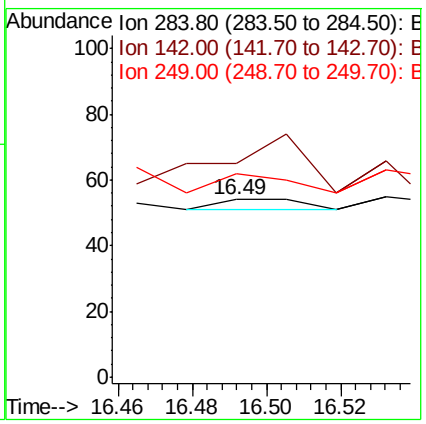


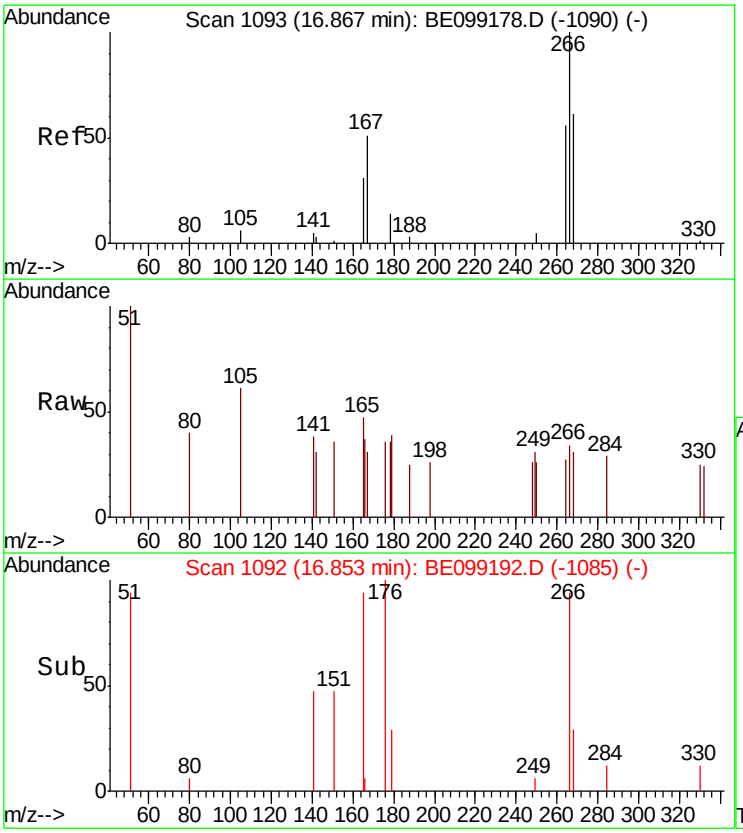
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	580.0	22.7	34.1#
249	0.0	26.9	40.3#

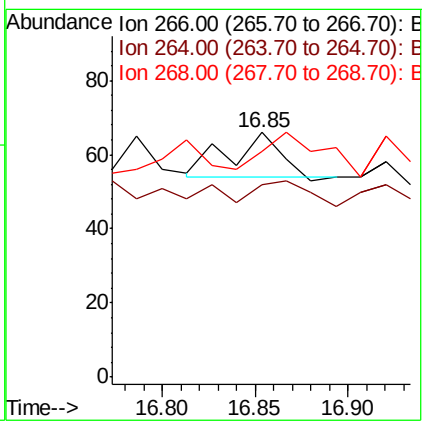


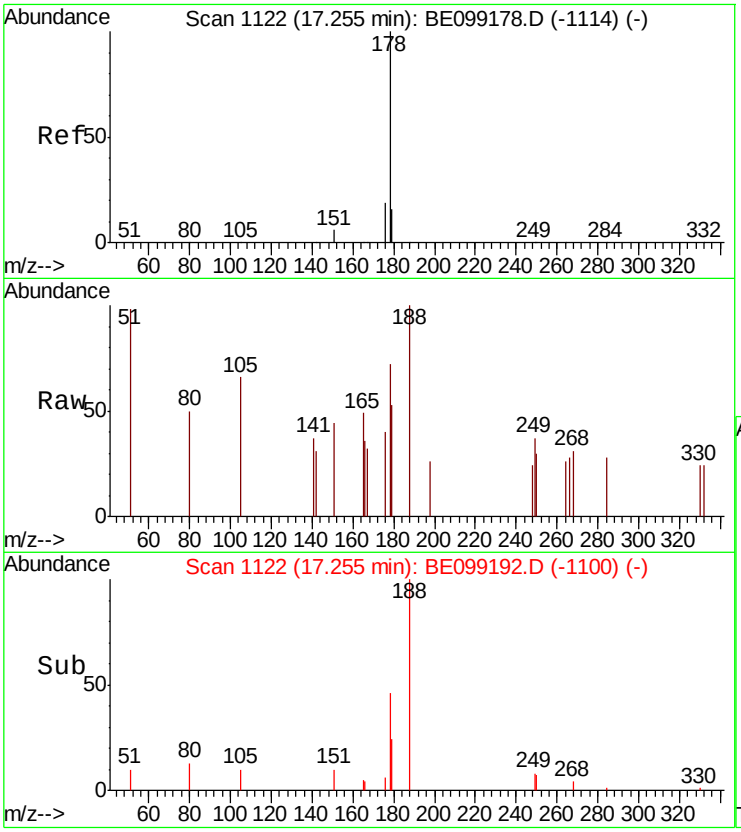


#22
Pentachlorophenol
Concen: 0.246 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	78.8	54.4	81.6
268	92.4	61.3	91.9#



