Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099198.D
Acq On : 26 Mar 2019 2:30
Operator : JU/SJ
Sample : K2073-04RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : P001-TW001-04

Quant Time: Mar 26 07:11:29 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	3746	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15432	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11738	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	35259	0.40	ng	0.00
27) Chrysene-d12	21.38	240	40081	0.40	ng	-0.01
34) Perylene-d12	23.90	264	38027	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1849	0.17	ng	0.00
5) Phenol-d6	6.99	99	1735	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4620	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10848	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1800	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	19521	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	172693	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	34668	0.40	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.66	42	113	0.041	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	26	0.002	ng	# 1
9) Naphthalene	10.67	128	310	0.002	ng	# 61
10) Hexachlorobutadiene	10.93	225	27	0.003	ng	# 39
12) 2-Methylnaphthalene	12.30	142	41	0.001	ng	# 66
16) Acenaphthylene	14.20	152	27	0.000	ng	# 61
17) Acenaphthene	14.54	154	15	0.000	ng	# 1
18) Fluorene	15.51	166	31	0.001	ng	# 43
20) 4-Bromophenyl-phenylether	16.41	248	21	0.001	ng	# 64
21) Hexachlorobenzene	16.52	284	24	0.001	ng	# 24
22) Pentachlorophenol	16.85	266	51	0.255	ng	90
23) Phenanthrene	17.25	178	254	0.002	ng	# 64
24) Anthracene	17.35	178	98	0.001	ng	# 38
26) Fluoranthene	19.27	202	228	0.002	ng	# 85
28) Pyrene	19.63	202	218	0.002	ng	# 87
30) Benzo(a)anthracene	21.38	228	262	0.002	ng	# 32
31) Chrysene	21.42	228	125	0.001	ng	# 32
32) Bis(2-ethylhexyl)phthalate	21.28	149	5600	0.035	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	21	0.000	ng	# 69
35) Benzo(b)fluoranthene	23.14	252	284	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	135	0.001	ng	# 1
37) Benzo(a)pyrene	23.79	252	14	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	21	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	9	0.000	ng	# 1

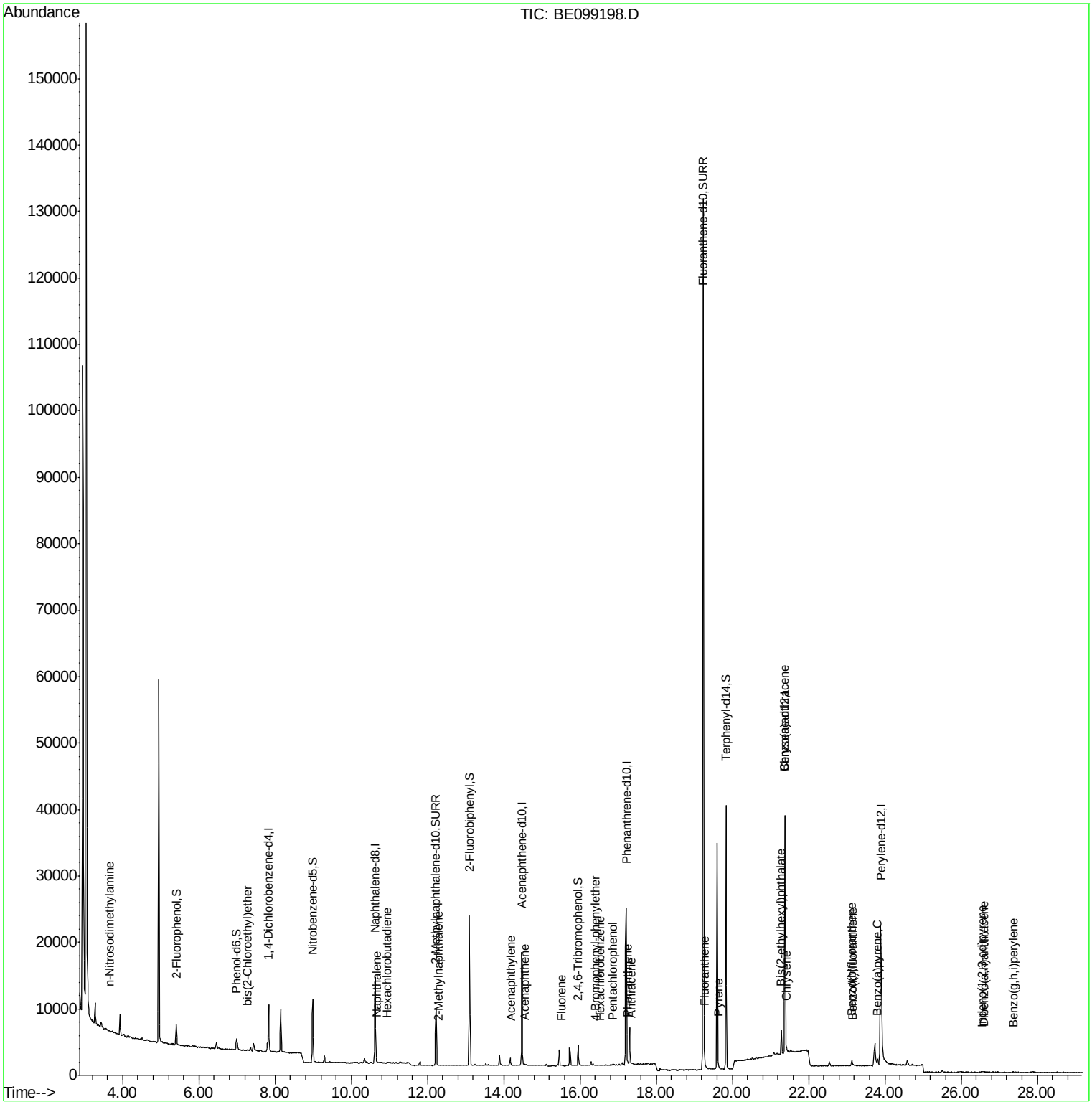
(#) = qualifier out of range (m) = manual integration (+) = signals summed

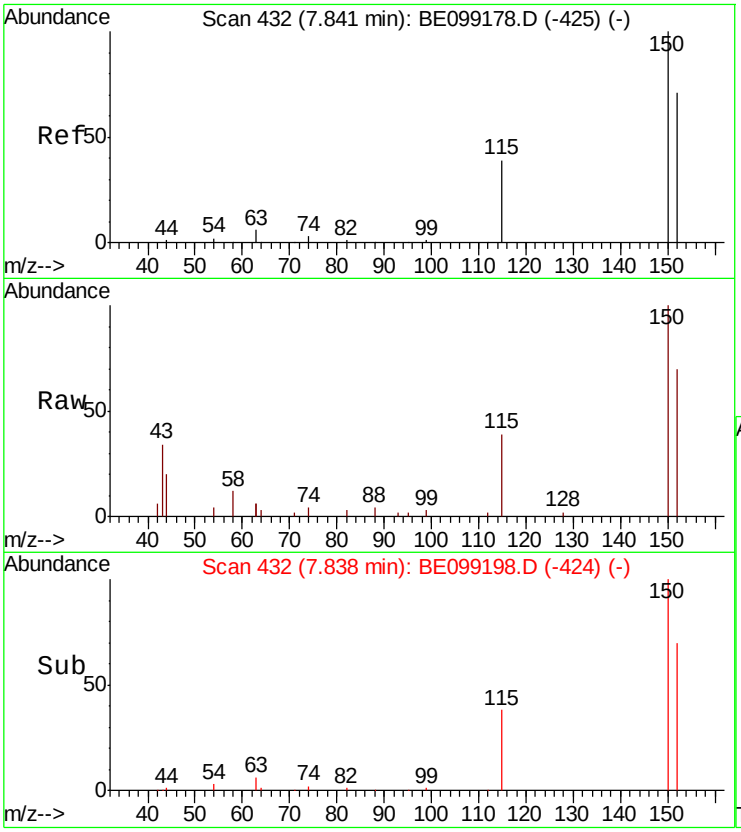
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099198.D
Acq On : 26 Mar 2019 2:30
Operator : JU/SJ
Sample : K2073-04RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Quant Time: Mar 26 07:11:29 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



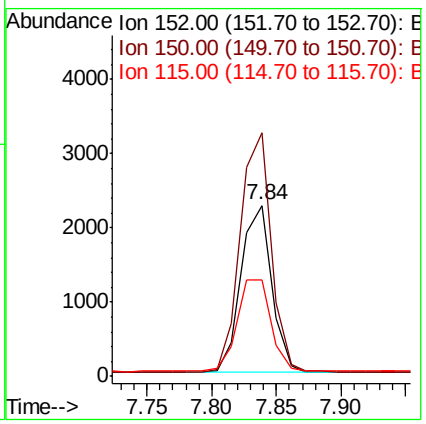


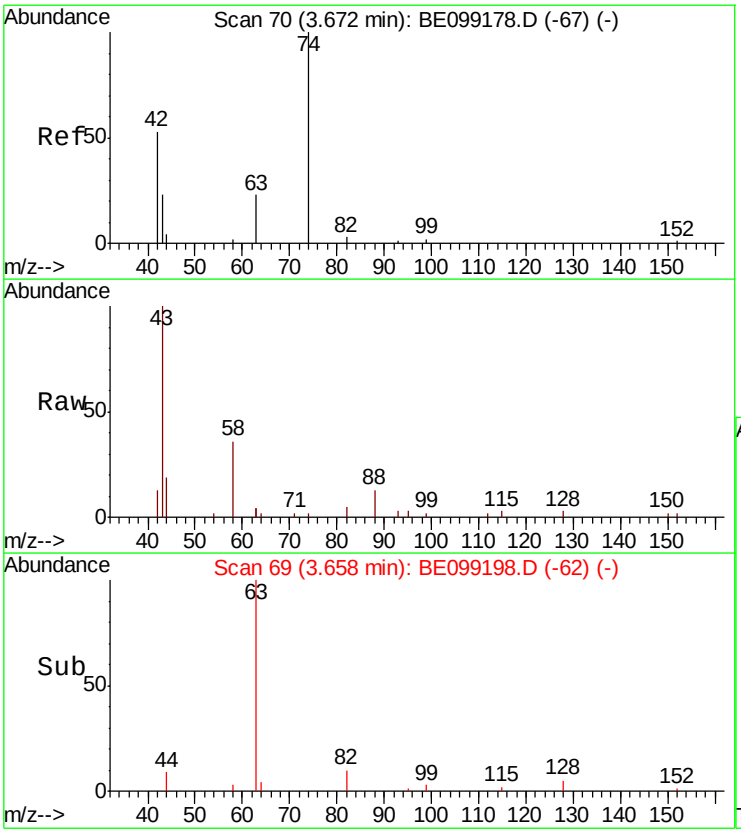
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:152 Resp: 3746

Ion	Ratio	Lower	Upper
152	100		
150	142.2	112.8	169.2
115	56.0	45.1	67.7

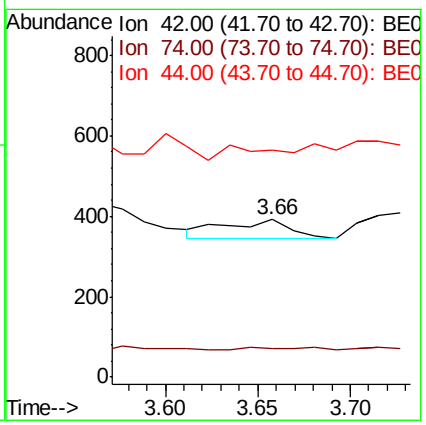


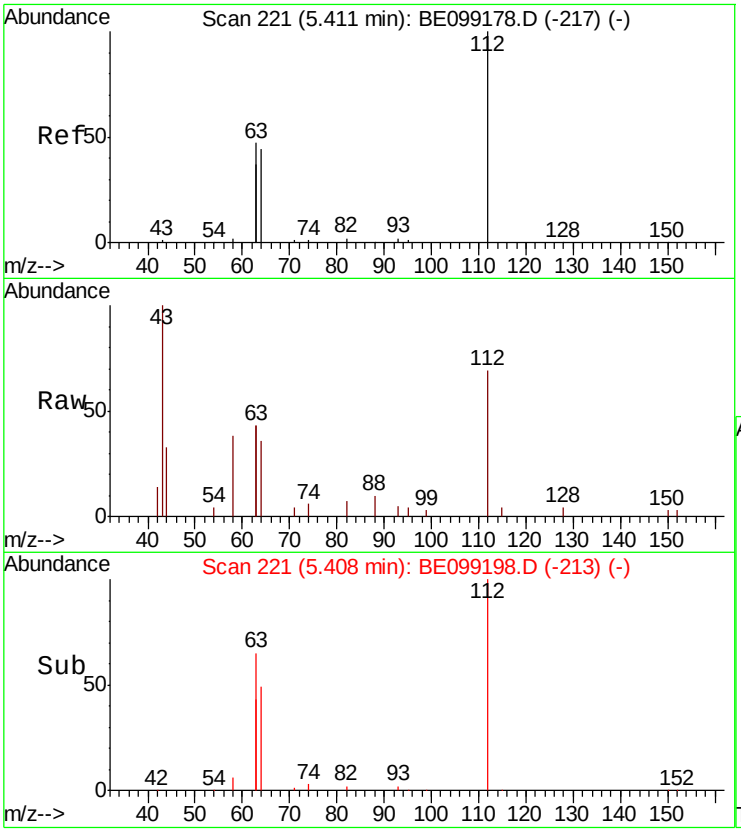


#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
74	10.6	138.6	207.8#
44	0.0	15.0	22.6#



