Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099868.D
Acq On : 8 Jun 2019 00:30
Operator : JU/SJ
Sample : K3249-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-DUP04-20190606

Quant Time: Jun 08 04:34:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	630	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2078	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1551	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5030	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9557	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11615	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	288	0.14	ng	0.00
5) Phenol-d6	6.97	99	215	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	827	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1349	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	447	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2885	0.51	ng	0.00
25) Fluoranthene-d10	19.25	212	30582	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	9451	0.53	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	47	0.033	ng	# 30
3) n-Nitrosodimethylamine	3.60	42	17	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	13	0.007	ng	# 1
9) Naphthalene	10.67	128	55	0.002	ng	# 47
10) Hexachlorobutadiene	10.90	225	6	0.004	ng	# 11
12) 2-Methylnaphthalene	12.27	142	2	0.001	ng	# 53
16) Acenaphthylene	14.20	152	16	0.002	ng	# 47
17) Acenaphthene	14.54	154	3	0.001	ng	# 2
18) Fluorene	15.53	166	10	0.002	ng	# 1
20) 4-Bromophenyl-phenylether	16.38	248	3	0.001	ng	# 63
21) Hexachlorobenzene	16.49	284	2	0.001	ng	# 1
22) Pentachlorophenol	16.88	266	52	0.280	ng	94
23) Phenanthrene	17.25	178	52	0.004	ng	# 83
24) Anthracene	17.36	178	32	0.003	ng	# 9
26) Fluoranthene	19.28	202	164	0.007	ng	# 91
28) Pyrene	19.64	202	156	0.006	ng	# 90
30) Benzo(a)anthracene	21.39	228	223	0.007	ng	# 11
31) Chrysene	21.44	228	171	0.006	ng	# 25
32) Bis(2-ethylhexyl)phthalate	21.29	149	1584	0.032	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.62	276	82	0.002	ng	# 70
35) Benzo(b)fluoranthene	23.16	252	318	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	318	0.010	ng	# 1
37) Benzo(a)pyrene	23.81	252	143	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	16	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.46	276	133	0.004	ng	# 1

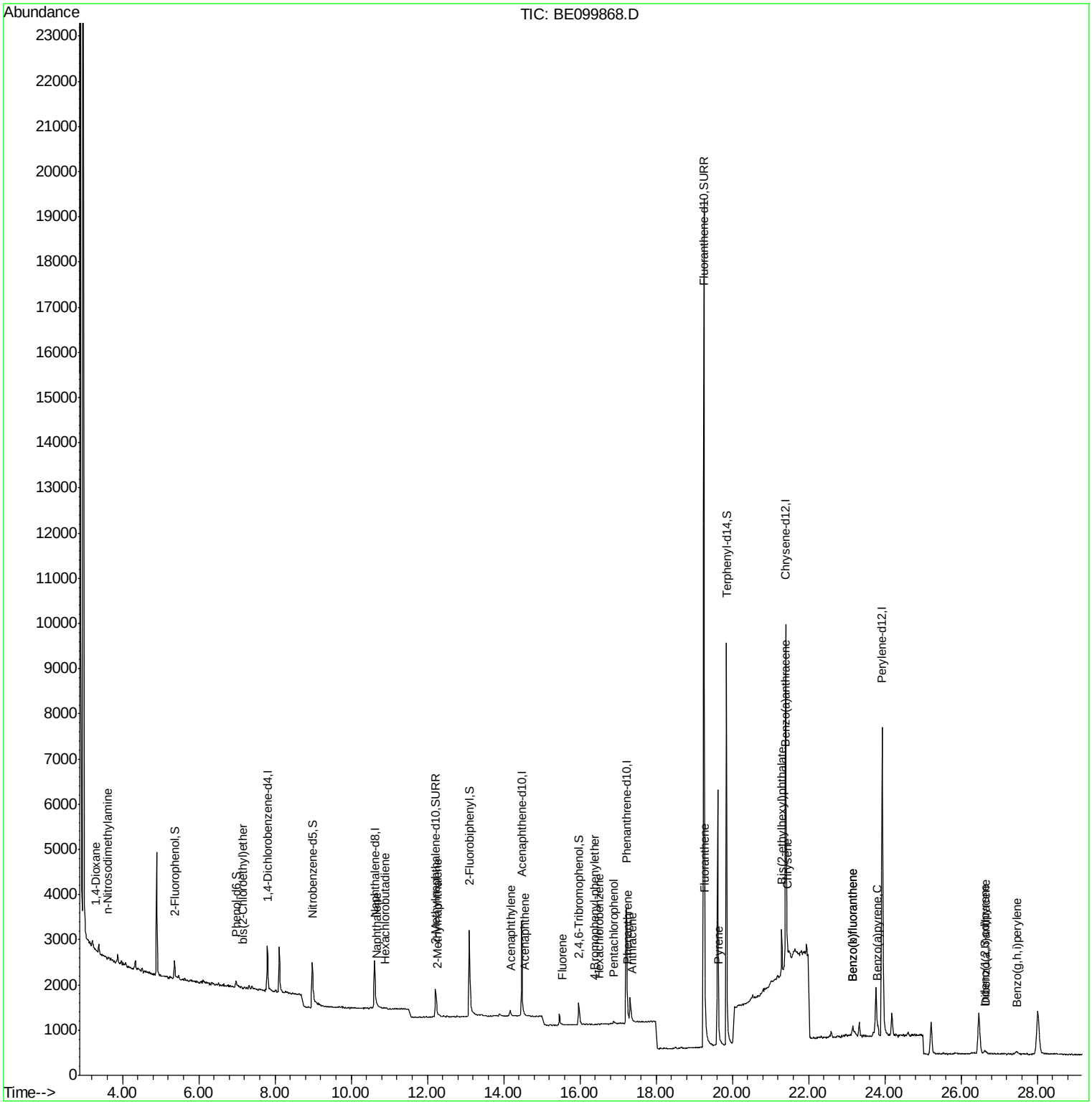
(#) = qualifier out of range (m) = manual integration (+) = signals summed

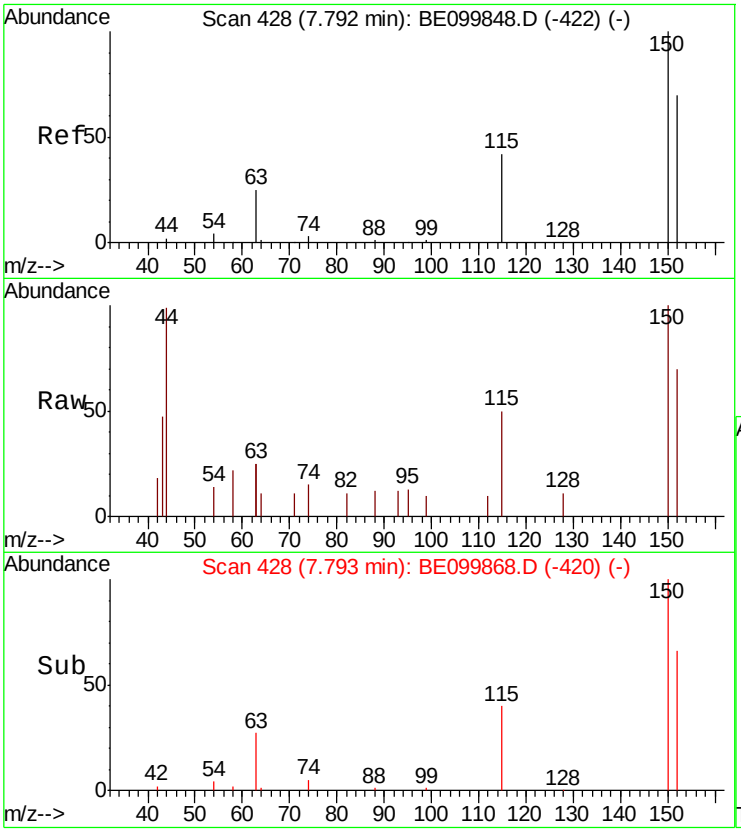
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099868.D
Acq On : 8 Jun 2019 00:30
Operator : JU/SJ
Sample : K3249-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Quant Time: Jun 08 04:34:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration