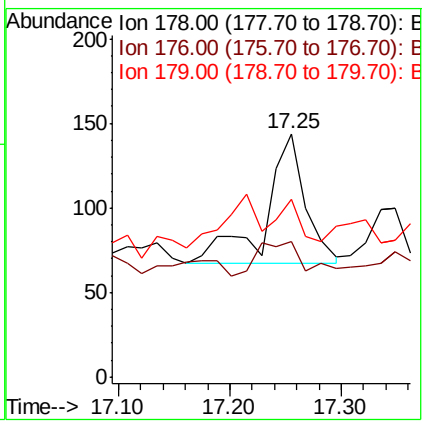


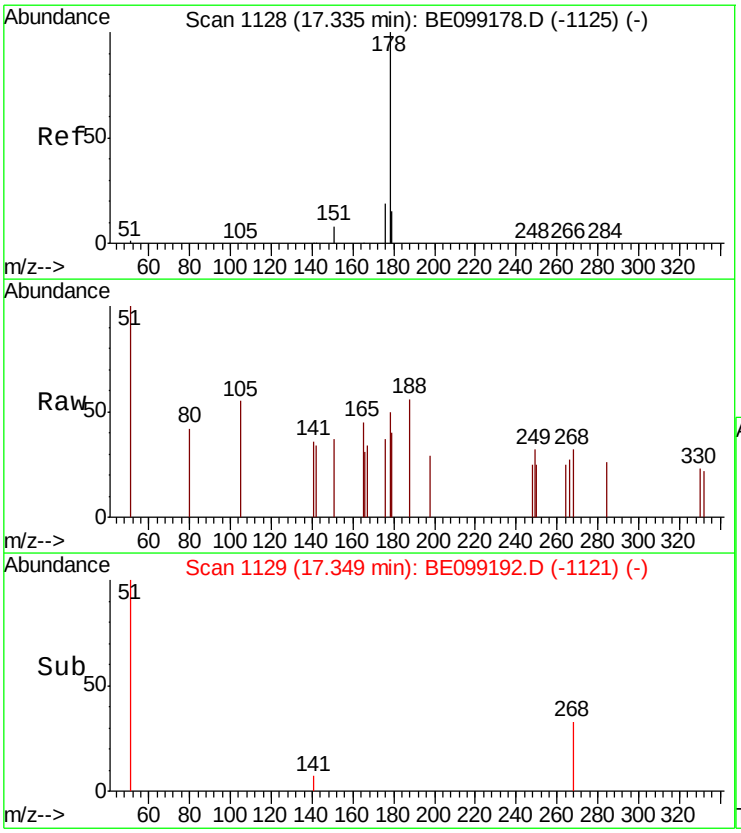
#23
Phenanthrene
Concen: 0.002 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:178 Resp: 194

Ion	Ratio	Lower	Upper
178	100		
176	30.4	15.4	23.2#
179	0.0	12.3	18.5#

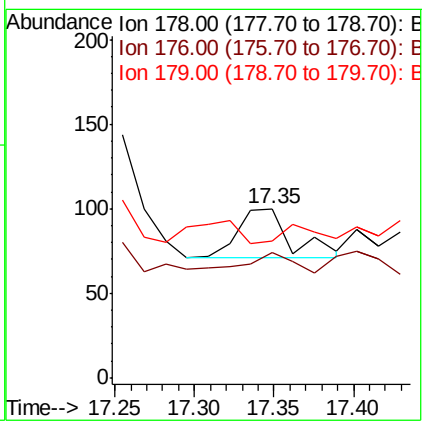


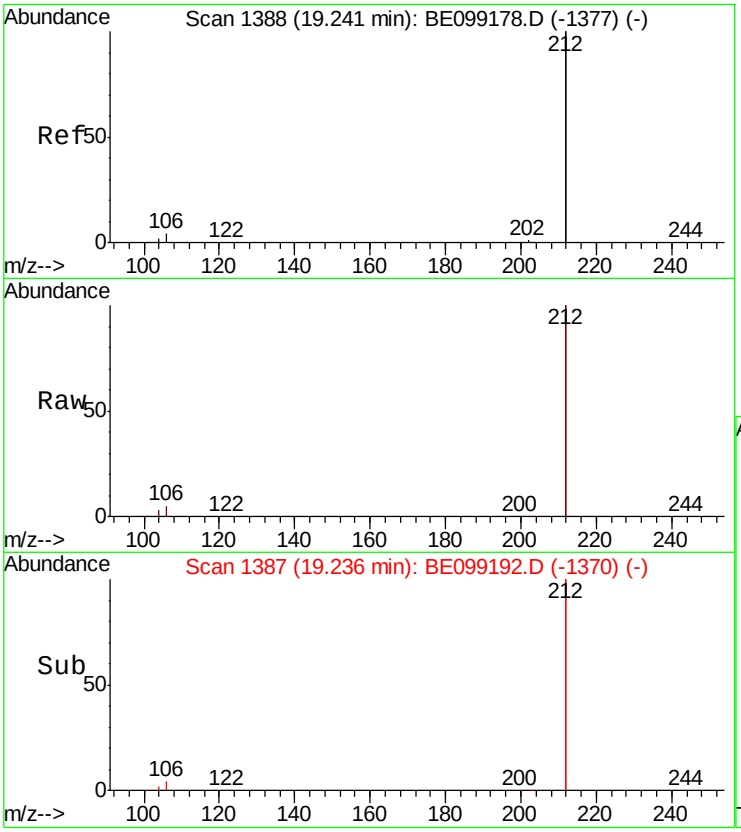


#24
Anthracene
Concen: 0.001 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:178 Resp: 67