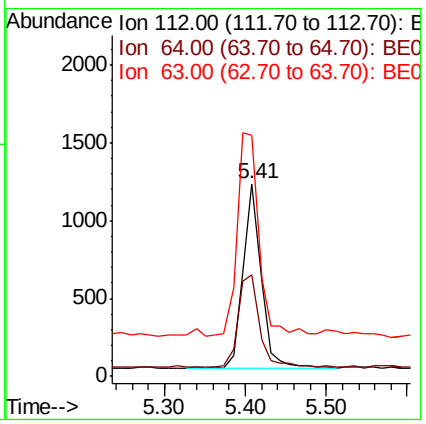


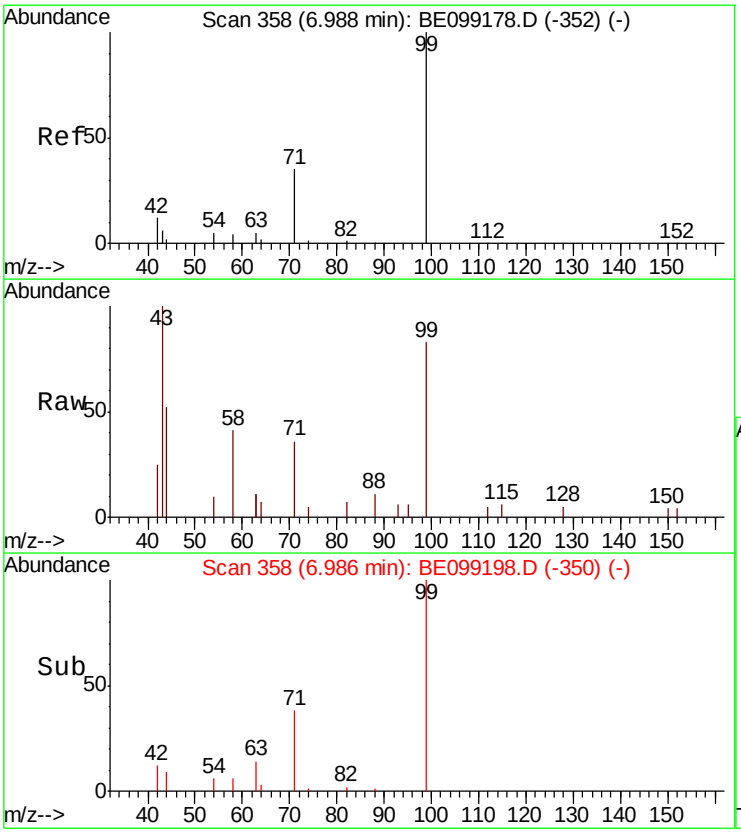
#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:112 Resp: 1849

Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.2	69.2
63	130.6	89.9	134.9

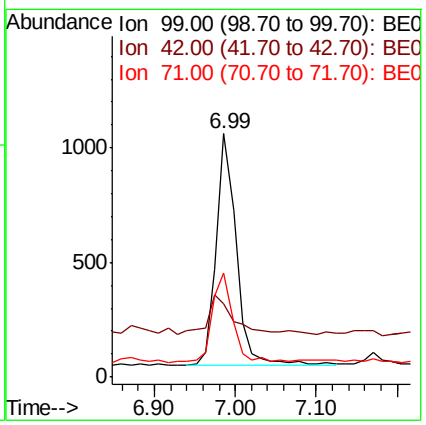


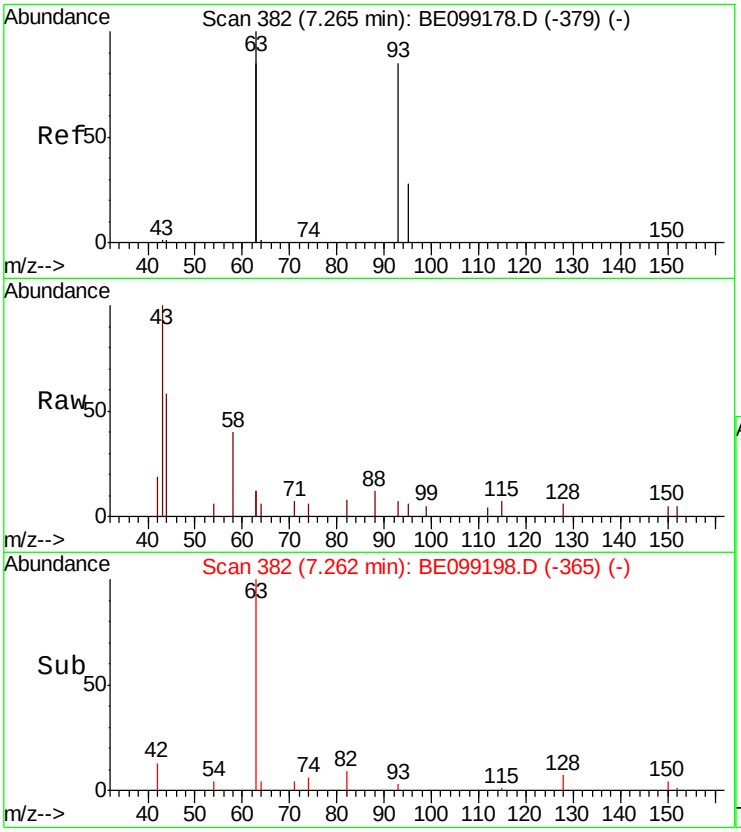


#5
Phenol-d6
Concen: 0.102 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion: 99 Resp: 1735

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.4	18.6#
71	38.7	28.4	42.6



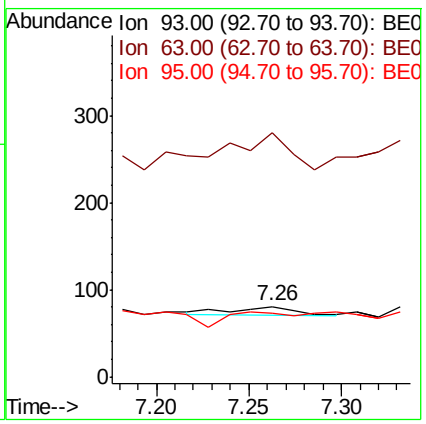


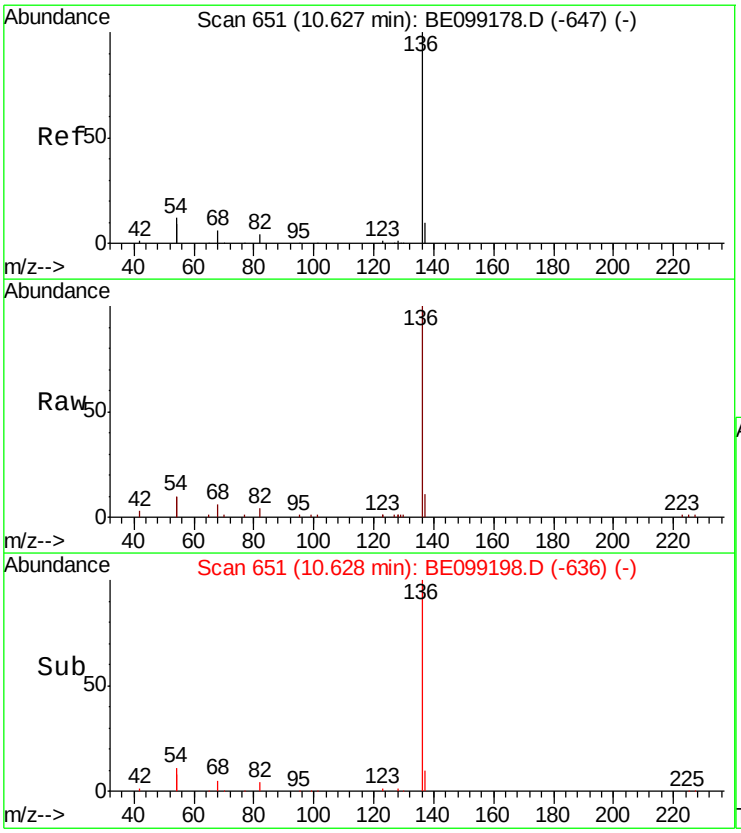
#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion: 93 Resp: 26

Ion	Ratio	Lower	Upper
93	100		
63	430.8	221.4	332.0#
95	165.4	25.8	38.8#

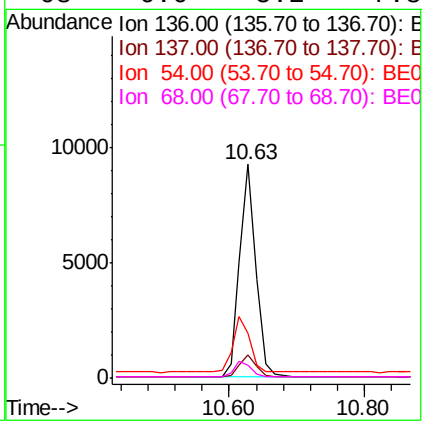


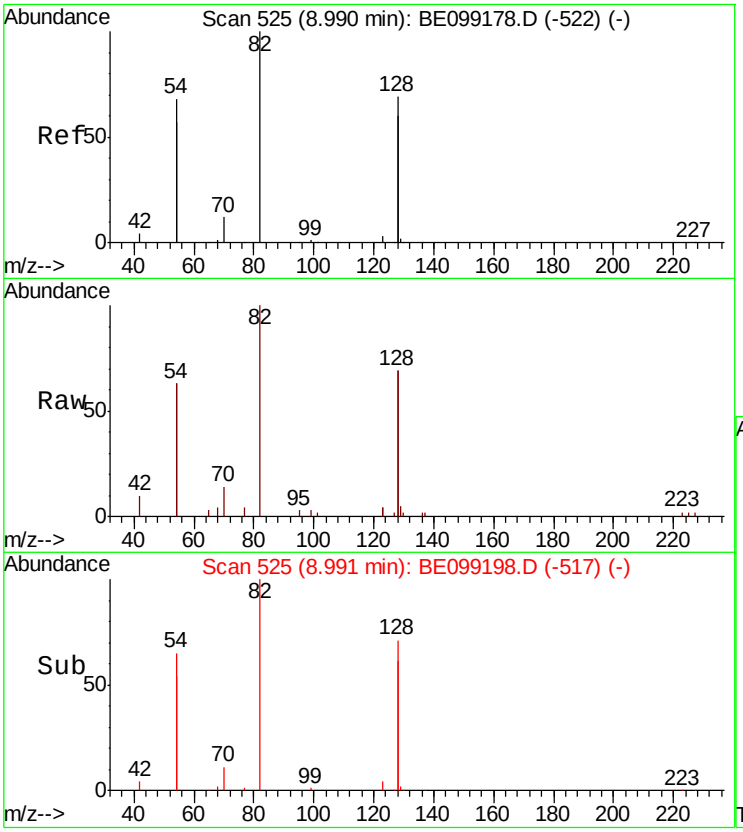


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:136 Resp: 15432

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	20.9	18.7	28.1
68	6.0	5.2	7.8



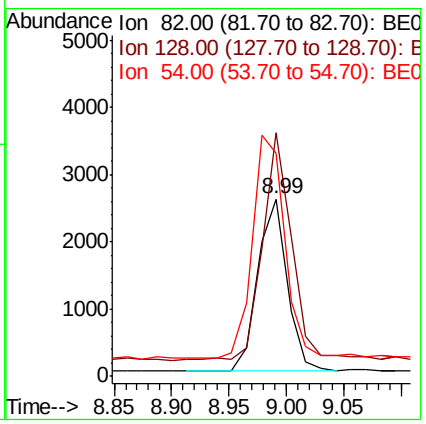


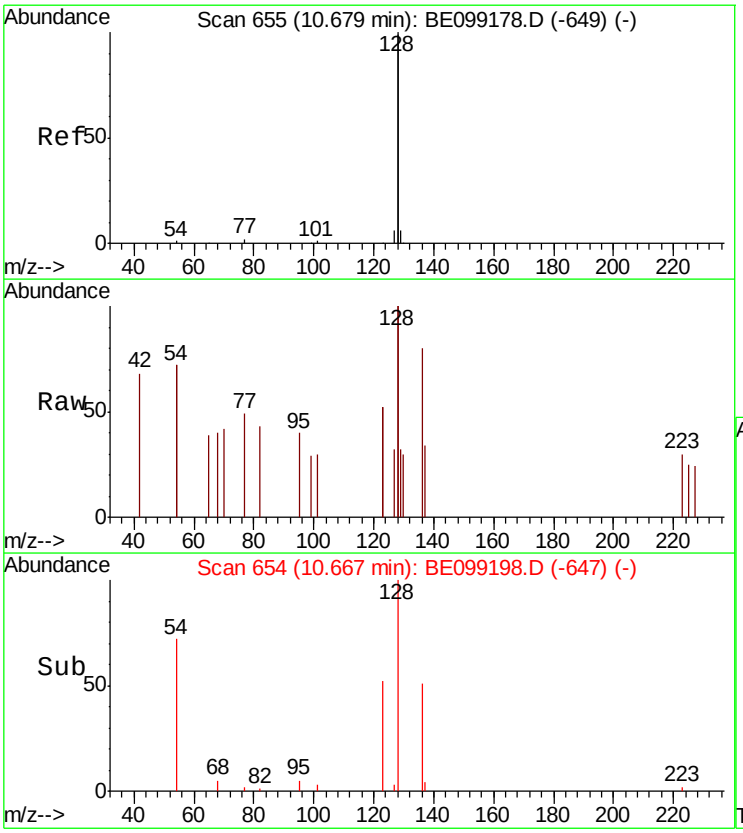
#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion: 82 Resp: 4620