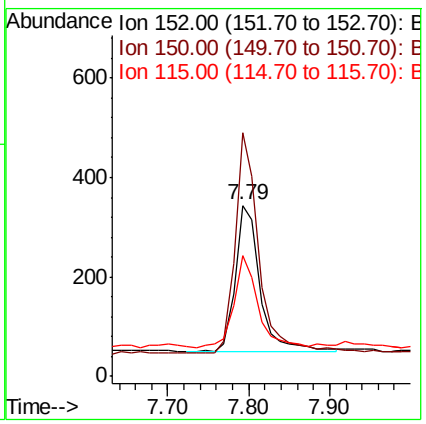


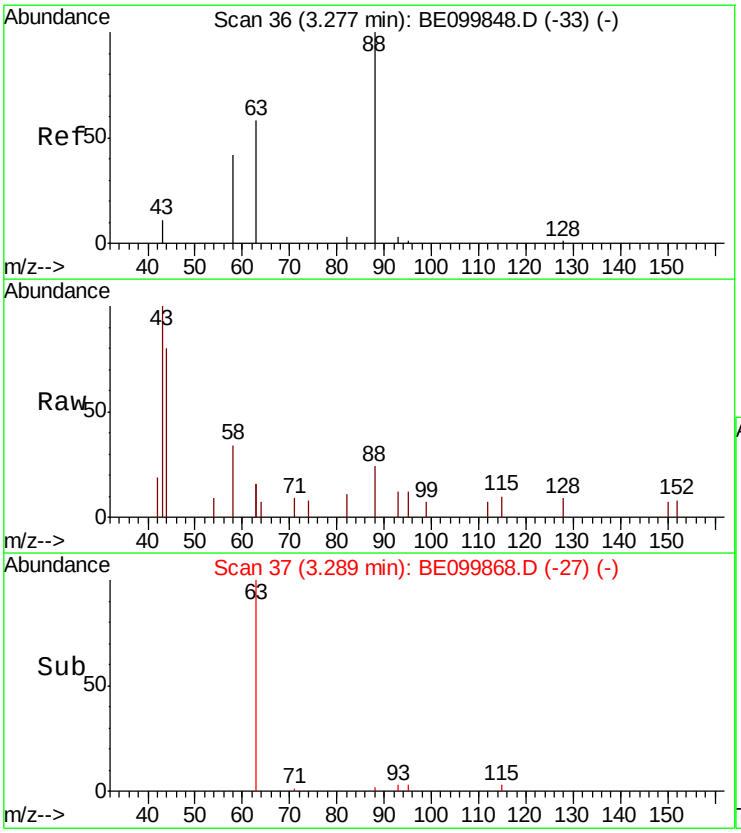
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:152 Resp: 630

Ion	Ratio	Lower	Upper
152	100		
150	142.4	112.8	169.2
115	70.6	47.6	71.4

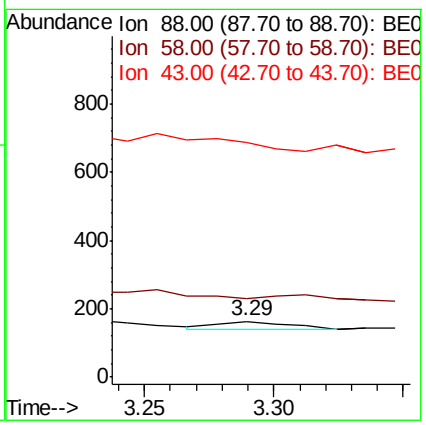


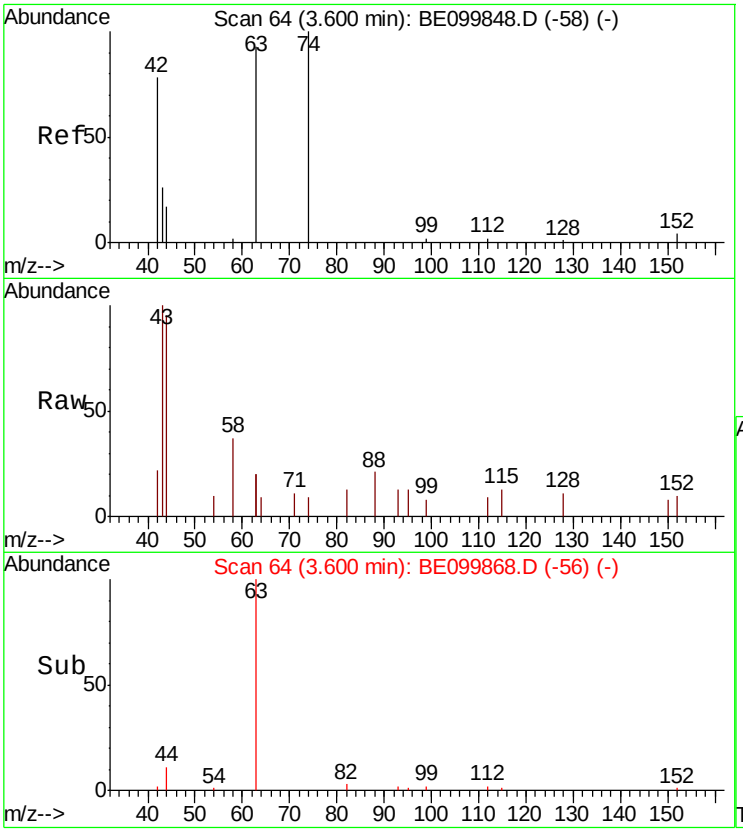


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
58	0.0	47.3	70.9#
43	0.0	18.2	27.4#