Ion	Ratio	Lower	Upper
178	100		
176	32.8	15.1	22.7#
179	28.4	12.4	18.6#



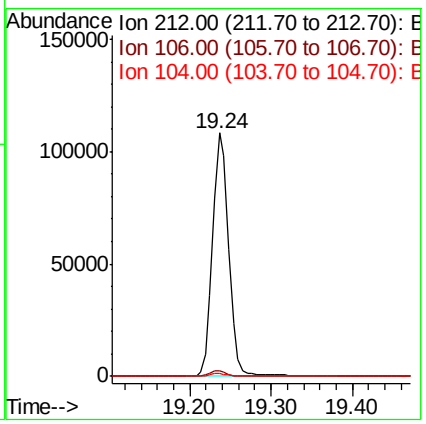


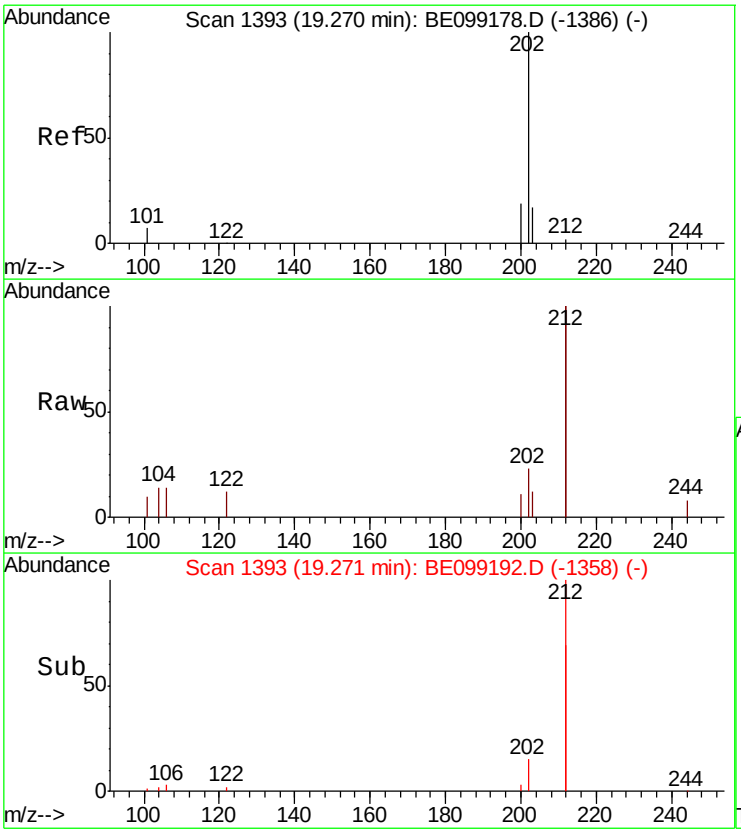
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:212 Resp: 147722

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

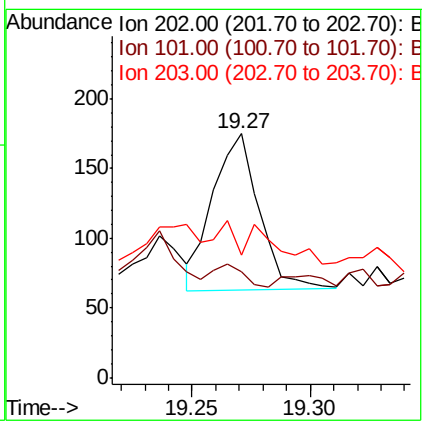


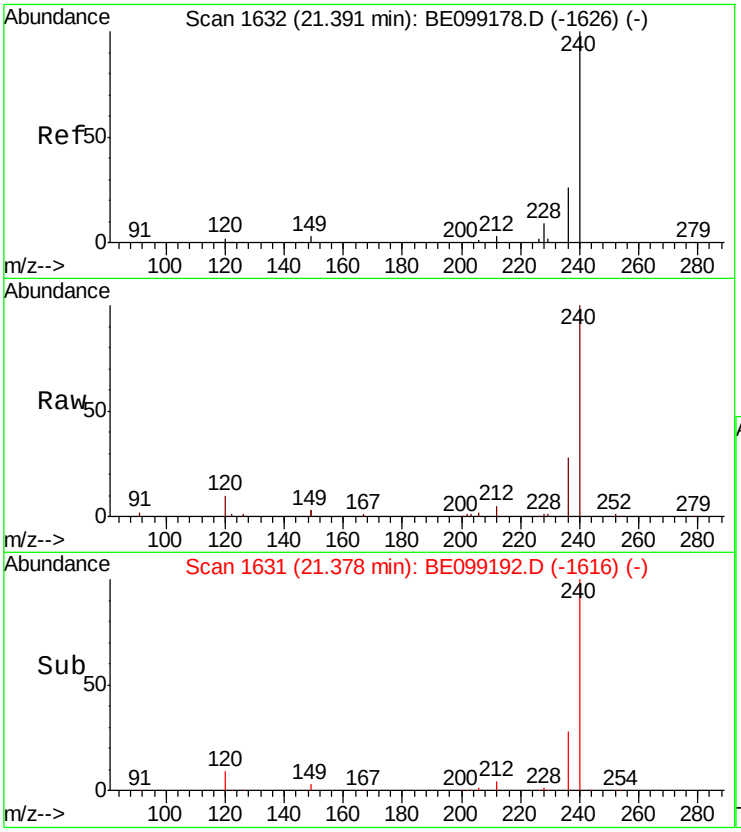


#26
Fluoranthene
Concen: 0.001 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:202 Resp: 154

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	0.0	13.8	20.6#



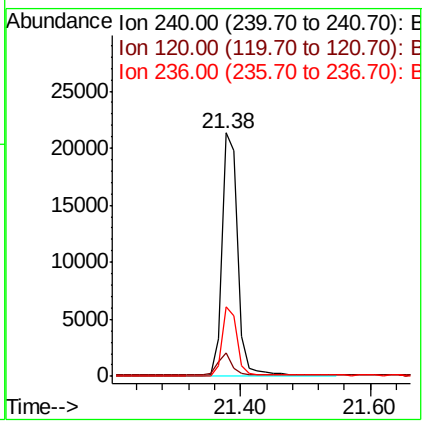


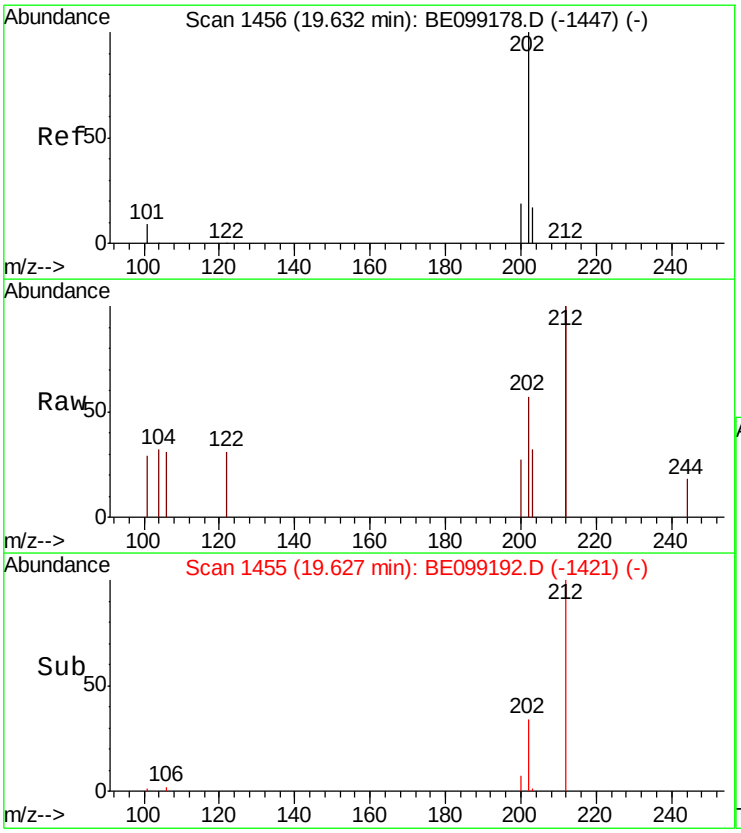
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:240 Resp: 36358