Ion	Ratio	Lower	Upper
82	100		
128	137.1	107.5	161.3
54	125.5	106.3	159.5

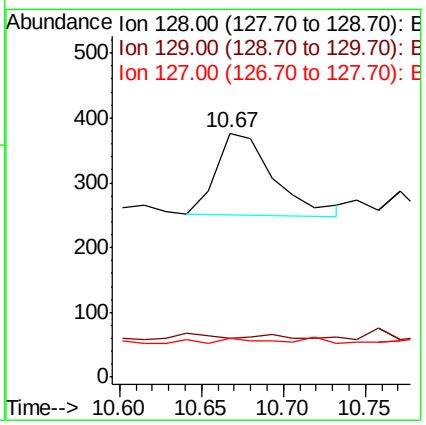


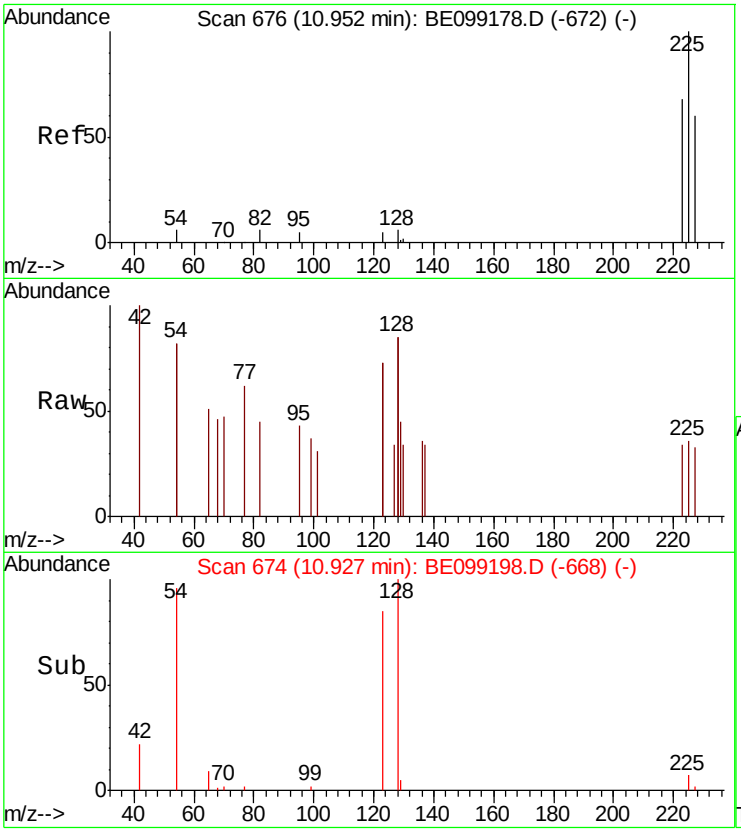


#9
Naphthalene
Concen: 0.002 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:128 Resp: 310

Ion	Ratio	Lower	Upper
128	100		
129	16.0	2.3	3.5#
127	16.0	2.6	3.8#



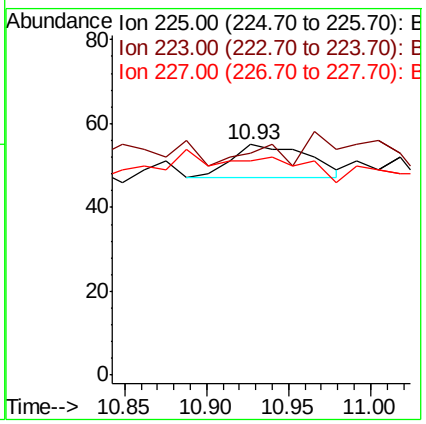


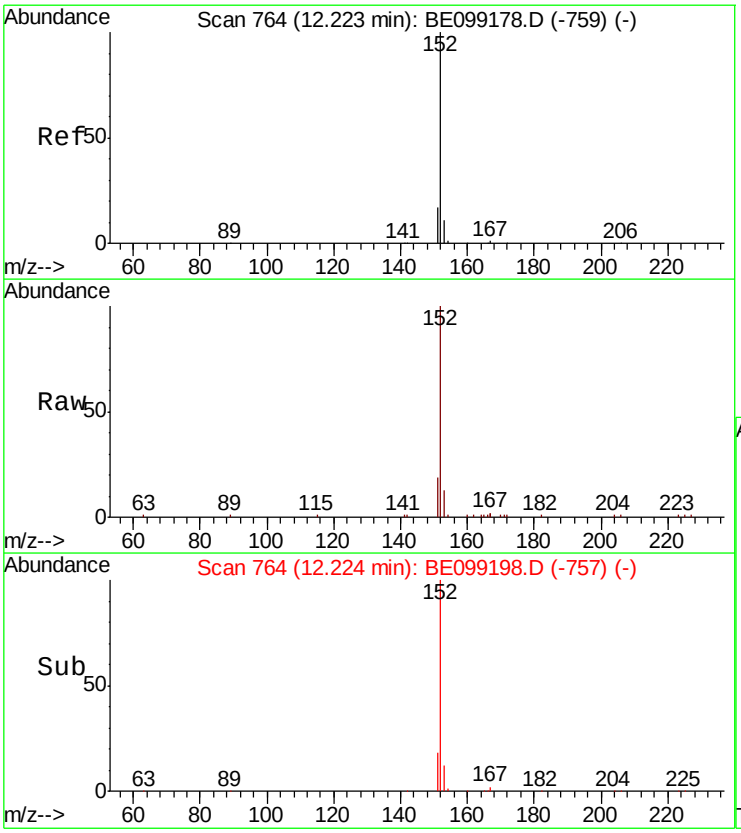
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.03 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:225 Resp: 27

Ion	Ratio	Lower	Upper
225	100		
223	29.6	51.3	76.9#
227	0.0	48.6	73.0#

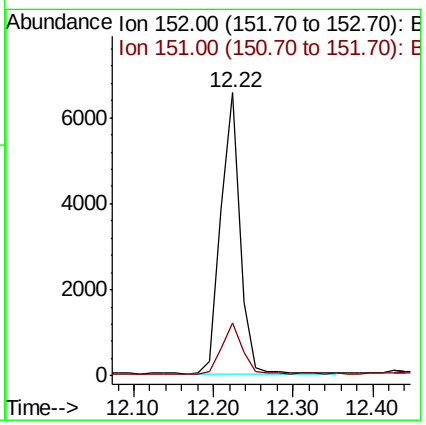


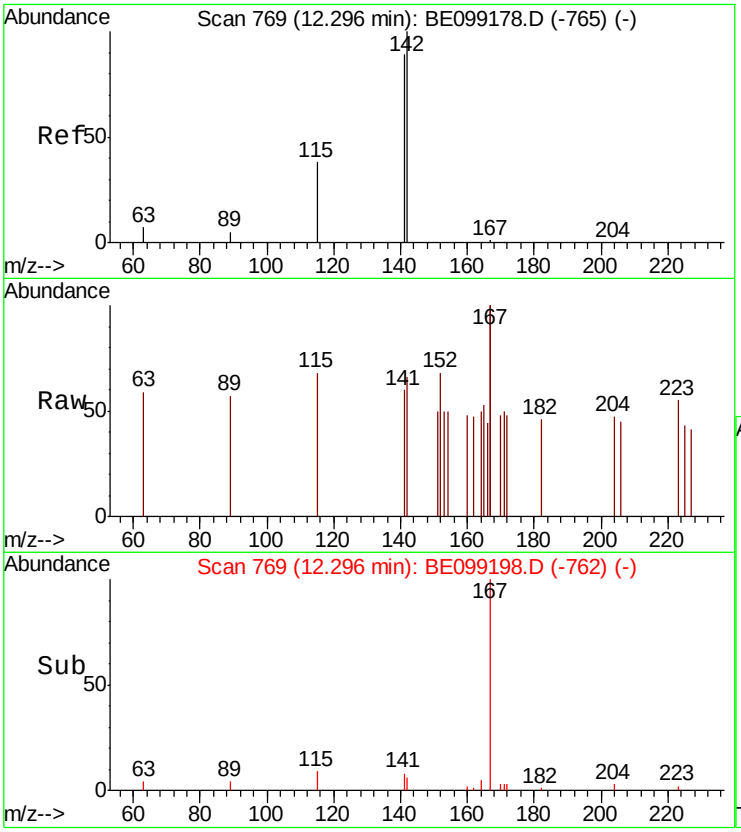


#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:152 Resp: 10848

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.6



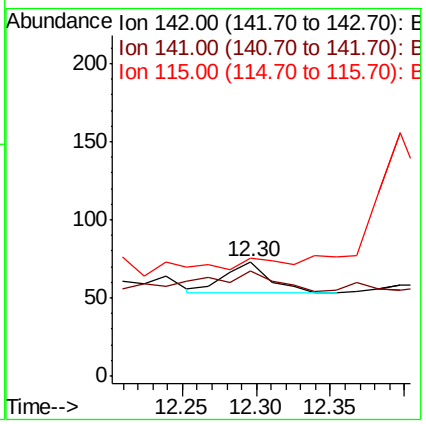


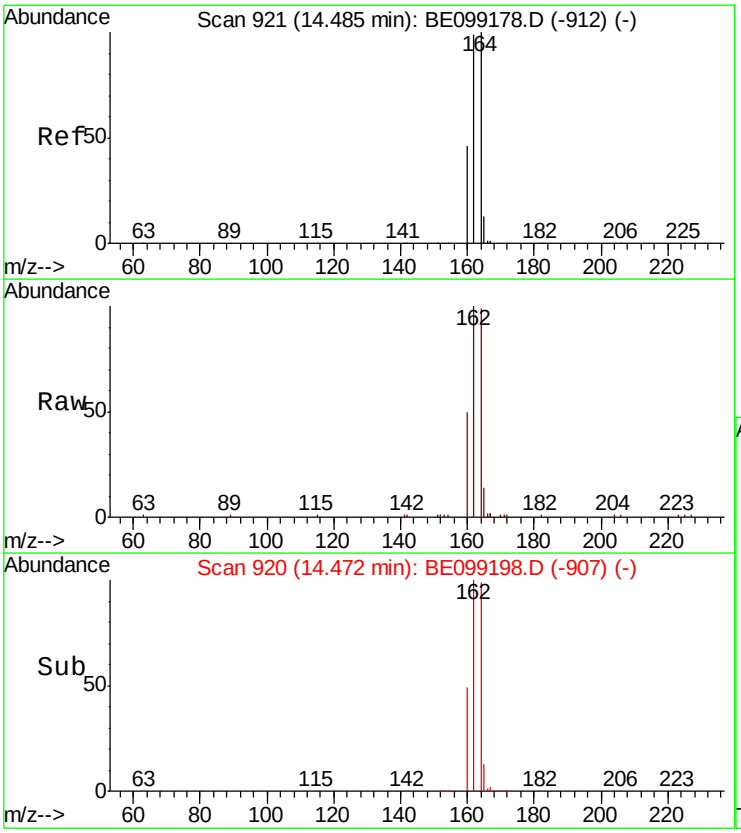
#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:142 Resp: 41

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.3	106.9
115	102.7	30.4	45.6#