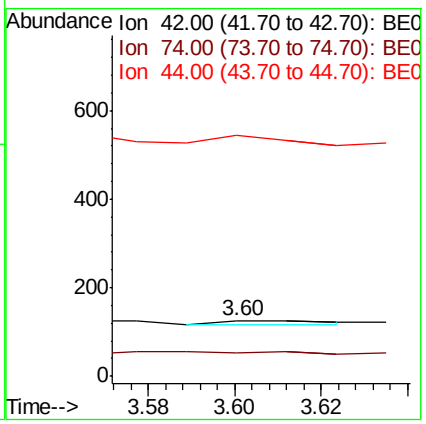


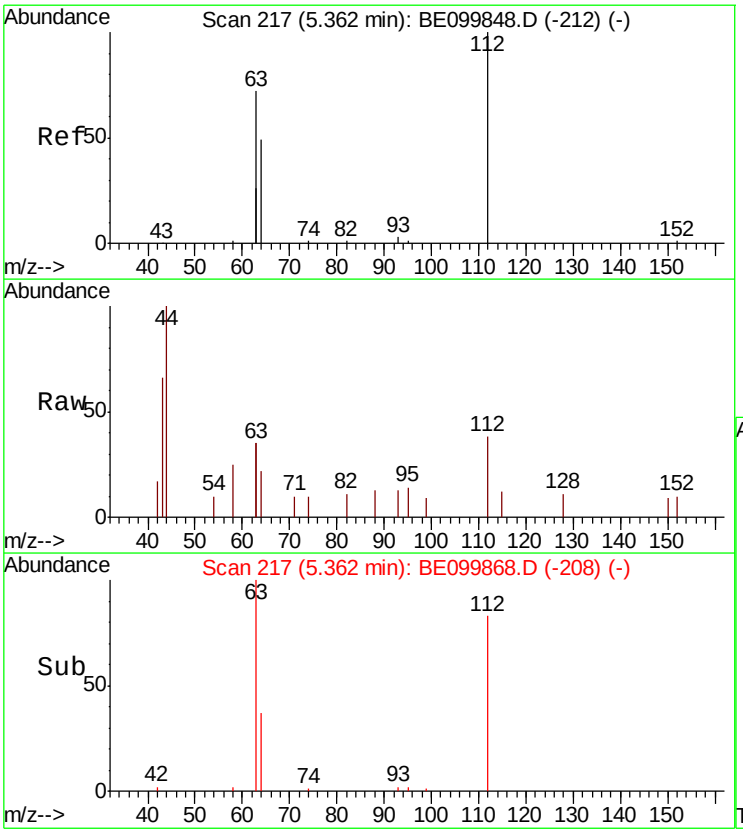
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	152.9	13.4	20.0#

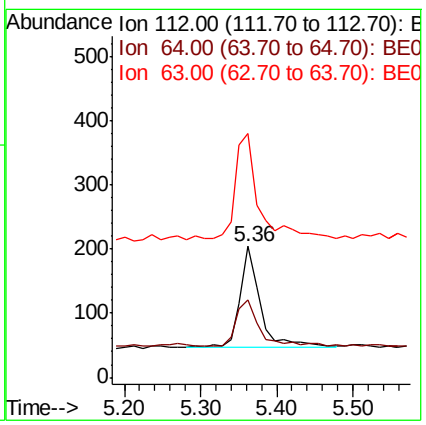


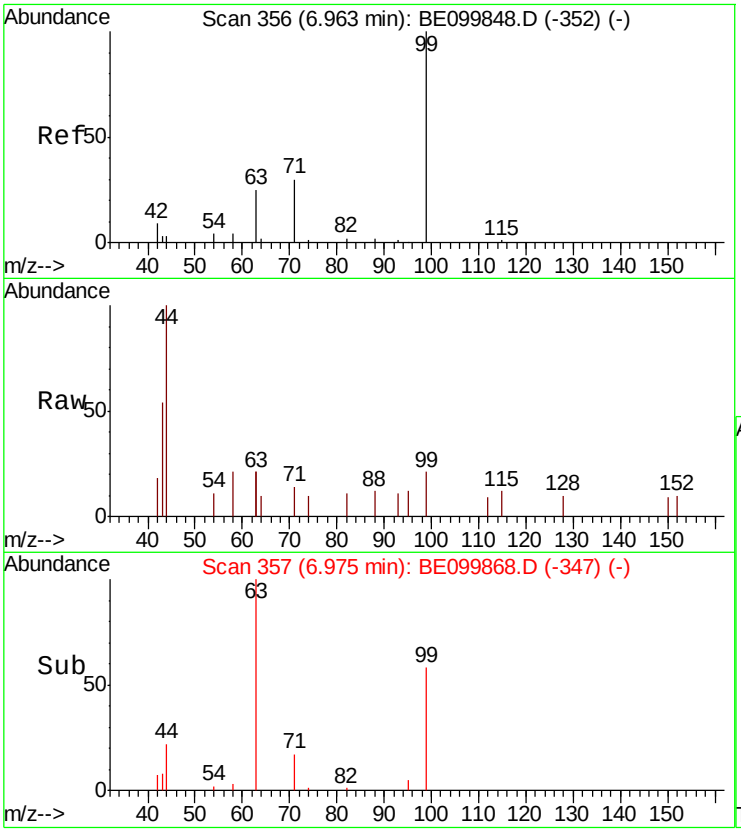


#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:112 Resp: 288

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.2	70.8
63	118.4	90.7	136.1



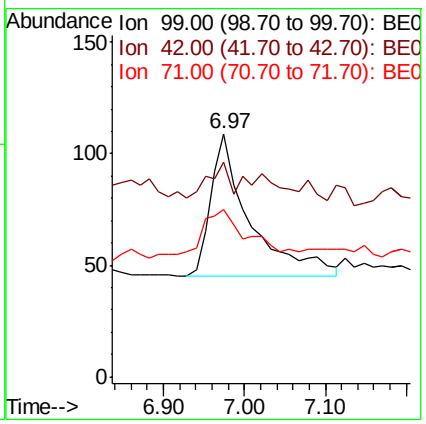


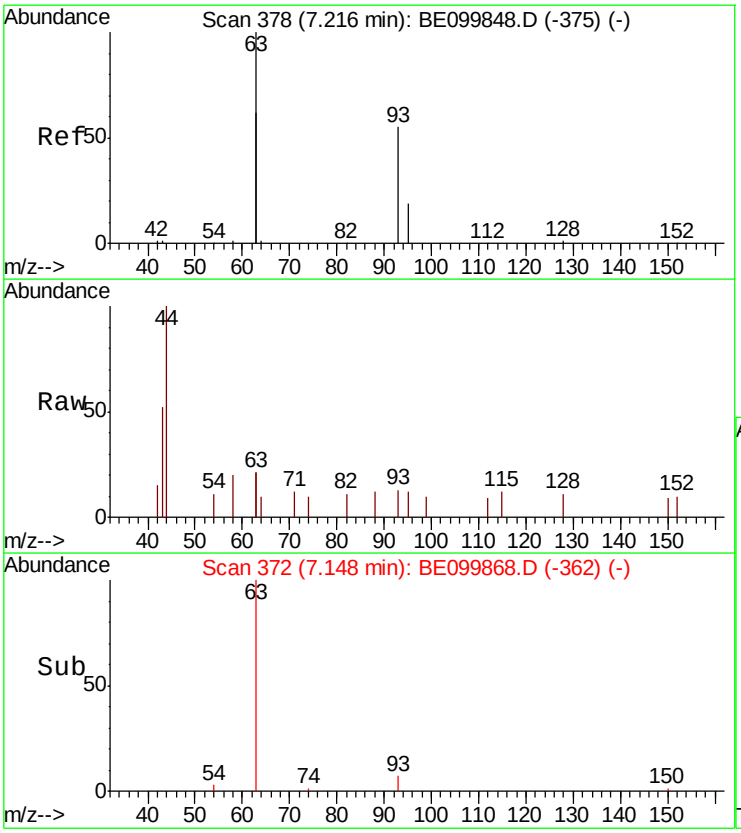
#5
Phenol-d6
Concen: 0.083 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion: 99 Resp: 215

Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.0	16.4
71	42.8	26.1	39.1#

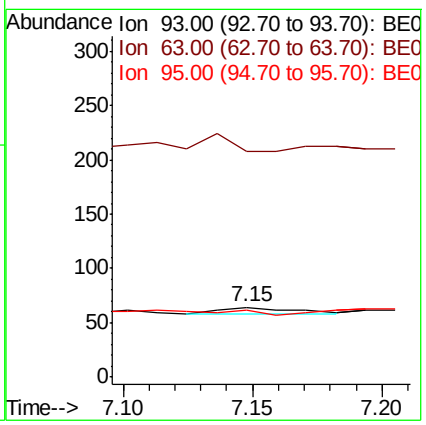


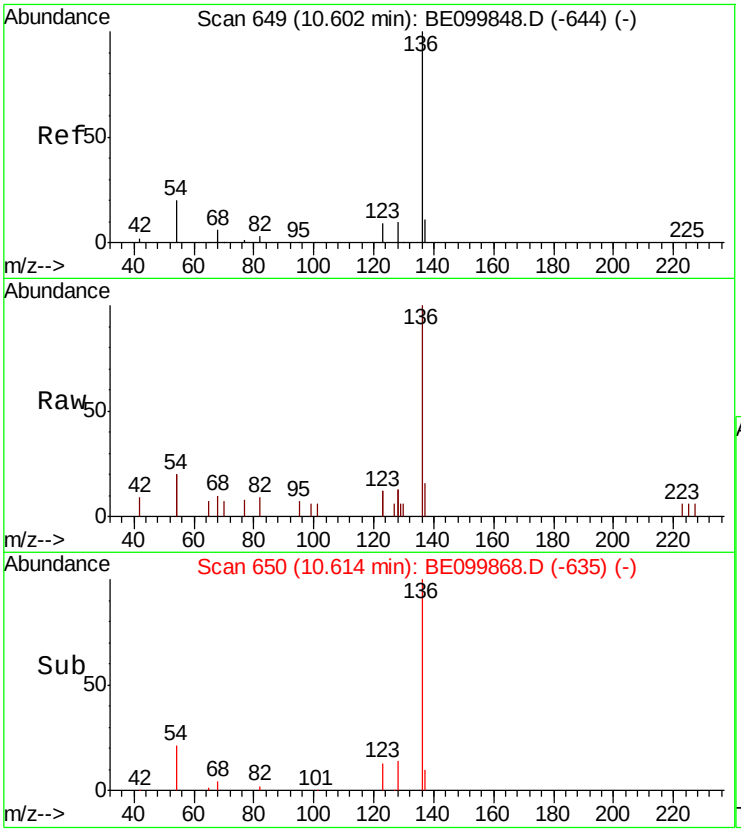


#6
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.08 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion: 93 Resp: 13

Ion	Ratio	Lower	Upper
93	100		
63	0.0	208.8	313.2#
95	0.0	27.6	41.4#



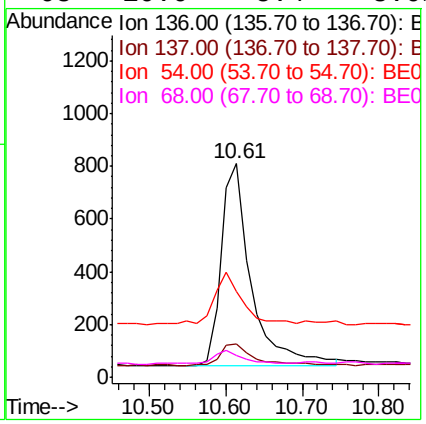


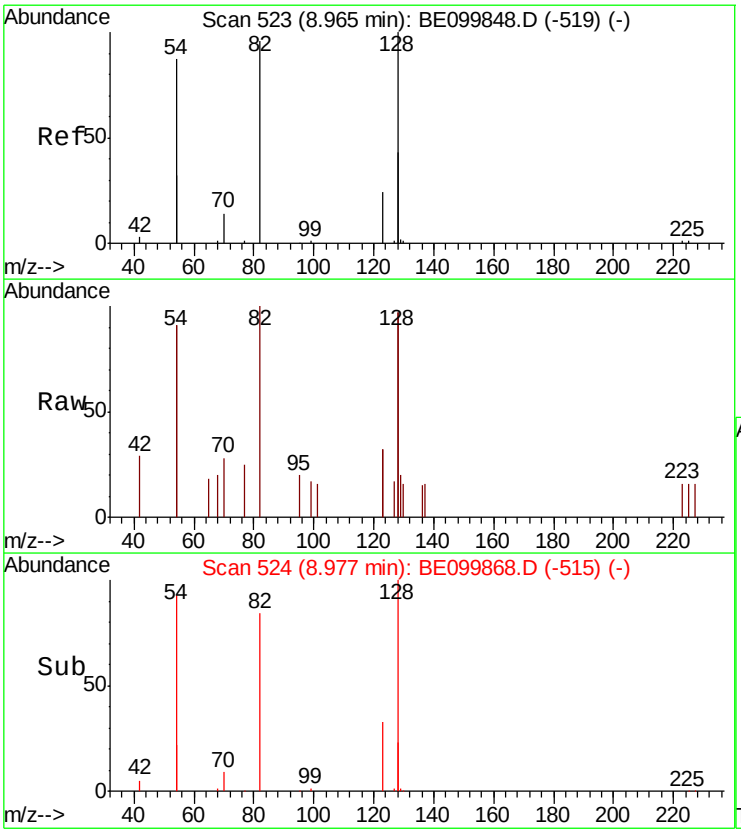
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:136 Resp: 2078

Ion	Ratio	Lower	Upper
136	100		
137	15.7	11.1	16.7
54	40.0	17.9	26.9#
68	10.0	5.4	8.0#