Ion	Ratio	Lower	Upper
240	100		
120	9.8	2.6	3.8#
236	28.4	20.9	31.3

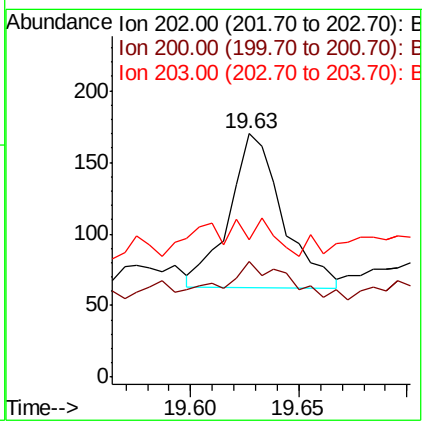


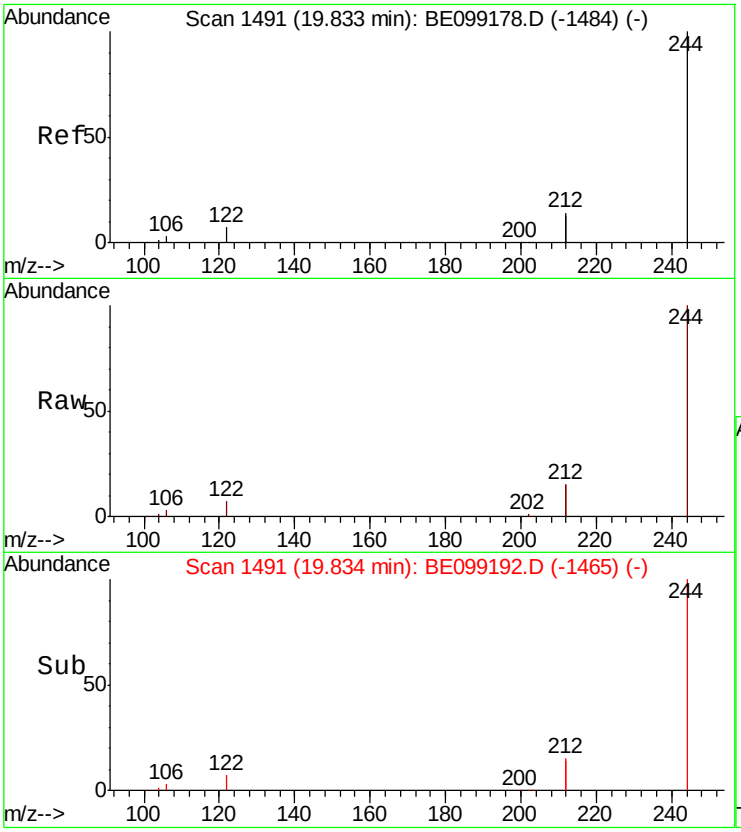


#28
Pyrene
Concen: 0.002 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:202 Resp: 183

Ion	Ratio	Lower	Upper
202	100		
200	29.0	15.8	23.8#
203	16.4	14.1	21.1



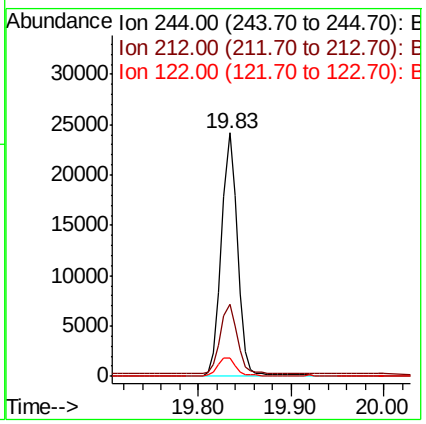


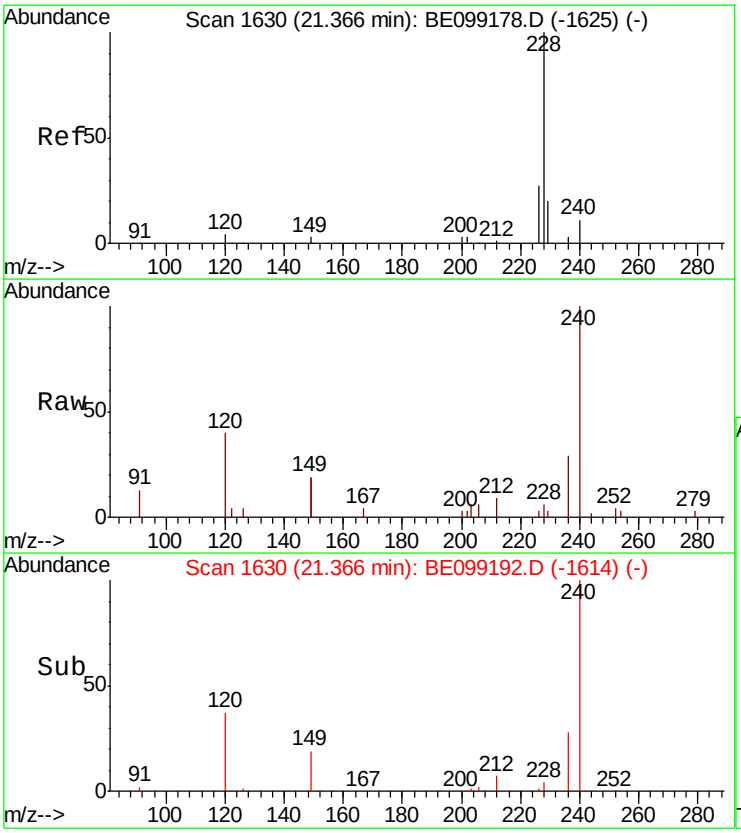
#29
Terphenyl-d14
Concen: 0.363 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:244 Resp: 28690