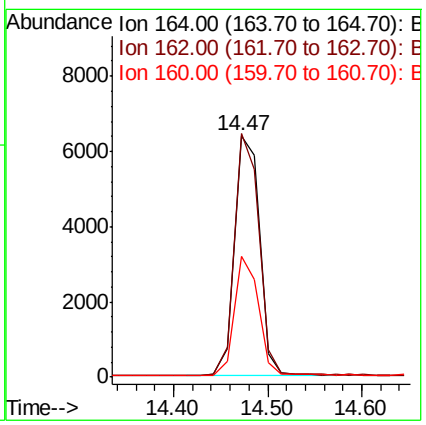


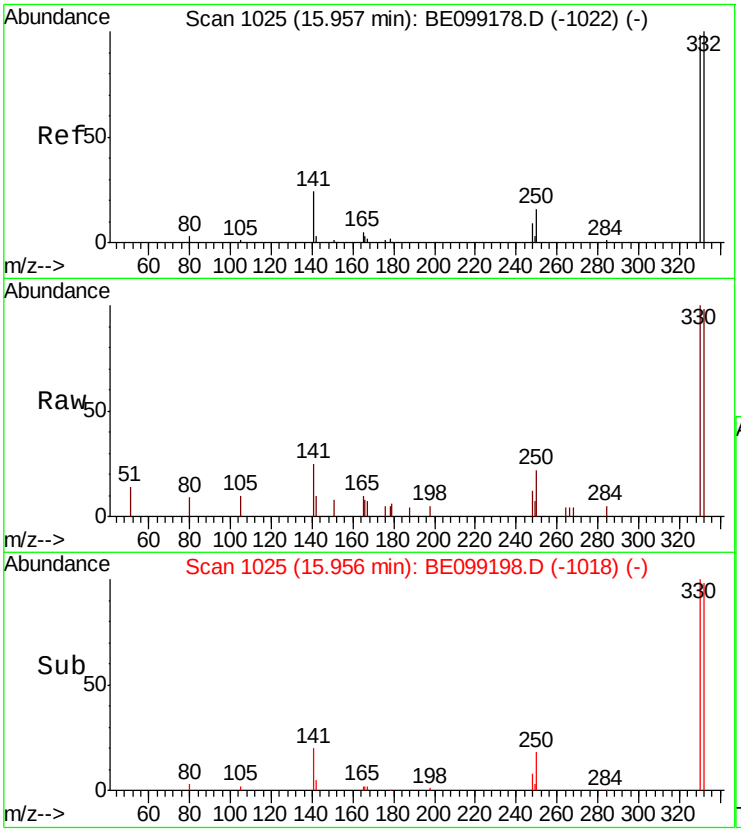


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:164 Resp: 11738

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.2	118.8
160	50.2	36.7	55.1



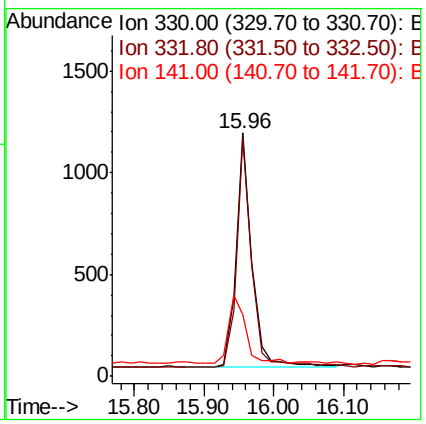


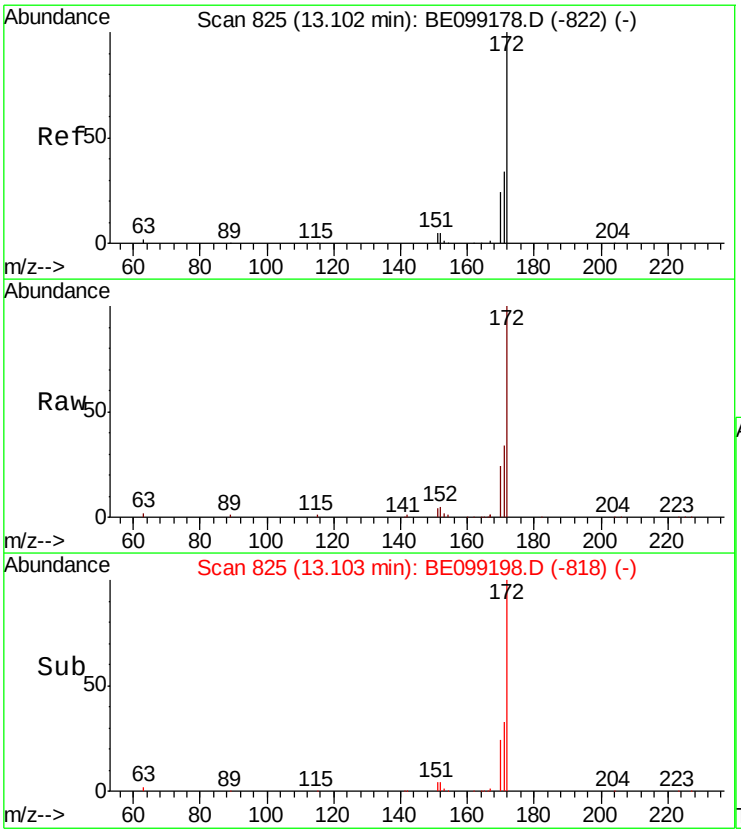
#14
2,4,6-Tribromophenol
Concen: 0.498 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:330 Resp: 1800

Ion	Ratio	Lower	Upper
330	100		
332	94.0	71.3	106.9
141	31.6	21.7	32.5

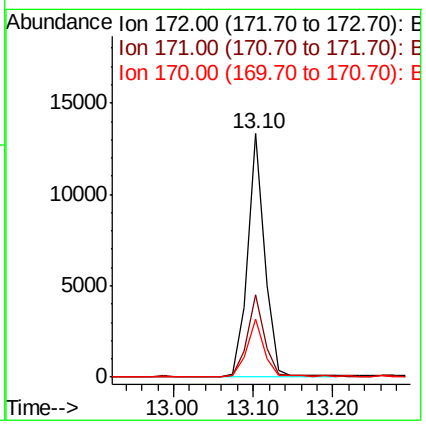


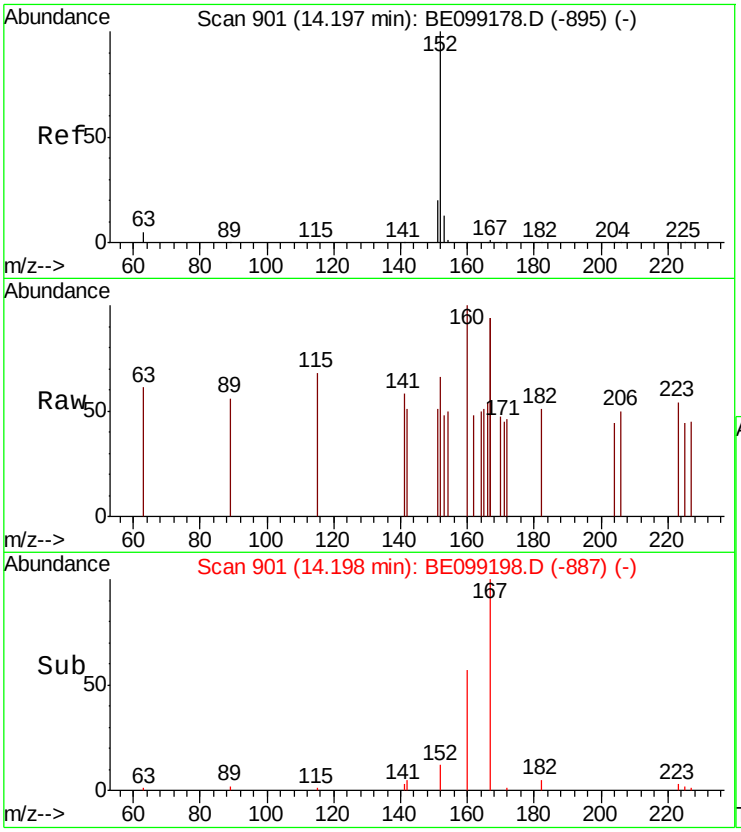


#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:172 Resp: 19521

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	23.9	19.1	28.7



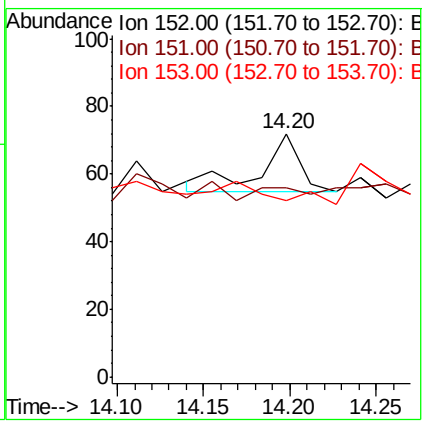


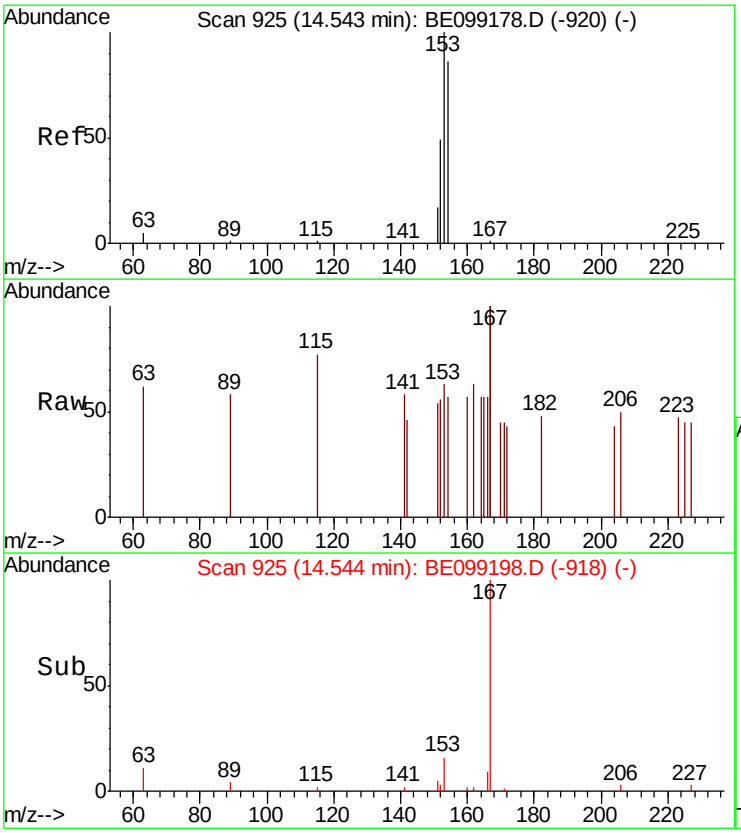
#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:152 Resp: 27

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

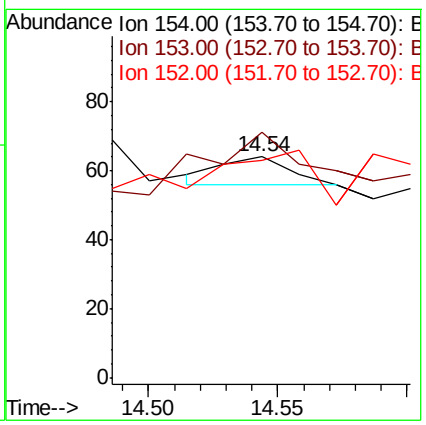


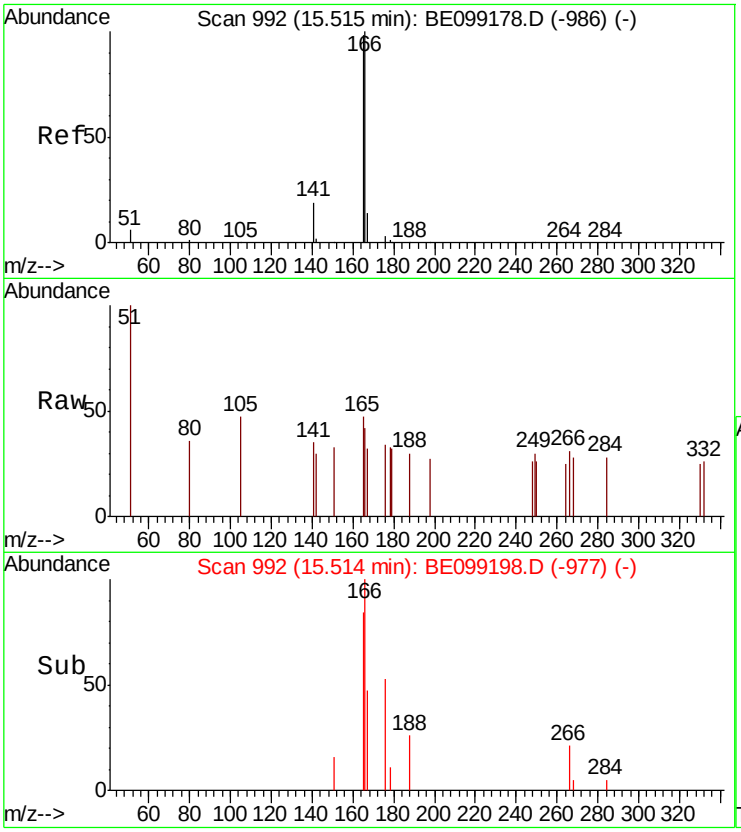


#17
Acenaphthene
Concen: 0.000 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:154 Resp: 15

Ion	Ratio	Lower	Upper
154	100		
153	320.0	93.4	140.0#
152	233.3	46.6	69.8#



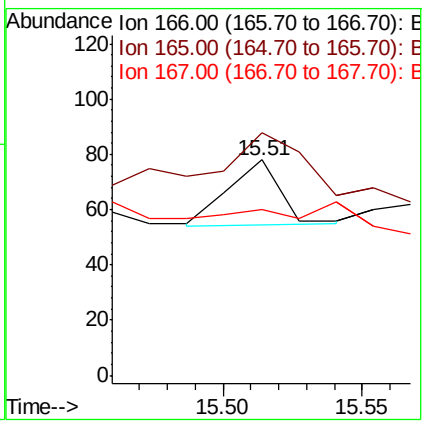


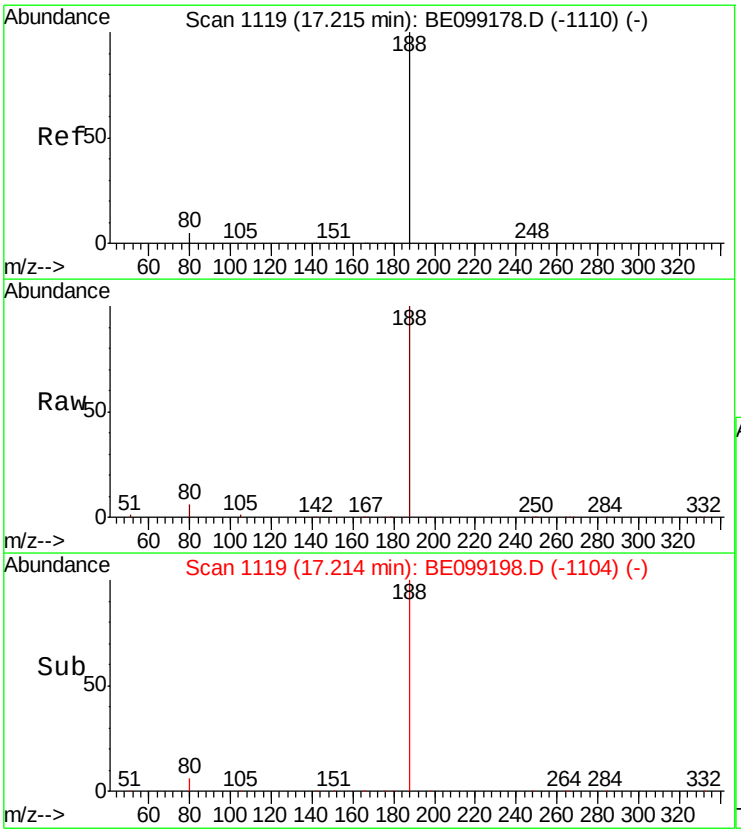
#18
Fluorene
Concen: 0.001 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:166 Resp: 31