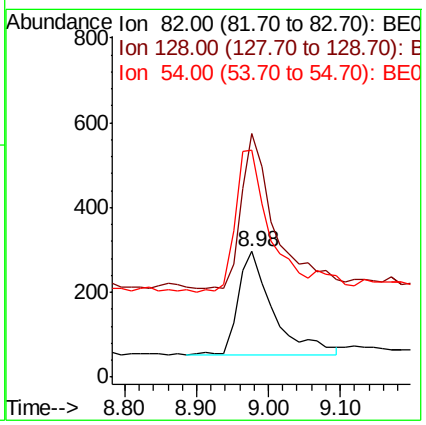


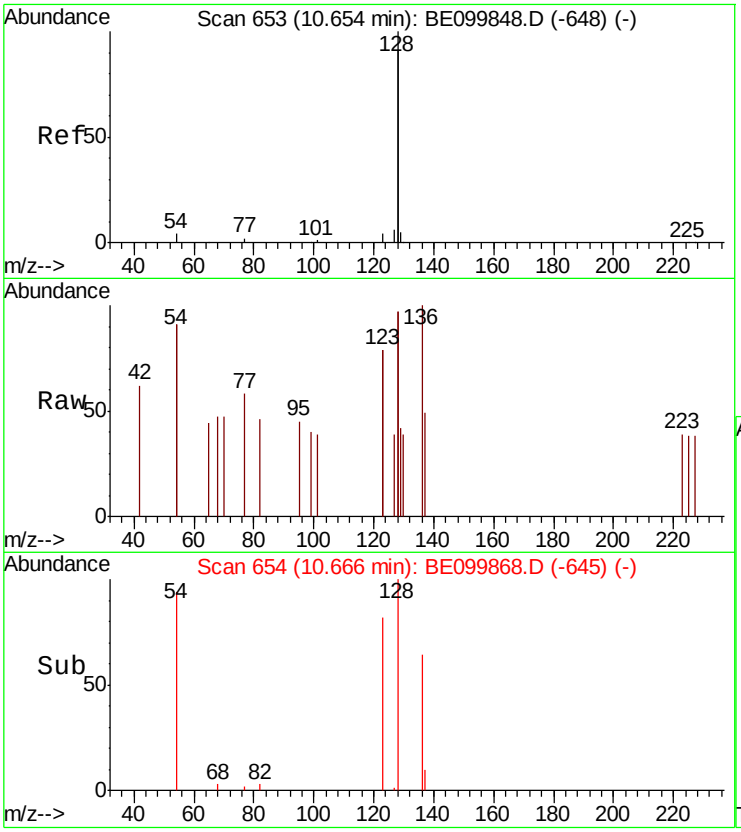


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion: 82 Resp: 827

Ion	Ratio	Lower	Upper
82	100		
128	193.9	116.6	175.0#
54	181.1	136.2	204.4



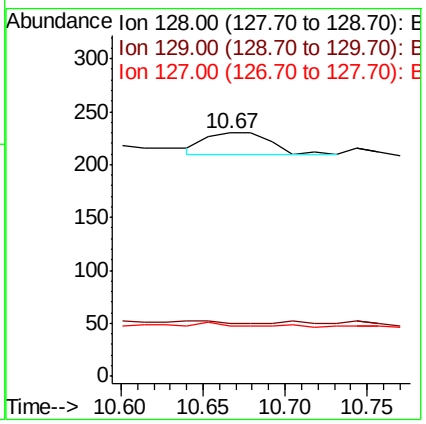


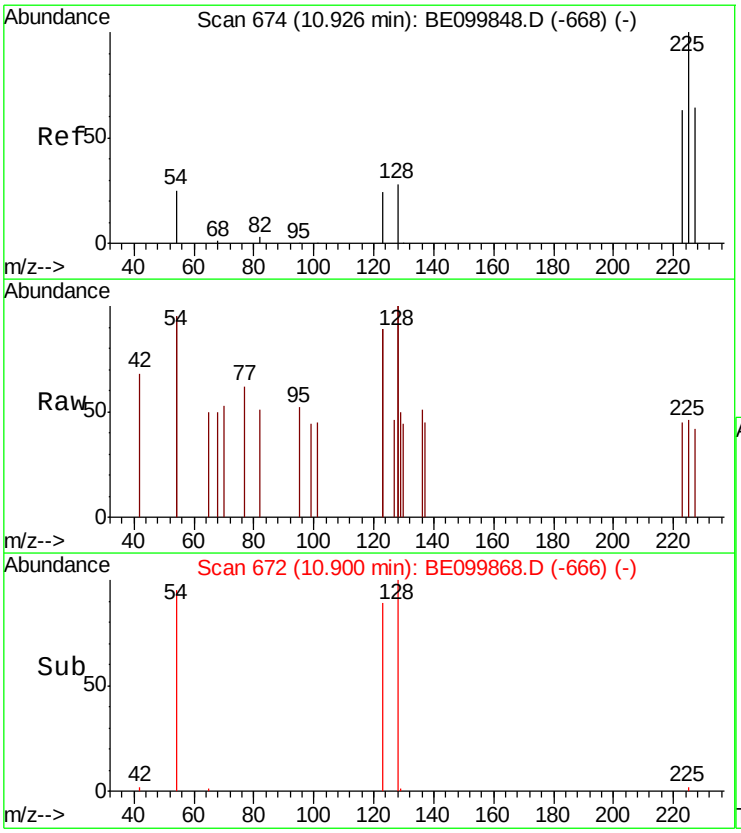
#9
Naphthalene
Concen: 0.002 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:128 Resp: 55

Ion	Ratio	Lower	Upper
128	100		
129	21.7	2.6	4.0#
127	20.4	3.0	4.6#

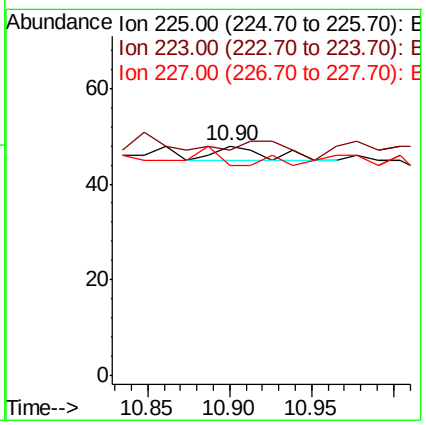


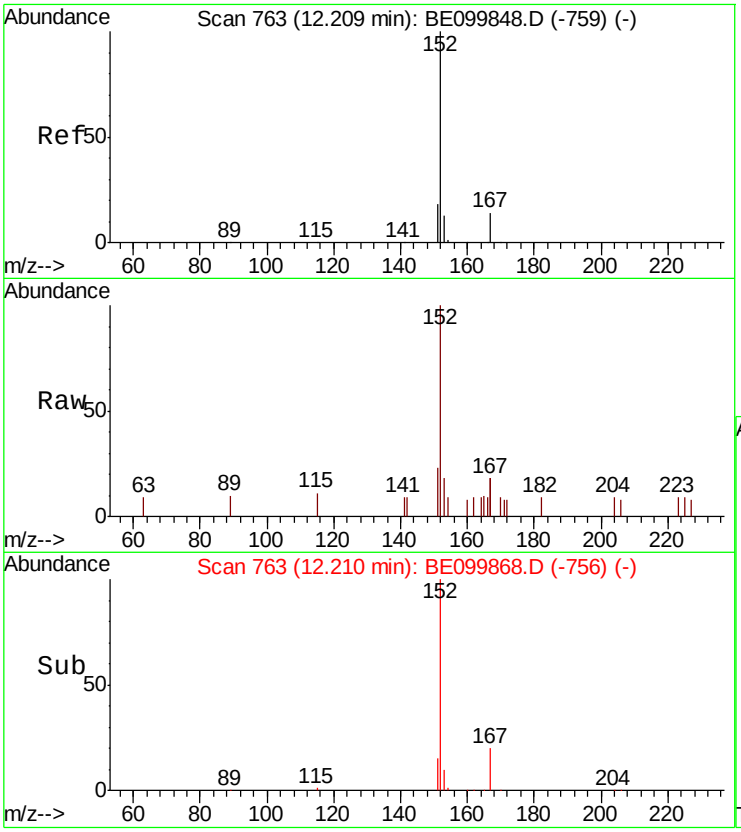


#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	133.3	48.6	72.8#
227	0.0	51.6	77.4#