Ion	Ratio	Lower	Upper
244	100		
212	29.5	22.7	34.1
122	7.4	5.8	8.6

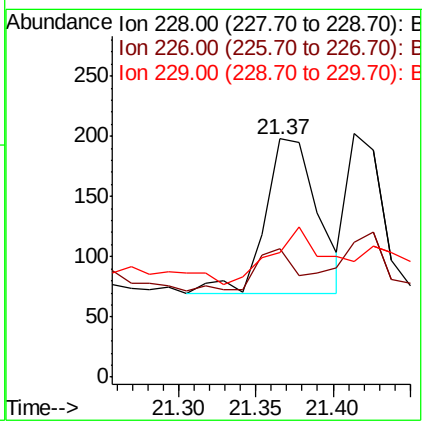


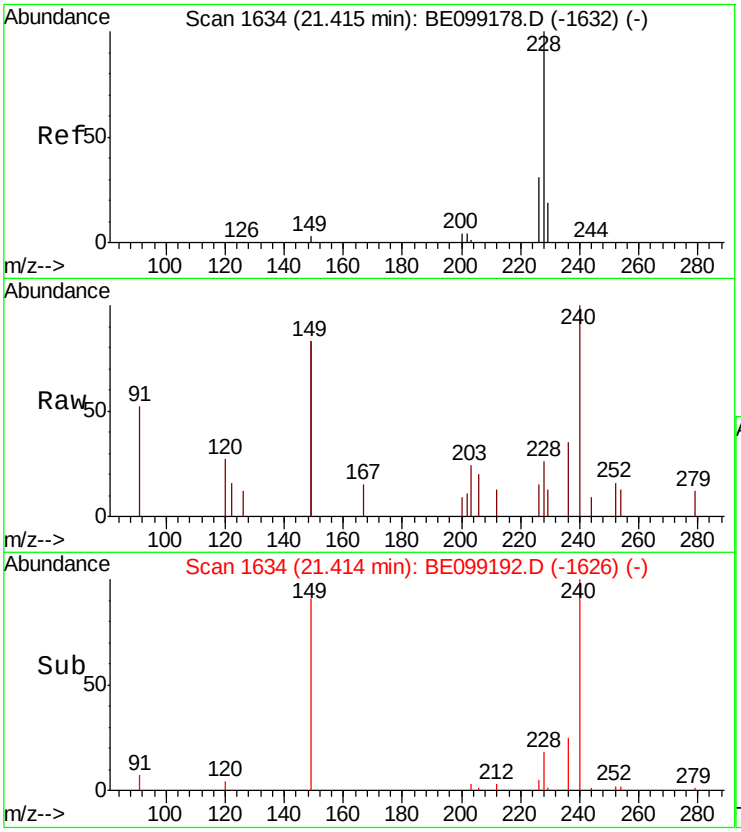


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:228 Resp: 304

Ion	Ratio	Lower	Upper
228	100		
226	54.0	21.7	32.5#
229	52.5	15.9	23.9#



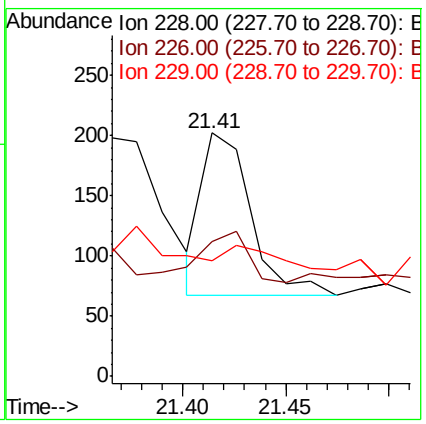


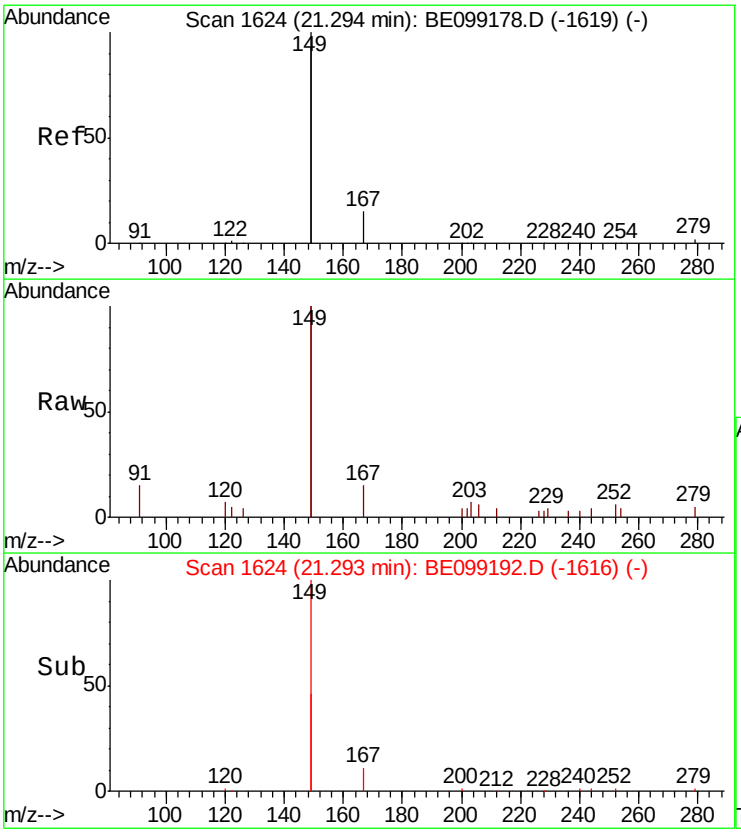
#31
Chrysene
Concen: 0.002 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:228 Resp: 224