Ion	Ratio	Lower	Upper
166	100		
165	158.1	78.9	118.3#
167	0.0	10.9	16.3#

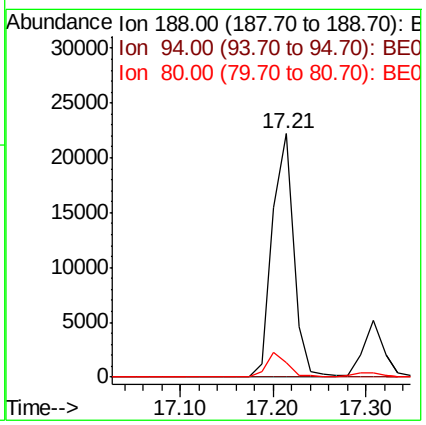


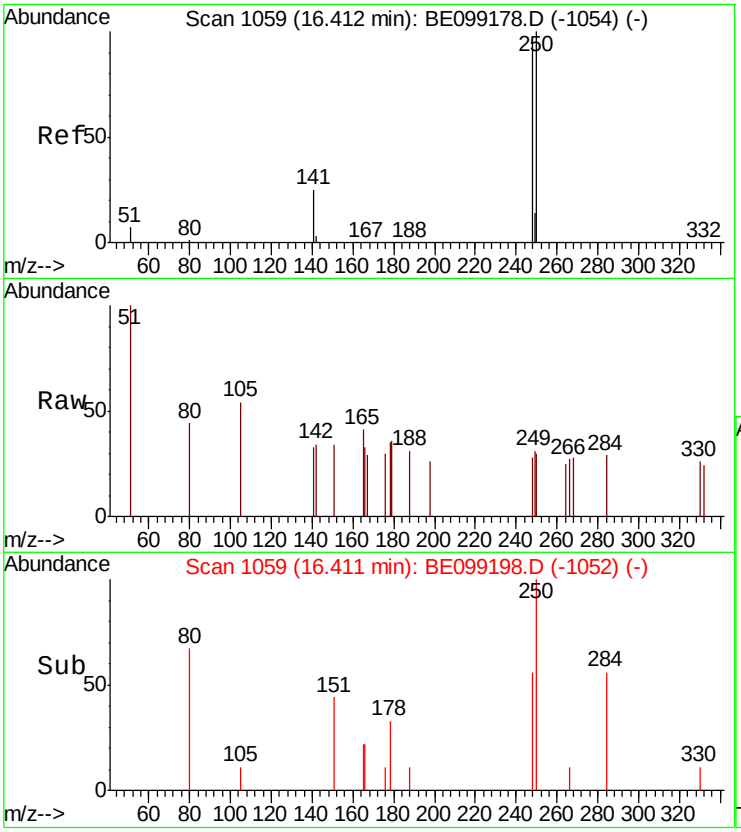


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:188 Resp: 35259

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	4.5	6.7



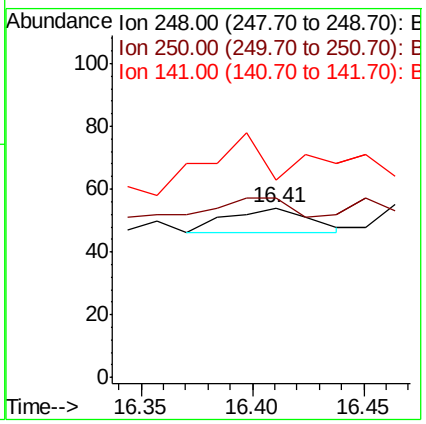


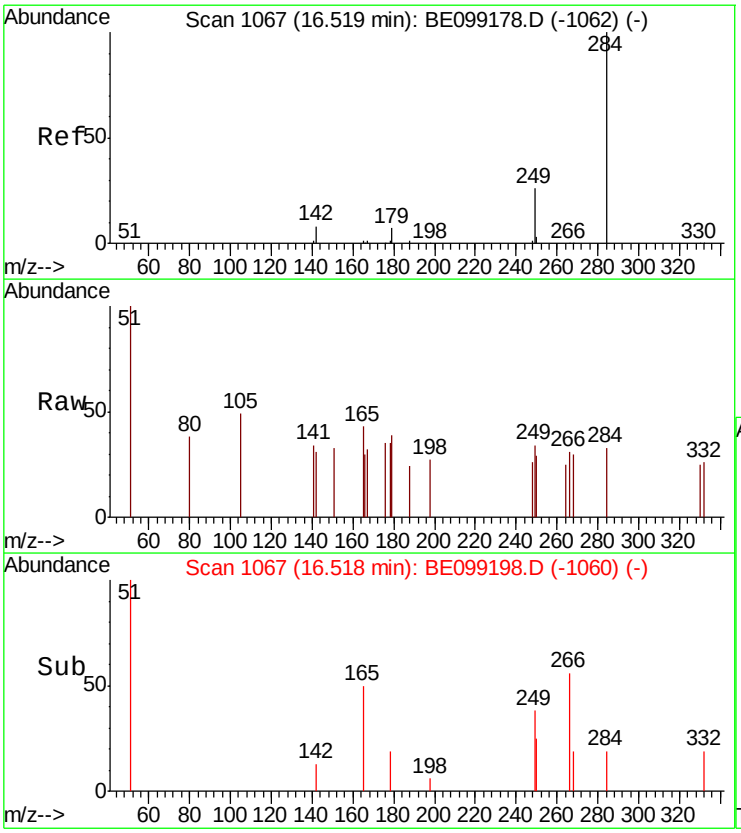
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:248 Resp: 21

Ion	Ratio	Lower	Upper
248	100		
250	105.6	84.2	126.2
141	116.7	21.8	32.6#

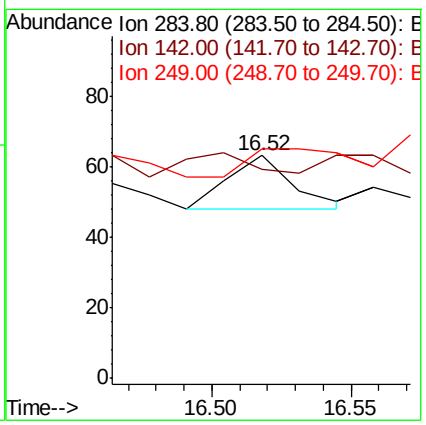


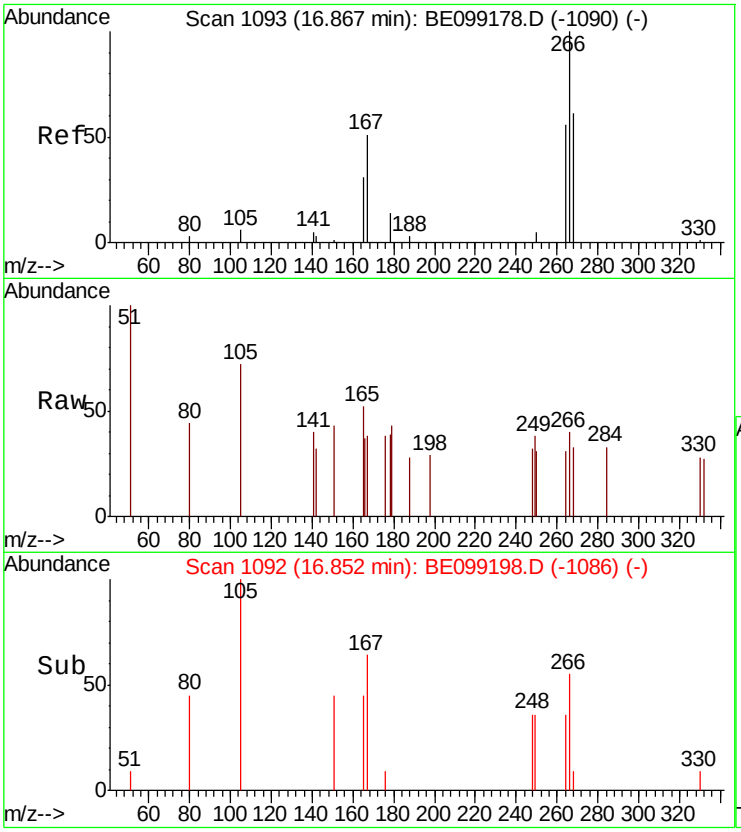


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:284 Resp: 24

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.7	34.1#
249	87.5	26.9	40.3#



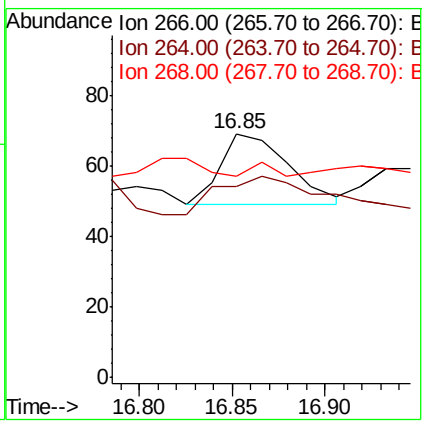


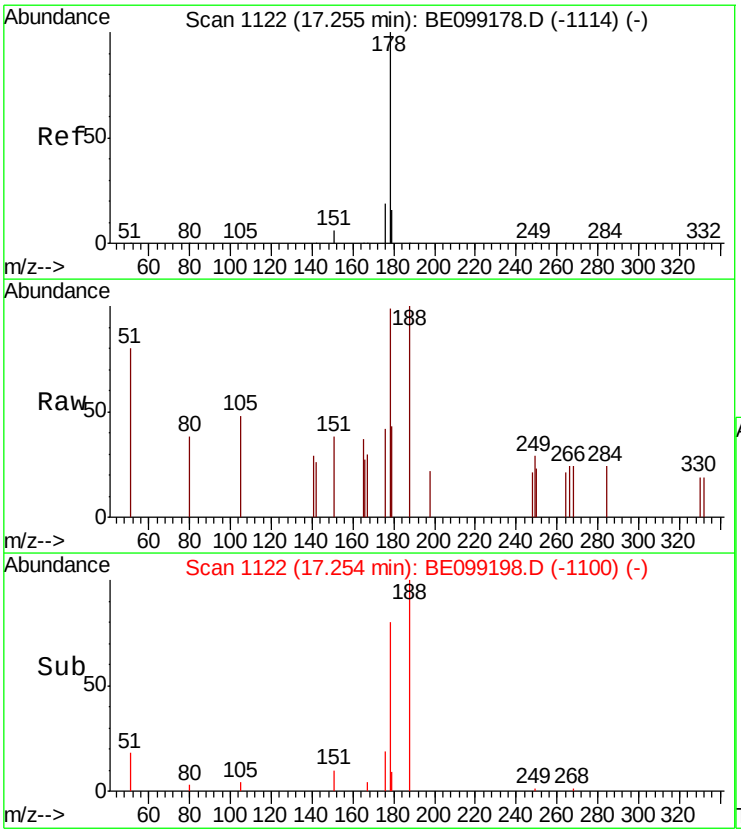
#22
Pentachlorophenol
Concen: 0.255 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:266 Resp: 51

Ion	Ratio	Lower	Upper
266	100		
264	78.3	54.4	81.6
268	82.6	61.3	91.9

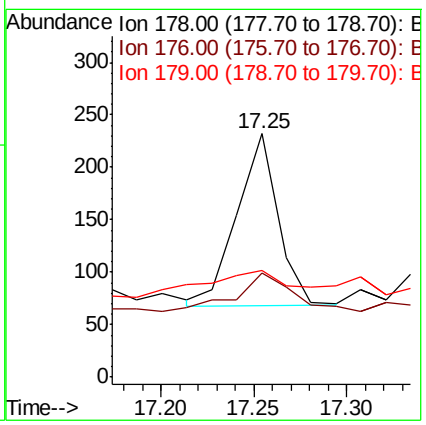


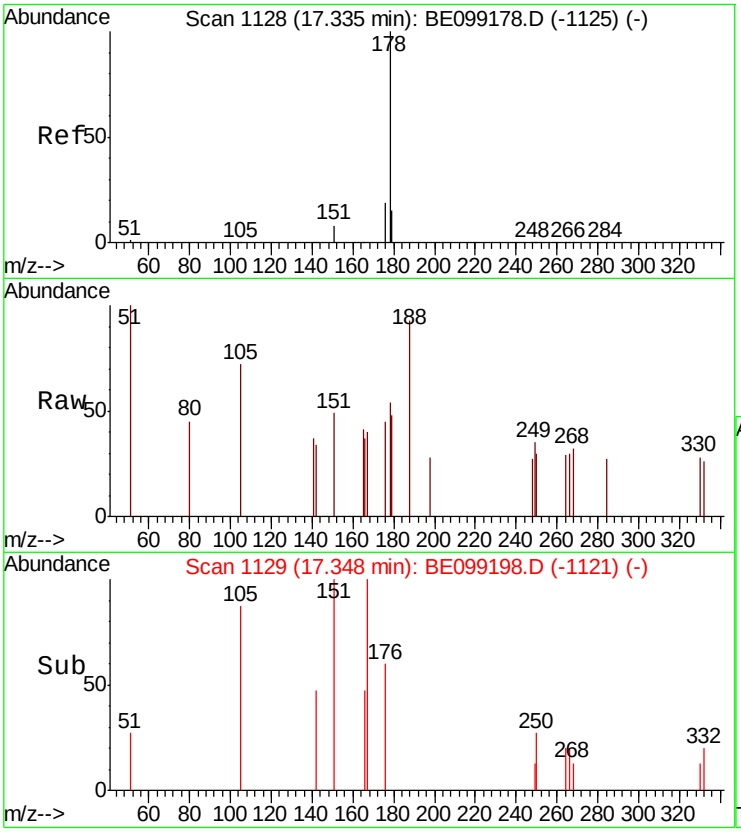


#23
Phenanthrene
Concen: 0.002 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:178 Resp: 254