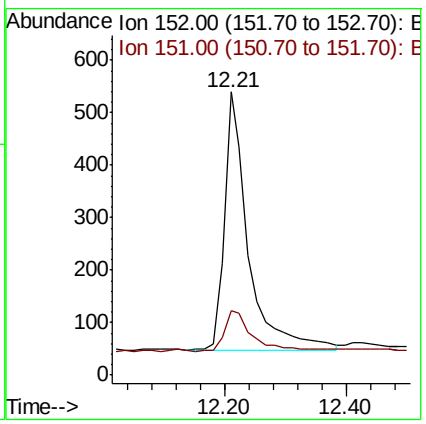


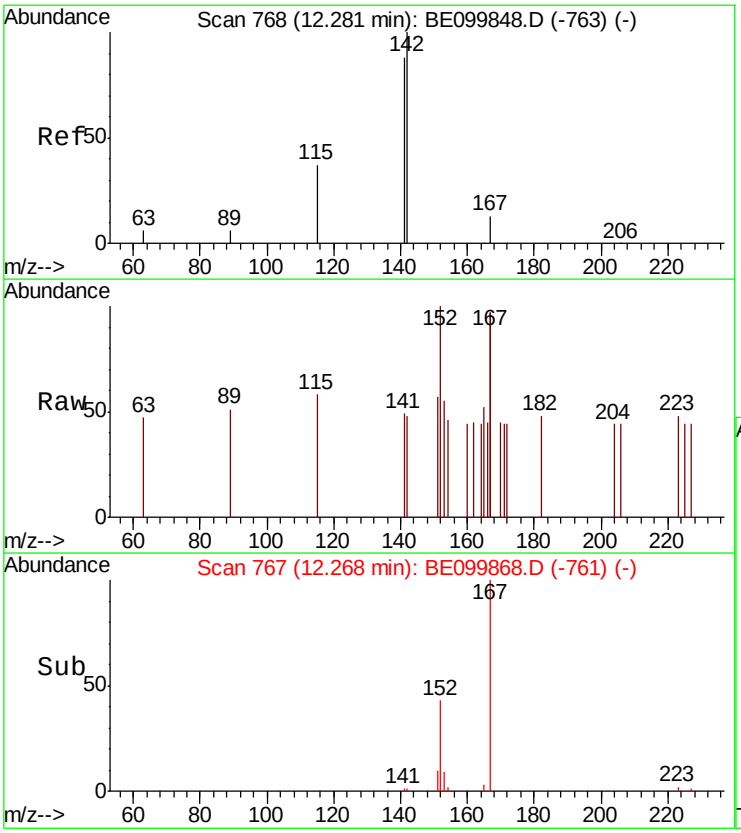
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:152 Resp: 1349

Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.8	23.8

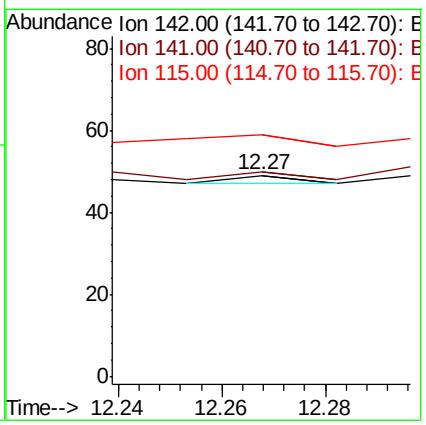


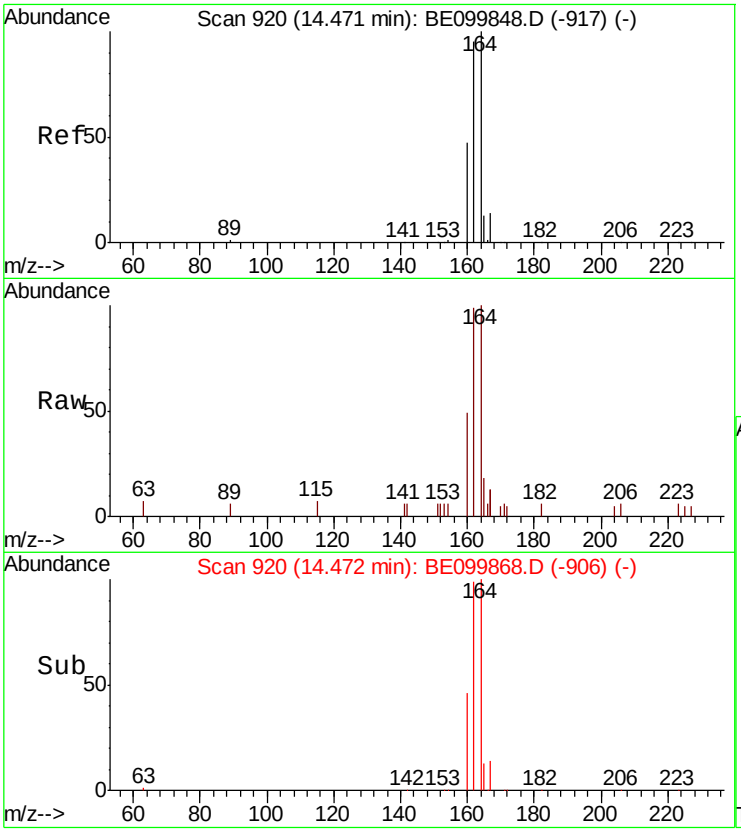


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	102.0	73.3	109.9
115	120.4	33.4	50.2#



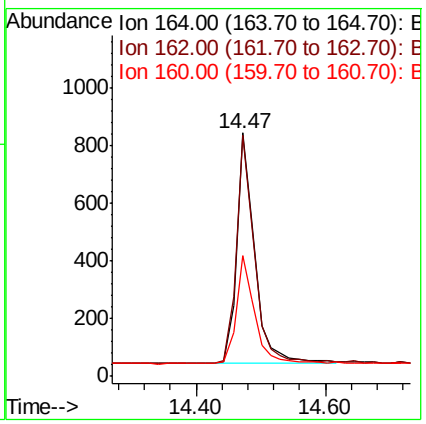


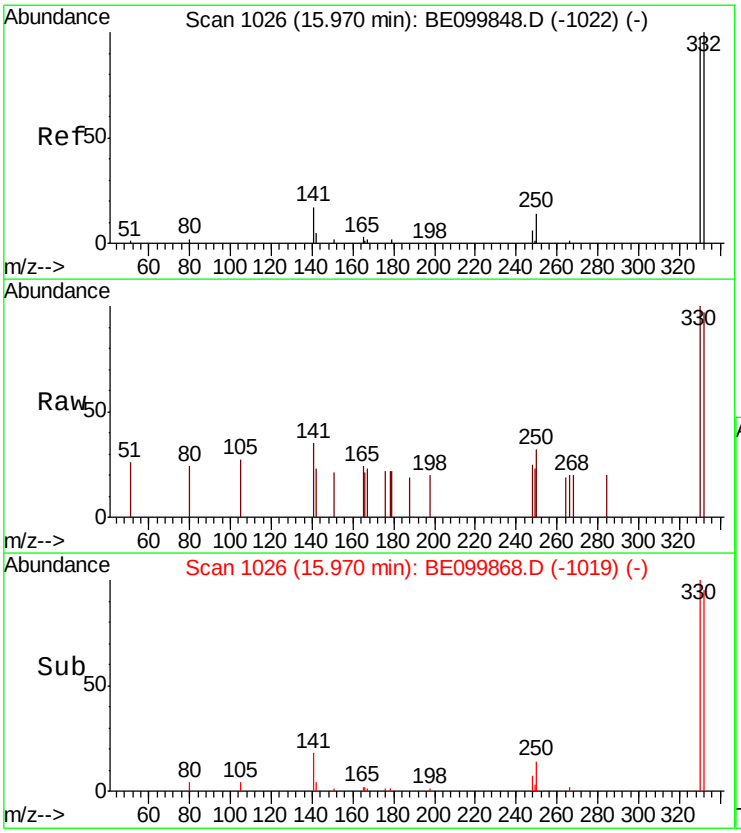
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:164 Resp: 1551