Ion	Ratio	Lower	Upper
228	100		
226	55.4	24.8	37.2#
229	47.5	15.4	23.0#

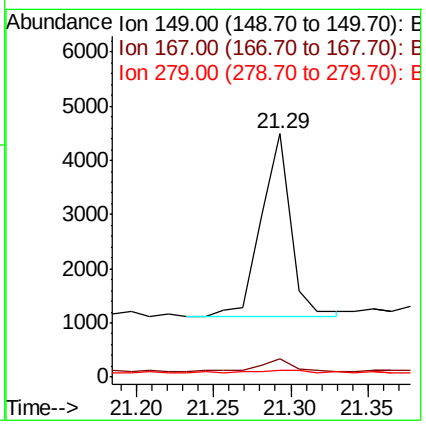


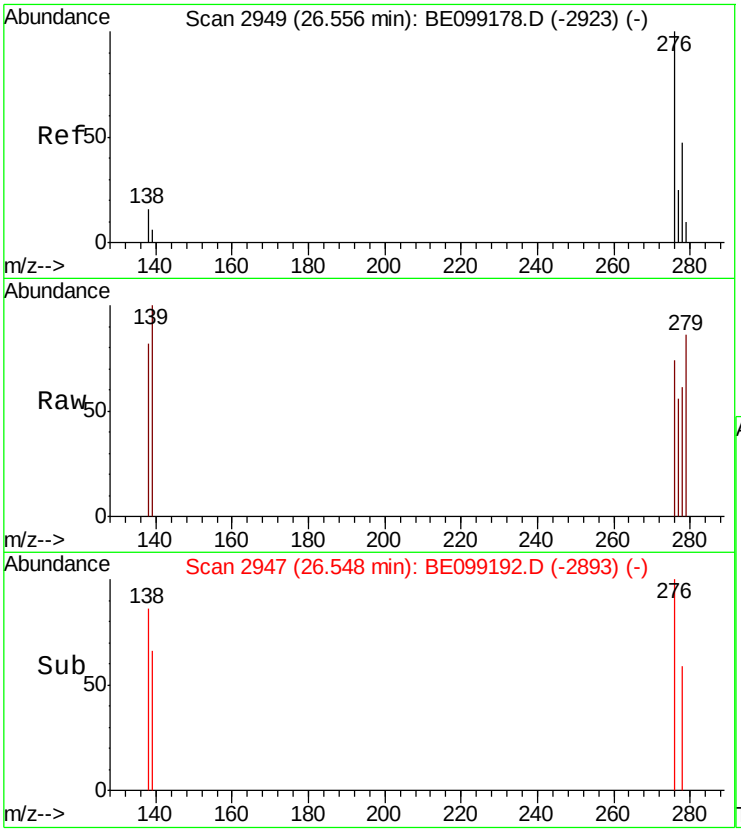


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:149 Resp: 4447

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.9	8.9
279	2.1	1.0	1.6#



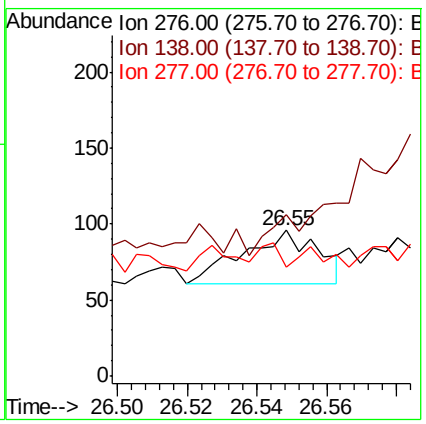


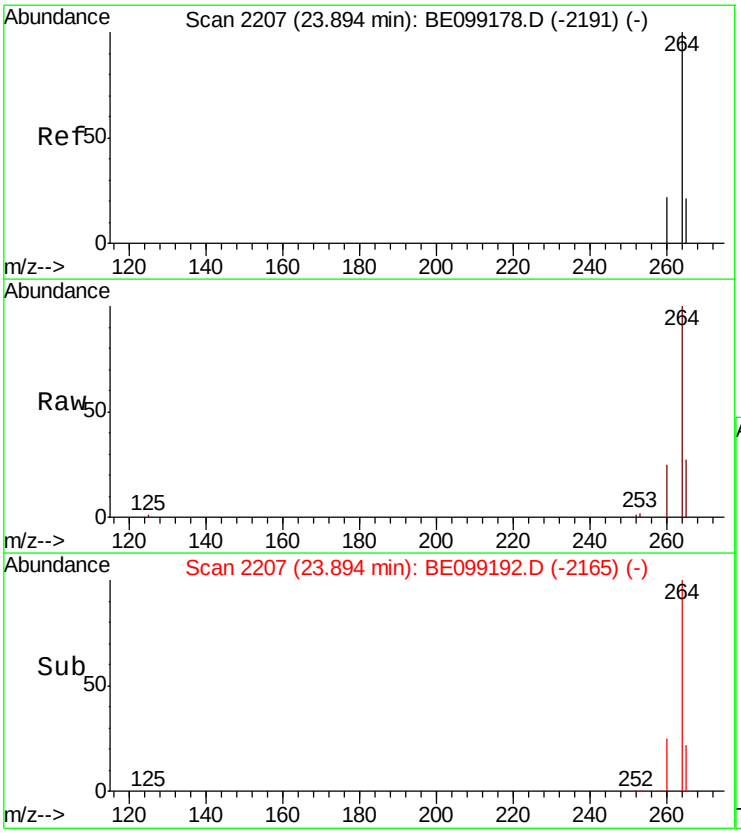
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:276 Resp: 51

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.9	19.3#
277	13.7	18.3	27.5#