Ion	Ratio	Lower	Upper
178	100		
176	30.7	15.4	23.2#
179	36.6	12.3	18.5#



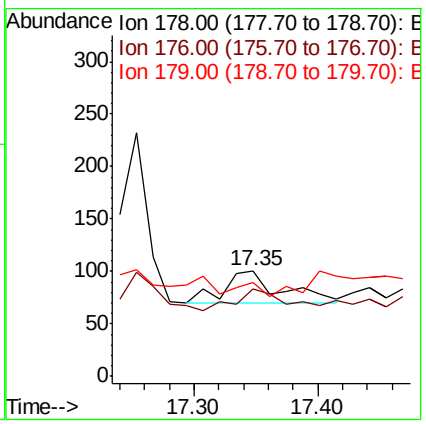


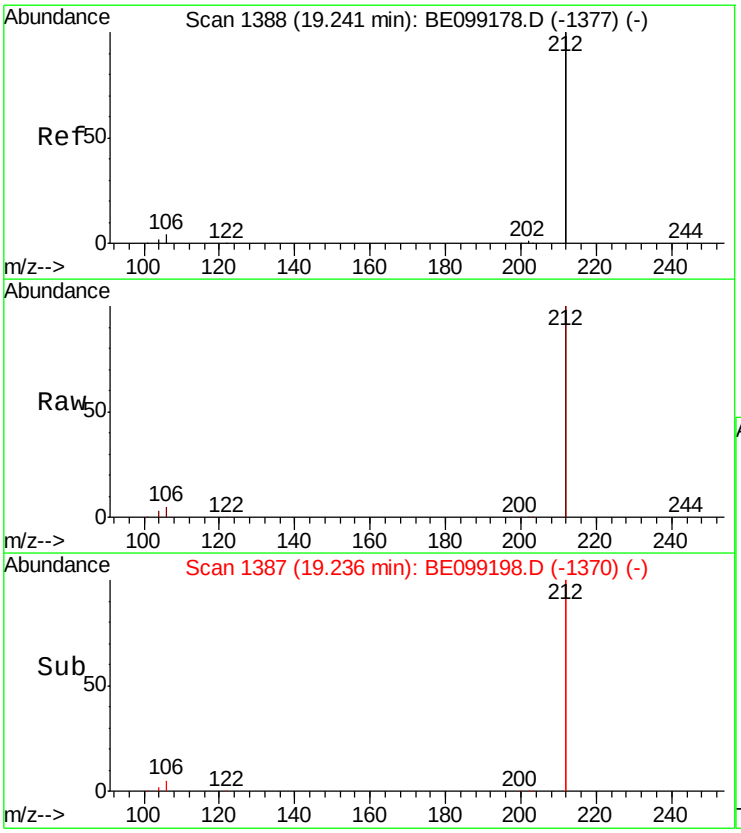
#24
Anthracene
Concen: 0.001 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:178 Resp: 98

Ion	Ratio	Lower	Upper
178	100		
176	56.1	15.1	22.7#
179	0.0	12.4	18.6#

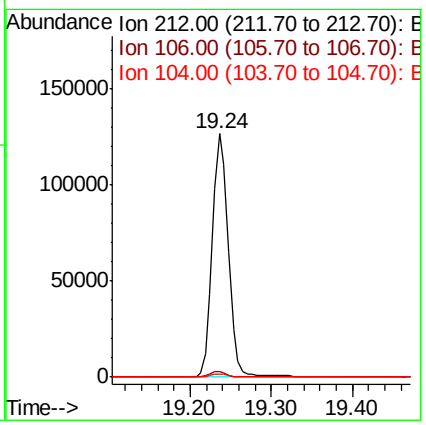


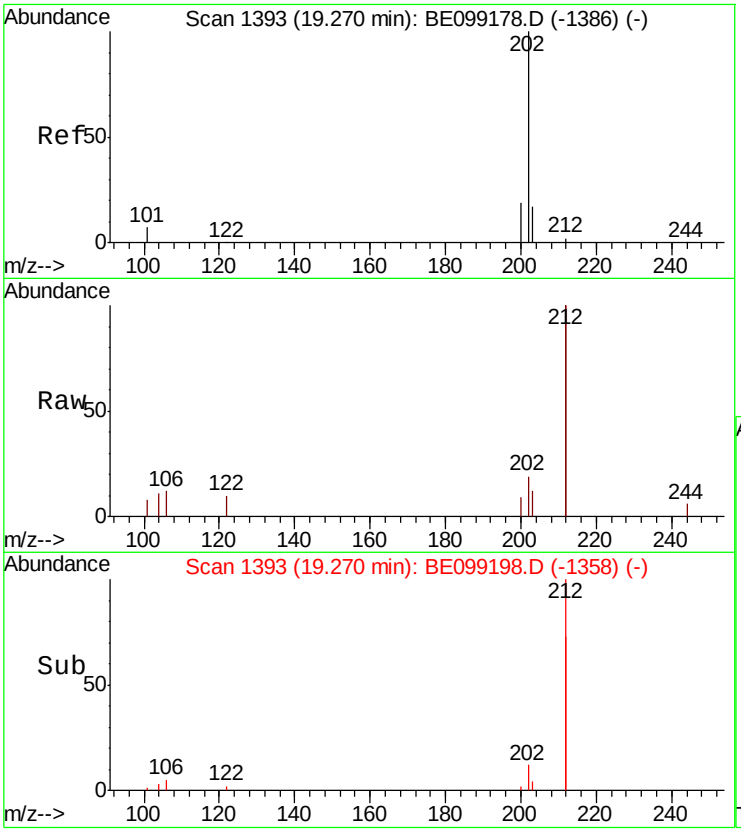


#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:212 Resp: 172693

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.1	1.7



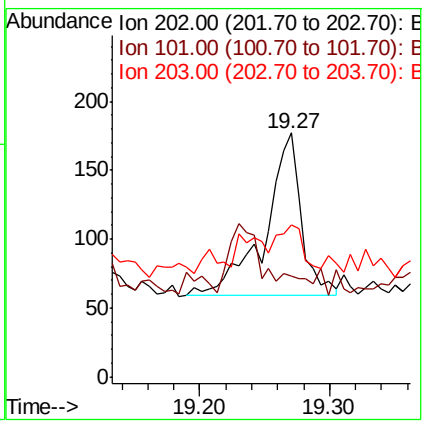


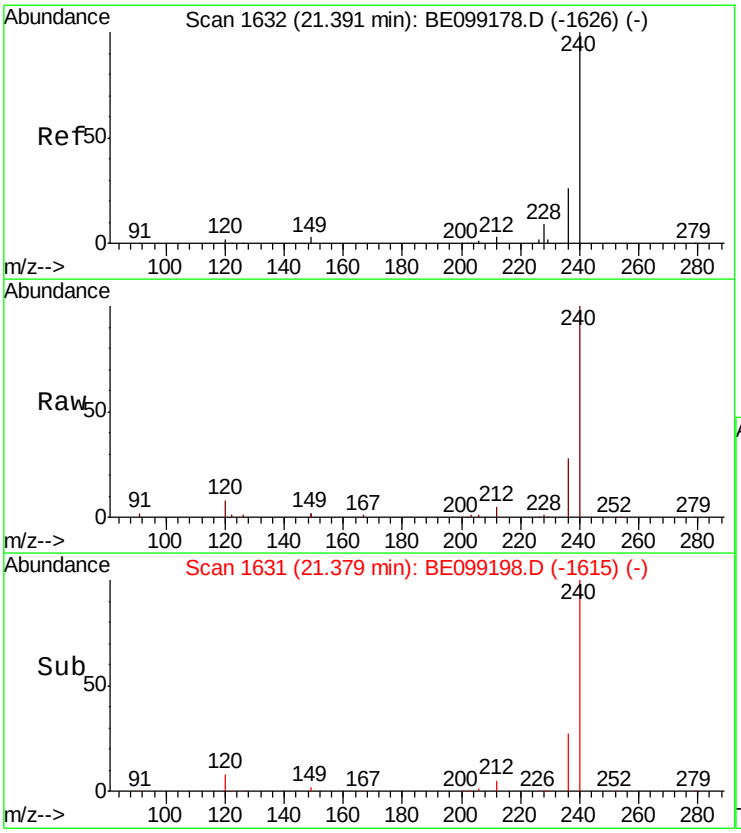
#26
Fluoranthene
Concen: 0.002 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:202 Resp: 228

Ion	Ratio	Lower	Upper
202	100		
101	0.0	7.0	10.4#
203	21.5	13.8	20.6#

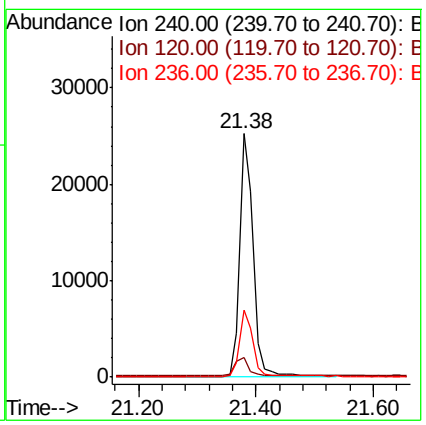


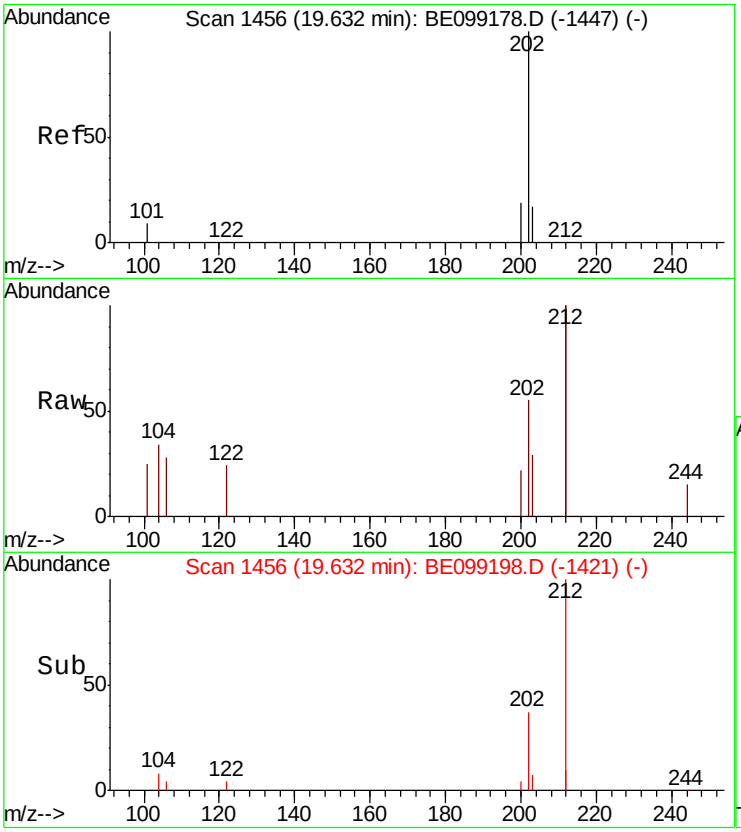


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:240 Resp: 40081

Ion	Ratio	Lower	Upper
240	100		
120	8.3	2.6	3.8#
236	27.5	20.9	31.3



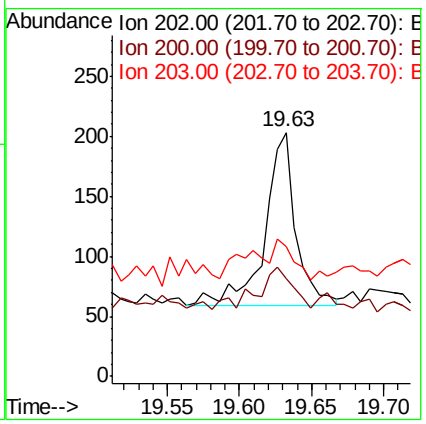


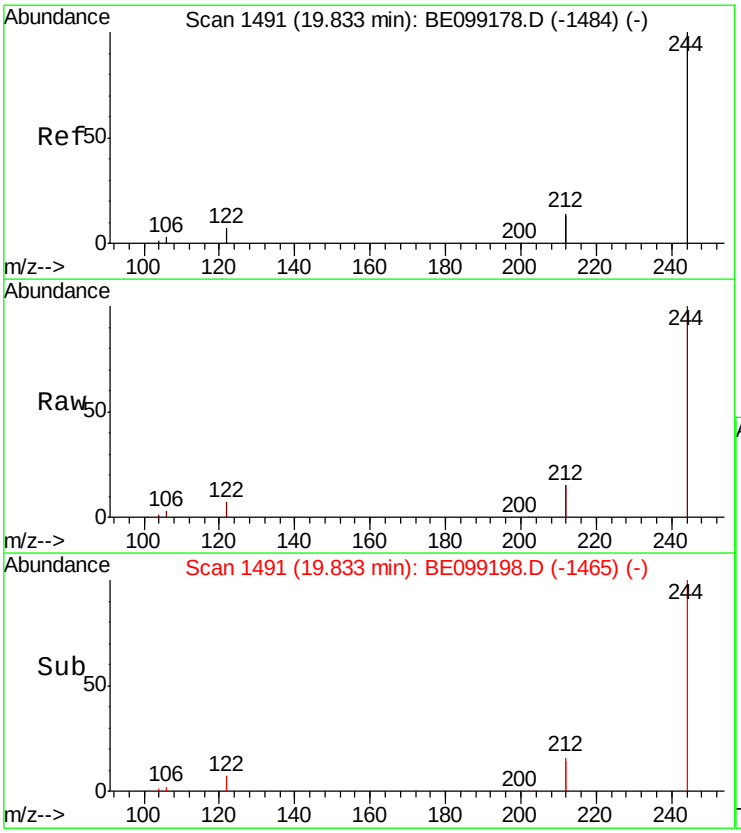
#28
Pyrene
Concen: 0.002 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:202 Resp: 218