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.2	115.8
160	49.4	39.4	59.2

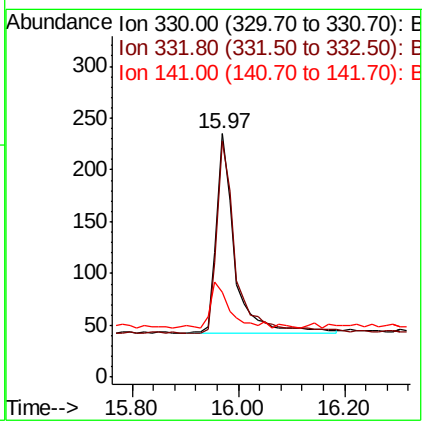


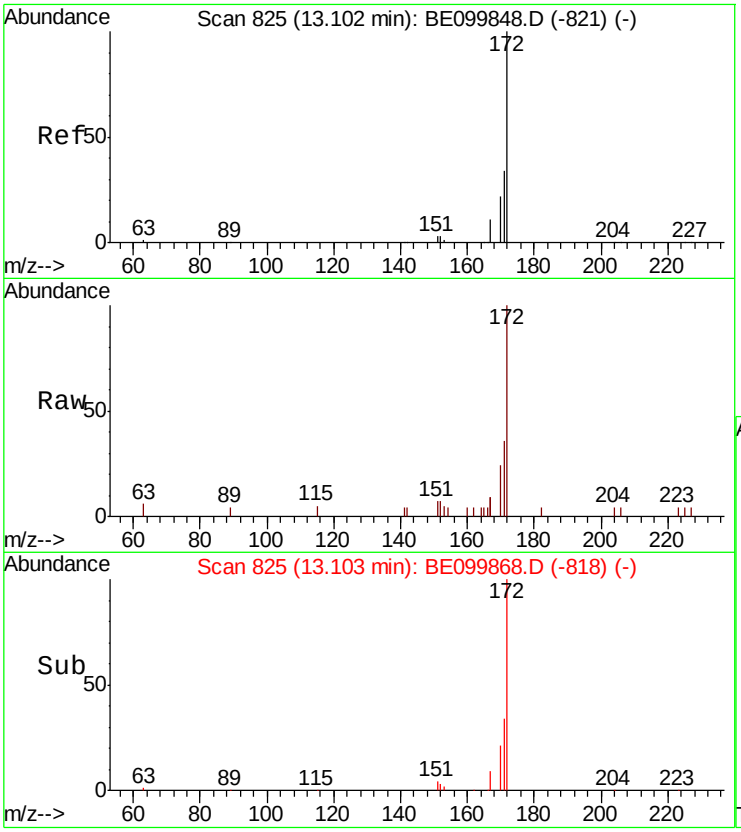


#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:330 Resp: 447

Ion	Ratio	Lower	Upper
330	100		
332	100.9	74.9	112.3
141	26.4	16.0	24.0#



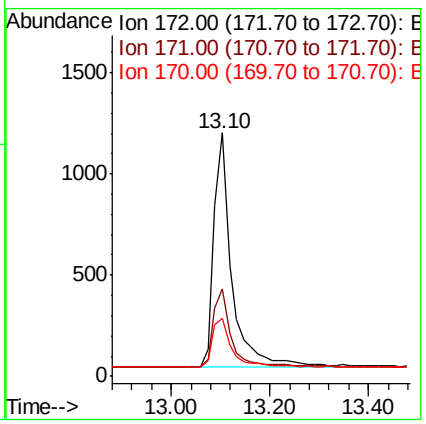


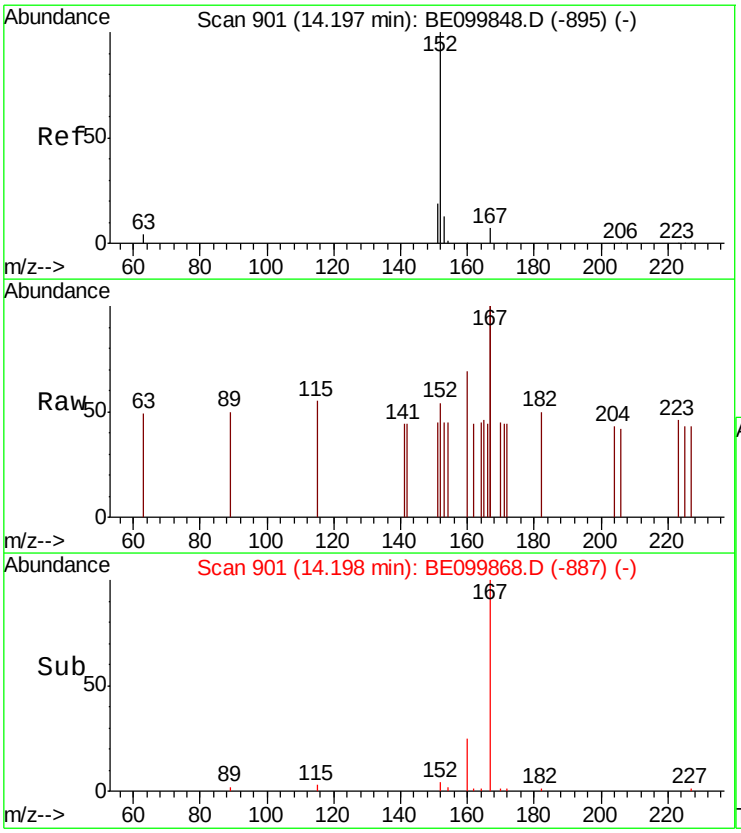
#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:172 Resp: 2885