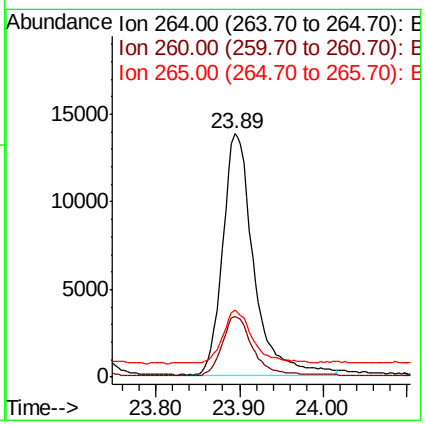


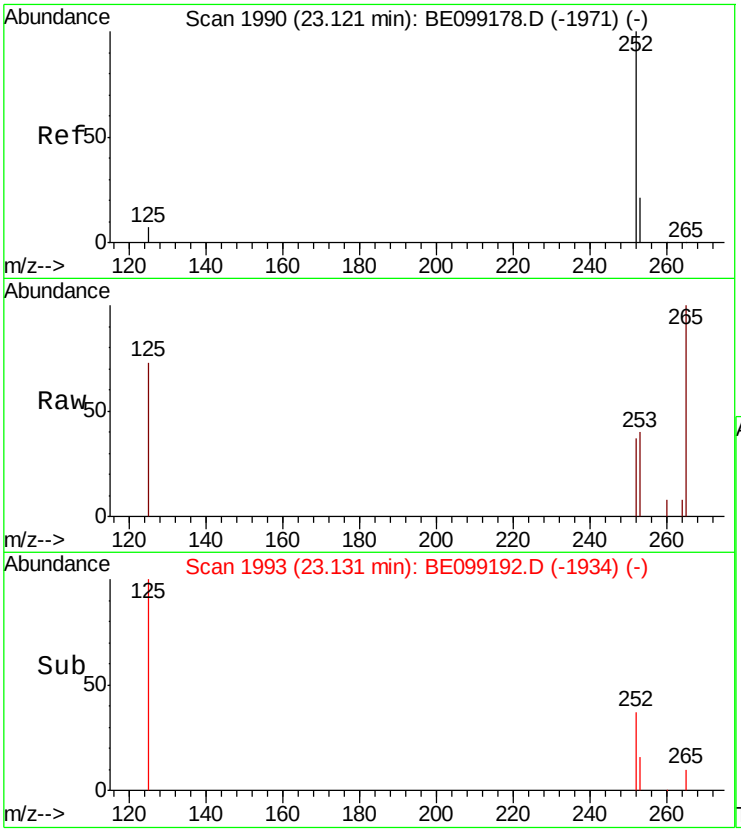


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:264 Resp: 35364

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.2
265	27.5	21.8	32.8



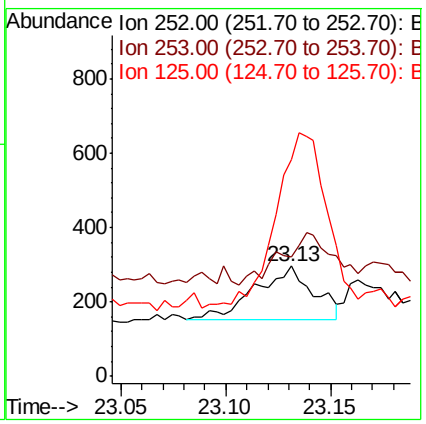


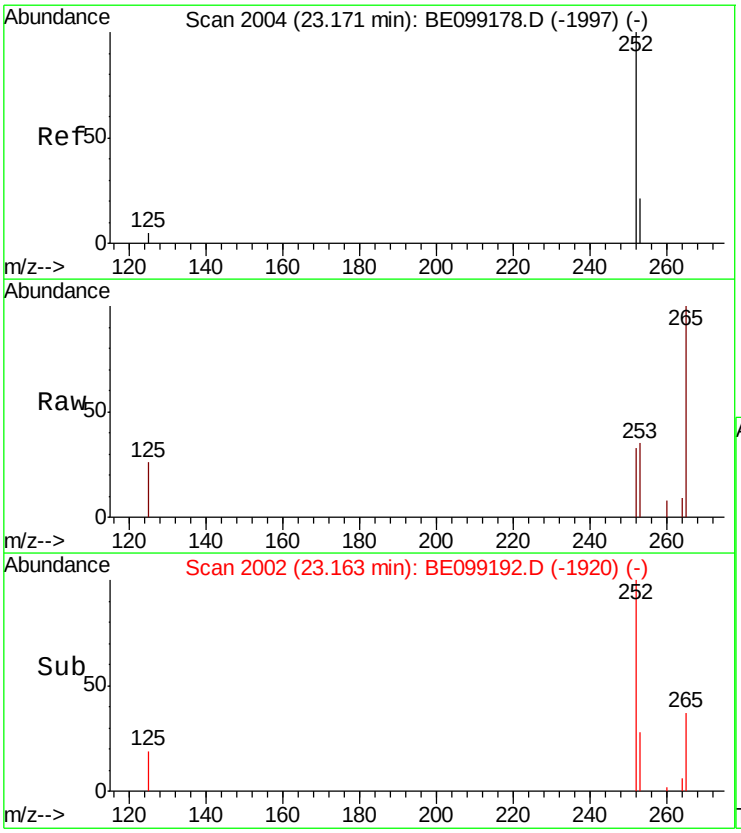
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:252 Resp: 275