Ion	Ratio	Lower	Upper
202	100		
200	27.5	15.8	23.8#
203	13.8	14.1	21.1#

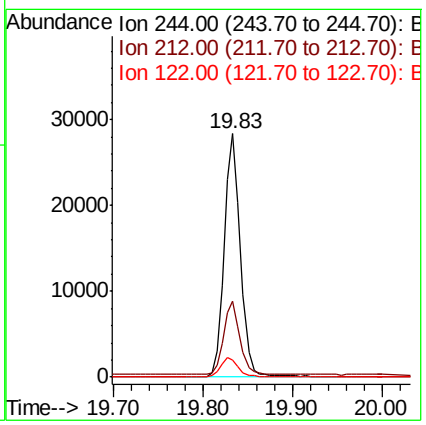


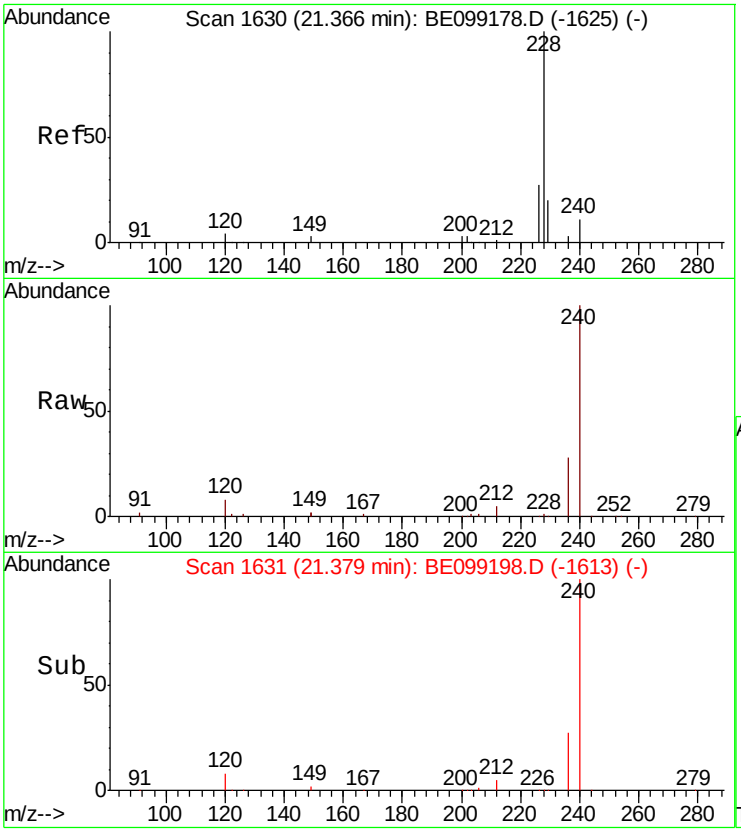


#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:244 Resp: 34668

Ion	Ratio	Lower	Upper
244	100		
212	30.9	22.7	34.1
122	7.2	5.8	8.6



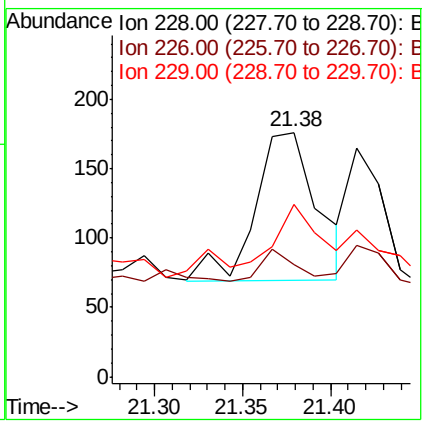


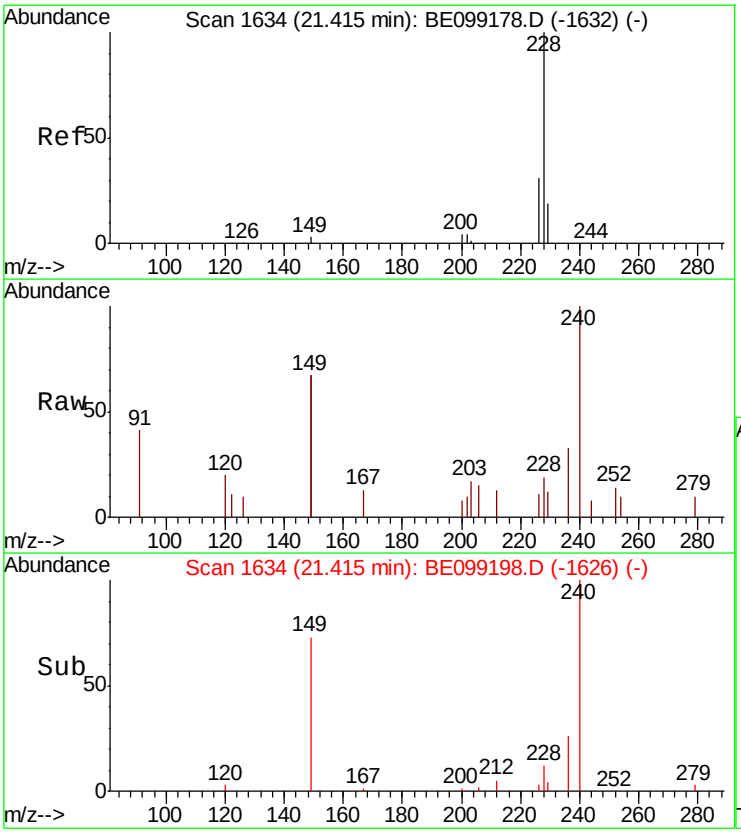
#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:228 Resp: 262

Ion	Ratio	Lower	Upper
228	100		
226	46.0	21.7	32.5#
229	70.5	15.9	23.9#

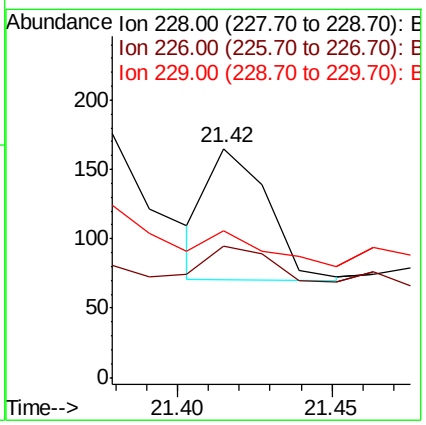


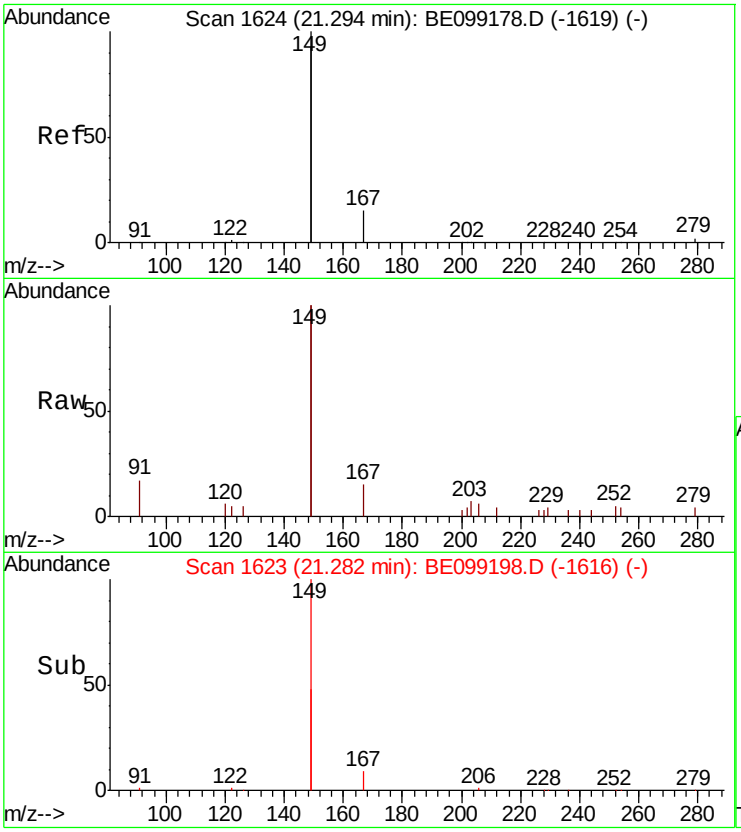


#31
Chrysene
Concen: 0.001 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:228 Resp: 125

Ion	Ratio	Lower	Upper
228	100		
226	57.6	24.8	37.2#
229	64.2	15.4	23.0#



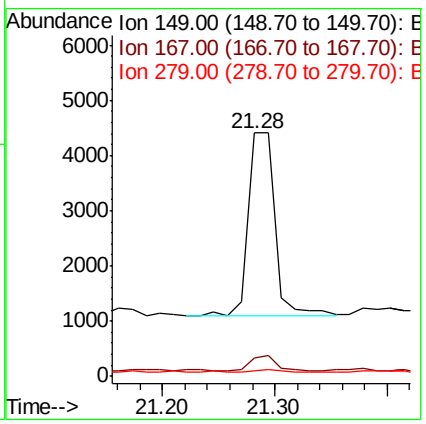


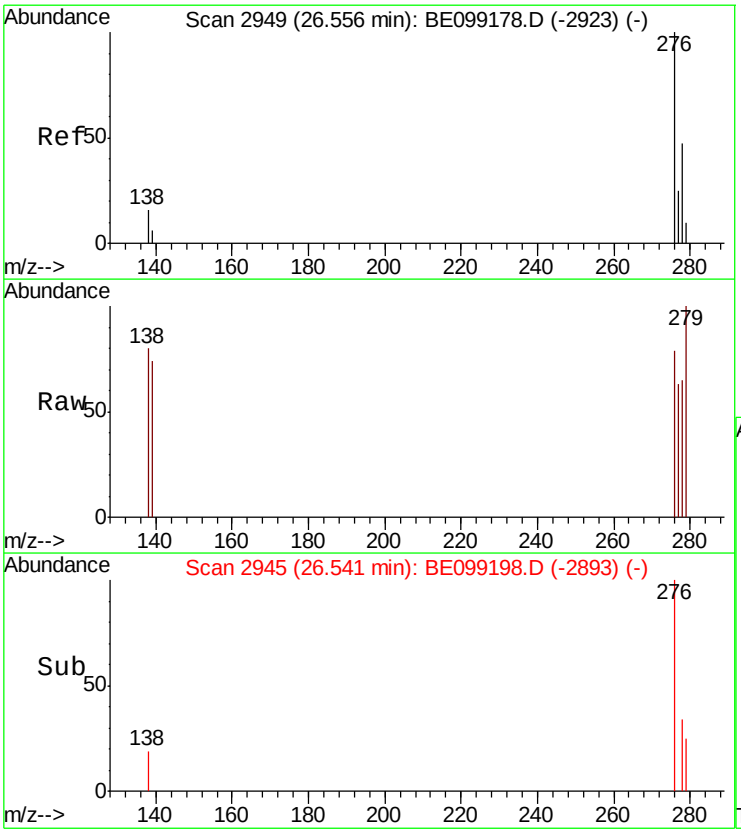
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.035 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:149 Resp: 5600

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

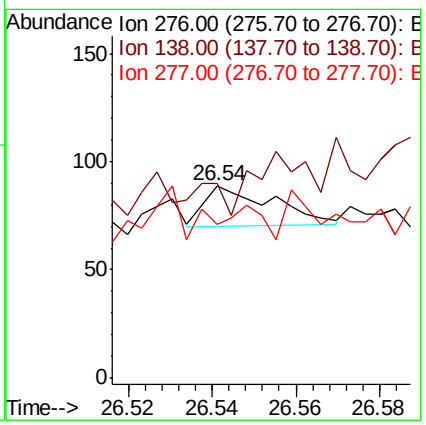


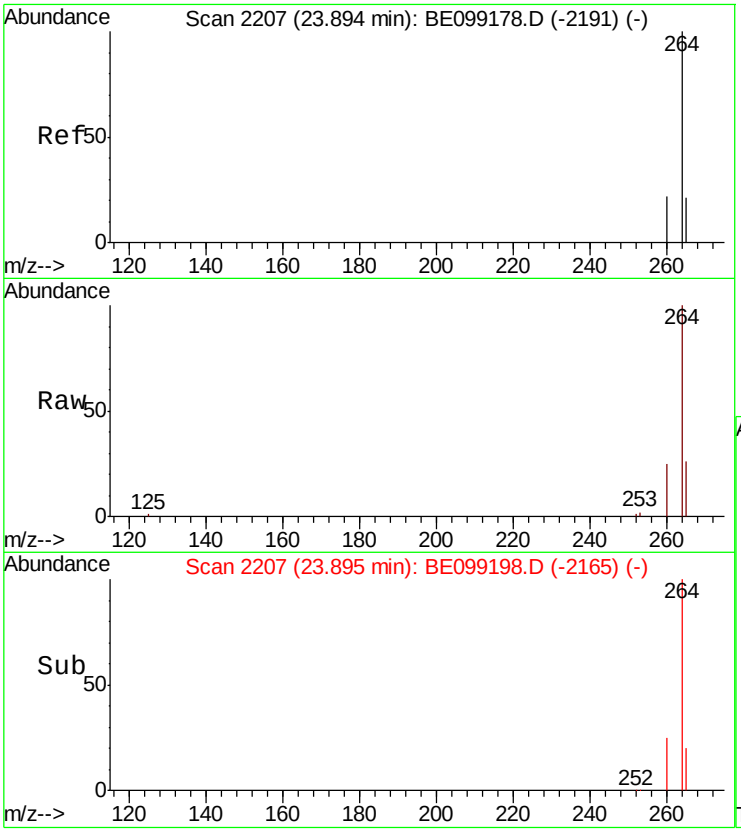


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.02 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:276 Resp: 21