Ion	Ratio	Lower	Upper
252	100		
253	108.4	17.8	26.8#
125	196.6	6.1	9.1#

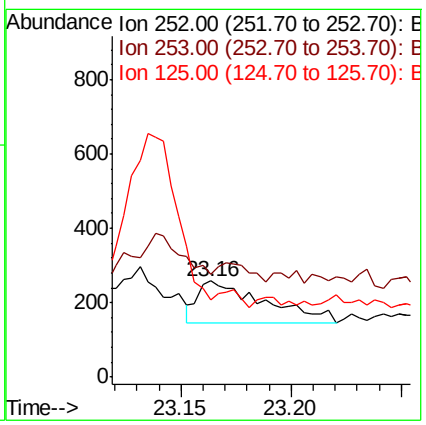


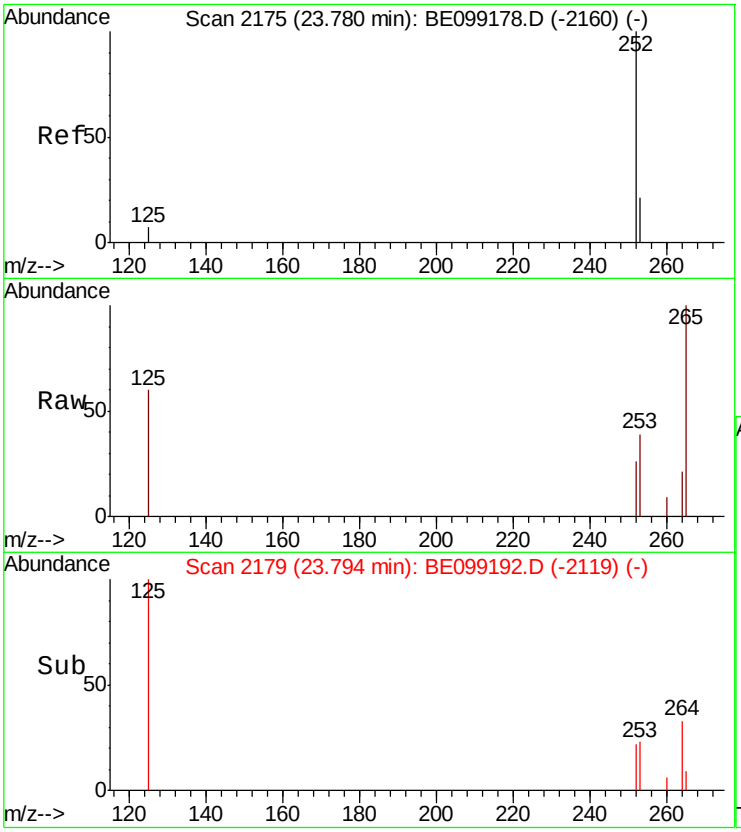


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:252 Resp: 234

Ion	Ratio	Lower	Upper
252	100		
253	106.6	17.8	26.6#
125	81.0	5.9	8.9#



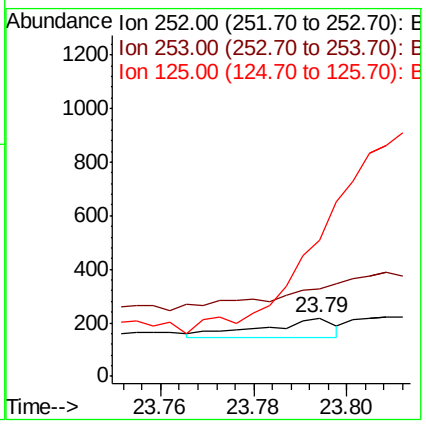


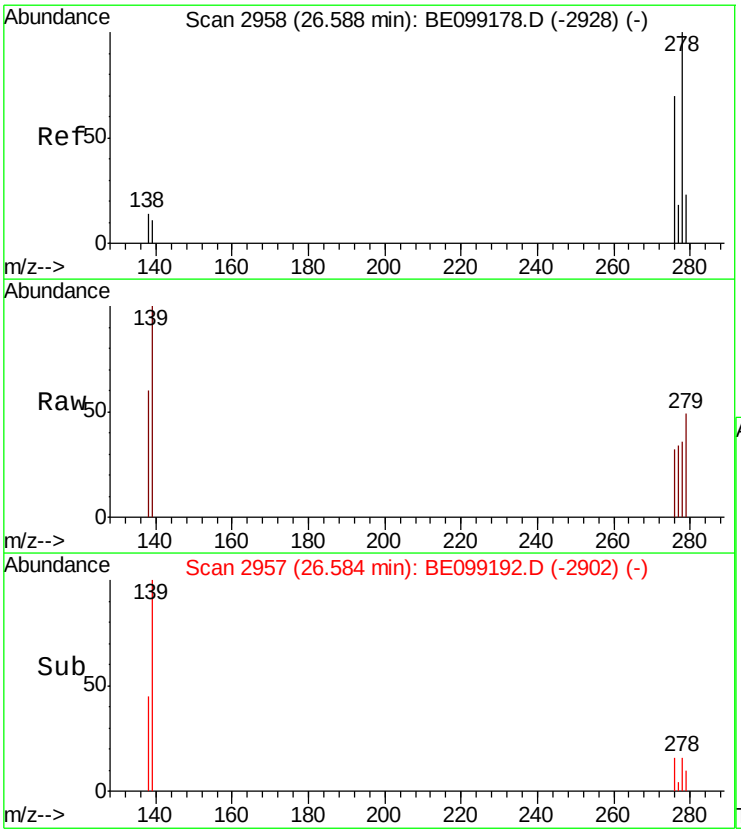
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.79 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:252 Resp: 80

Ion	Ratio	Lower	Upper
252	100		
253	150.0	18.1	27.1#
125	233.0	6.8	10.2#

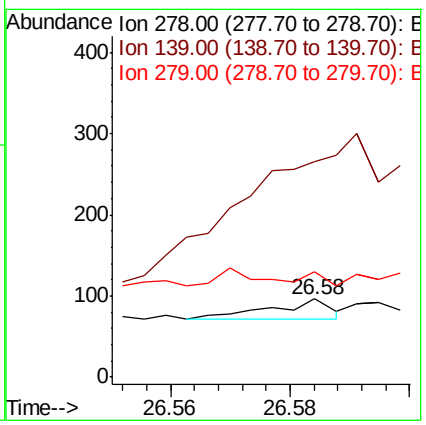


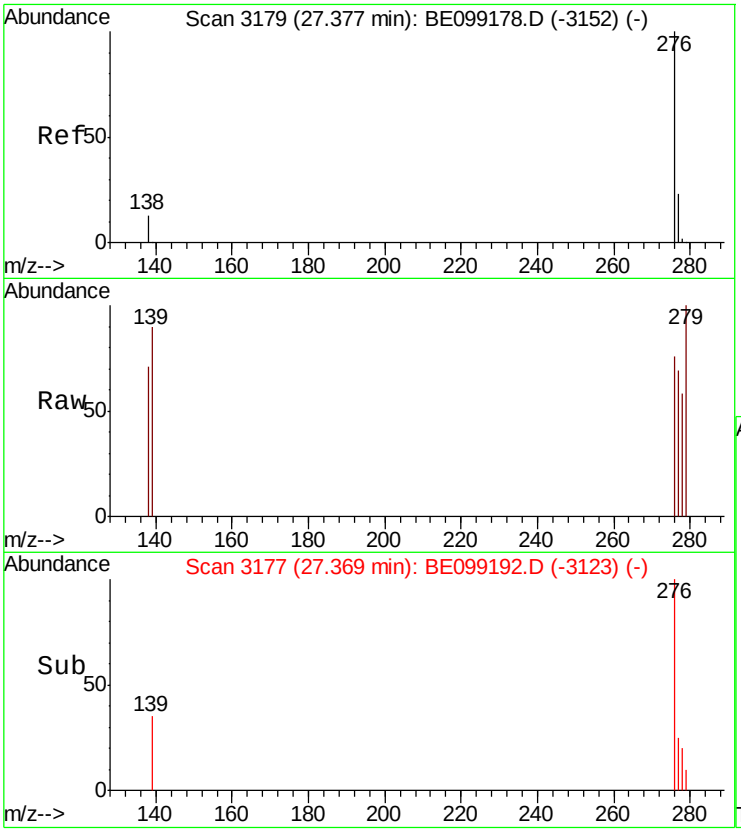


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Tgt Ion:278 Resp: 18

Ion	Ratio	Lower	Upper
278	100		
139	276.0	9.5	14.3#
279	135.4	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BE099192.D
Acq: 25 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190318

Tgt Ion:276 Resp: 12

Ion	Ratio	Lower	Upper
276	100		
277	91.7	19.0	28.4#
138	94.0	11.1	16.7#