Ion	Ratio	Lower	Upper
276	100		
138	28.6	12.9	19.3#
277	38.1	18.3	27.5#



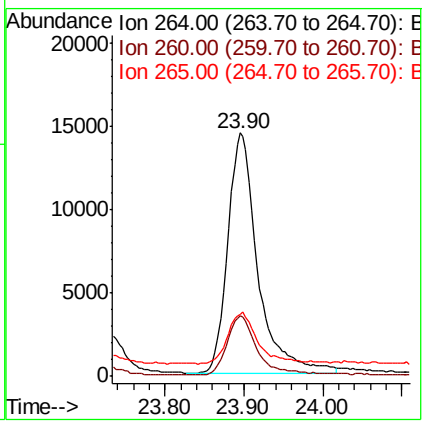


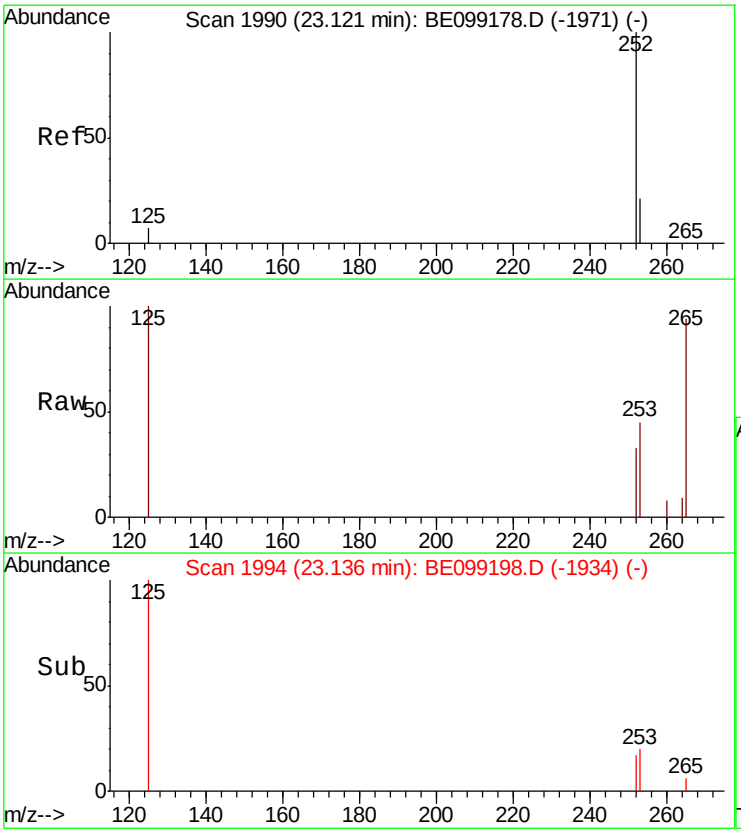
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:264 Resp: 38027

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	25.5	21.8	32.8

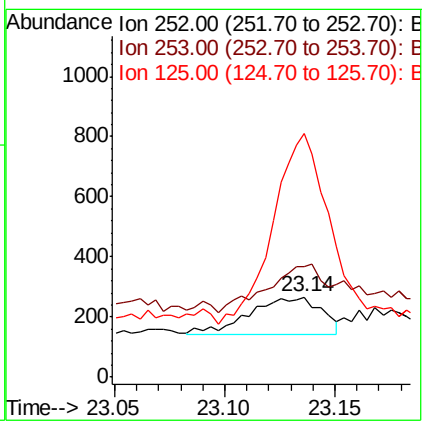


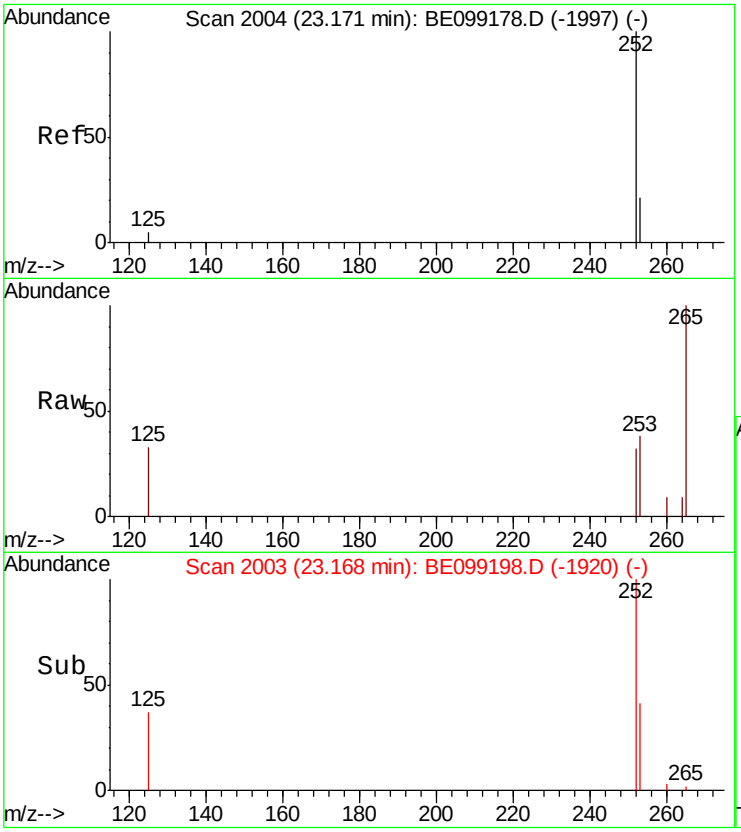


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.02 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:252 Resp: 284

Ion	Ratio	Lower	Upper
252	100		
253	138.0	17.8	26.8#
125	304.5	6.1	9.1#



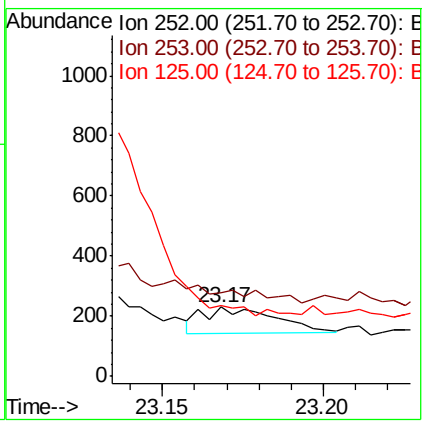


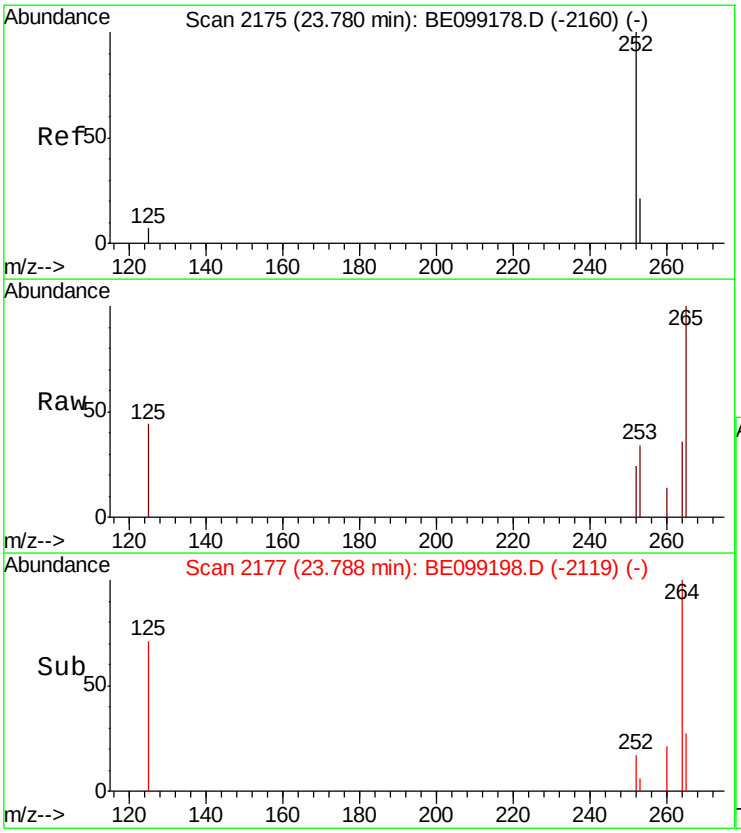
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:252 Resp: 135

Ion	Ratio	Lower	Upper
252	100		
253	120.8	17.8	26.6#
125	102.6	5.9	8.9#

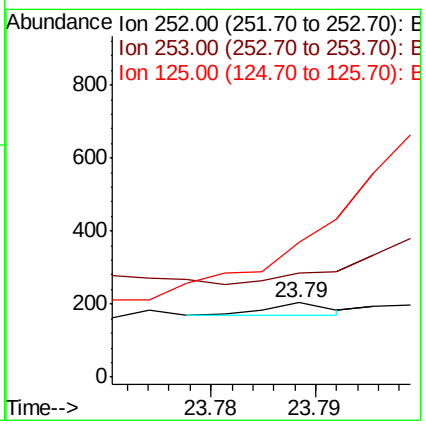


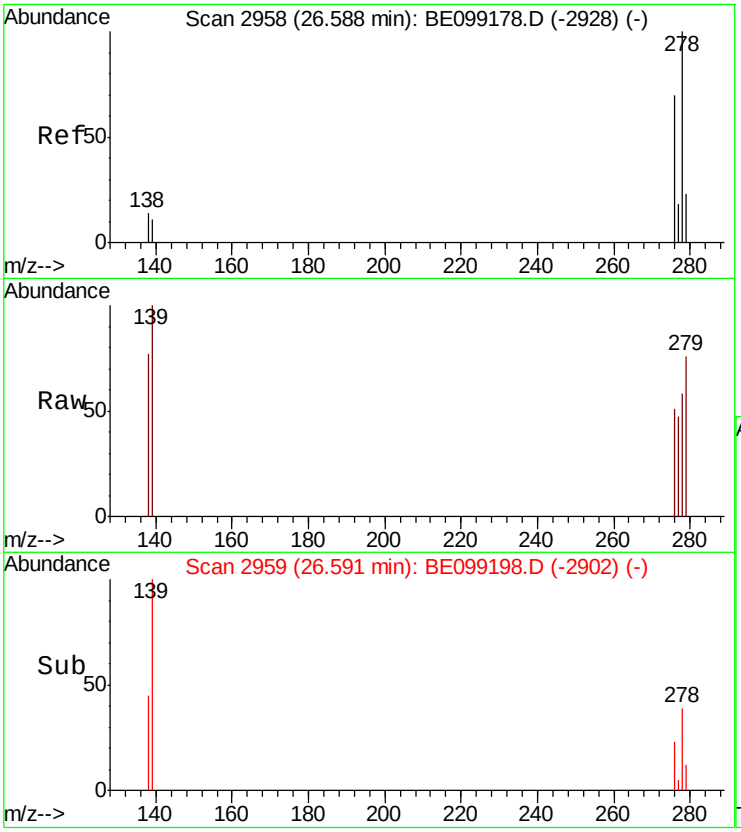


#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	139.7	18.1	27.1#
125	181.4	6.8	10.2#



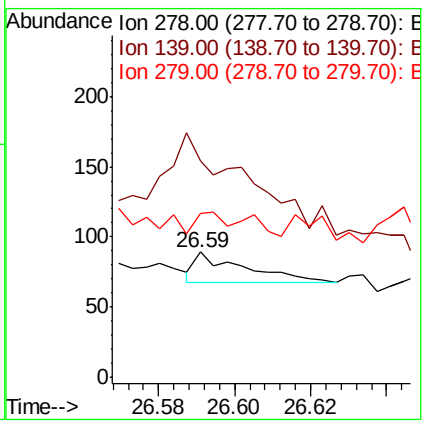


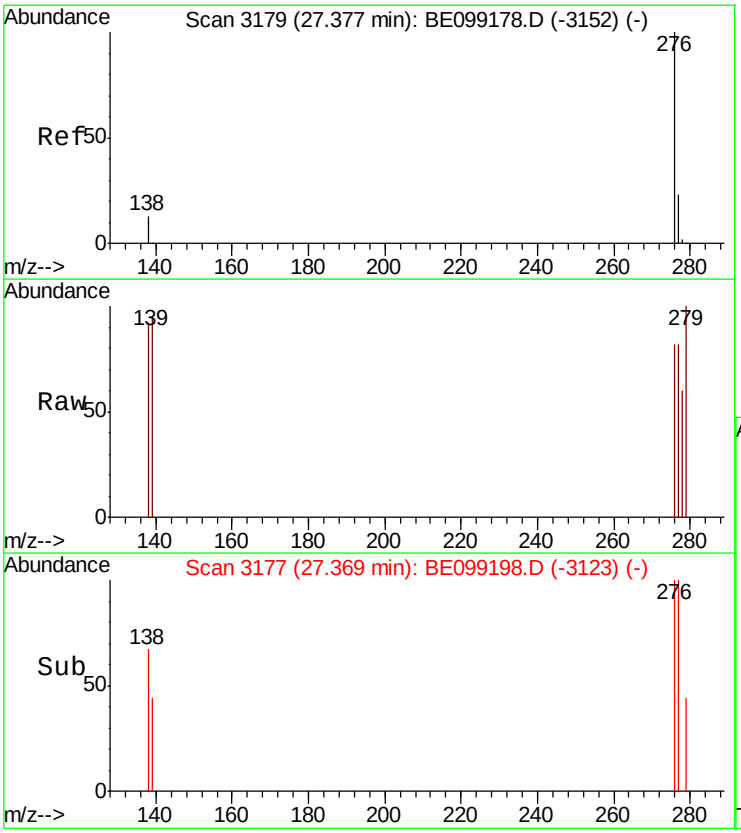
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.59 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:278 Resp: 21

Ion	Ratio	Lower	Upper
278	100		
139	173.0	9.5	14.3#
279	131.5	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: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:276 Resp: 9

Ion	Ratio	Lower	Upper
276	100		
277	100.0	19.0	28.4#
138	113.1	11.1	16.7#