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.2	45.4
170	23.9	20.1	30.1

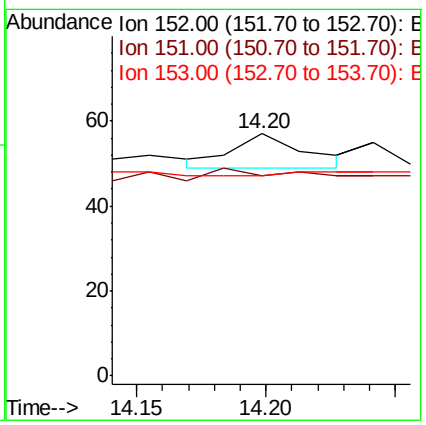


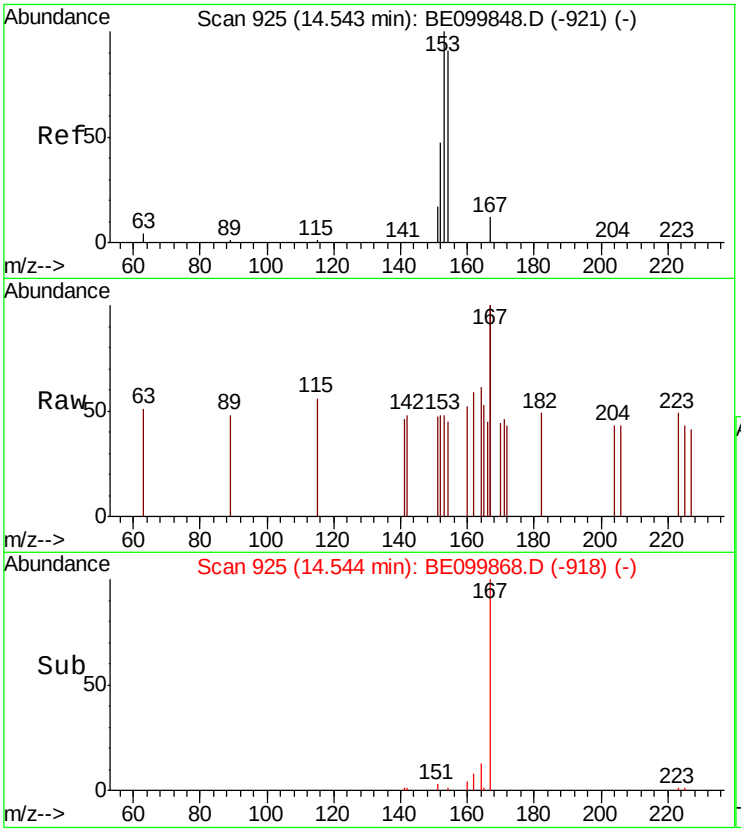


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	50.0	15.9	23.9#
153	0.0	10.8	16.2#



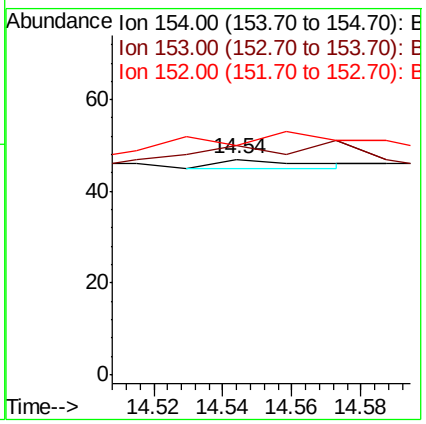


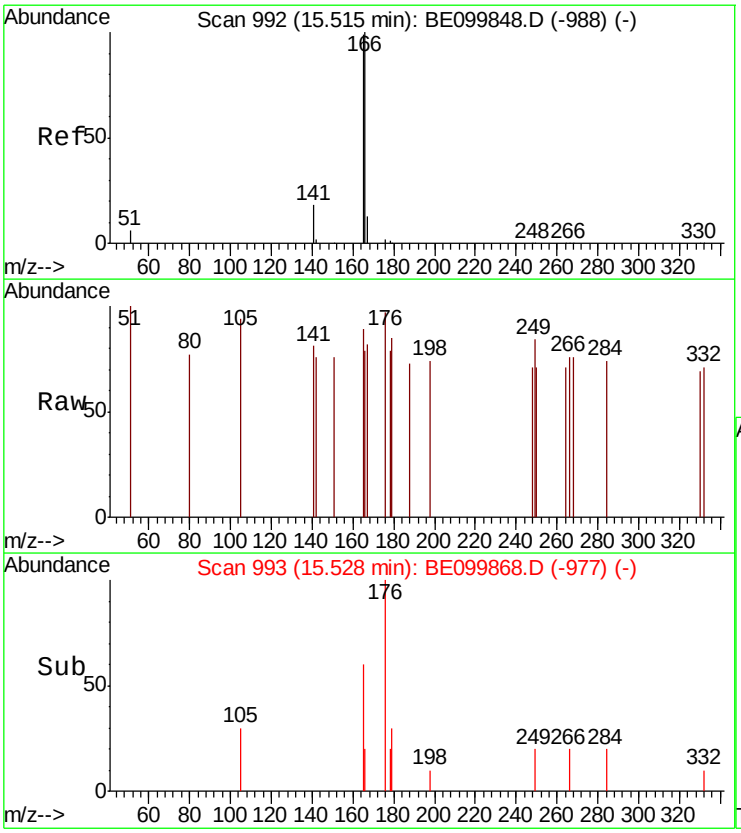
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:154 Resp: 3

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.8	140.6#
152	0.0	48.3	72.5#

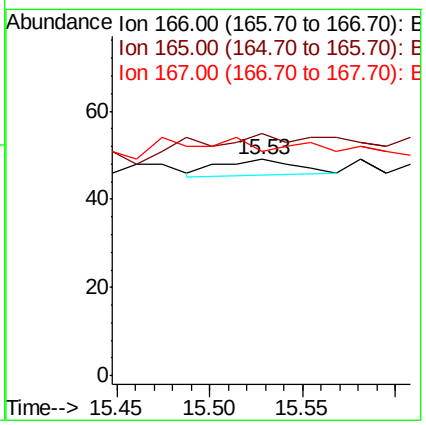


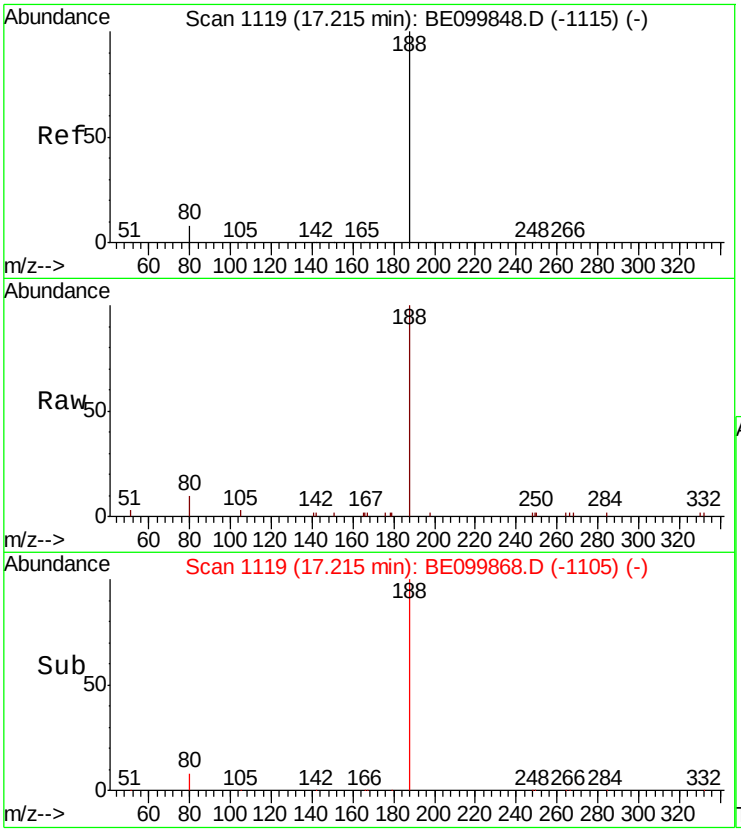


#18
Fluorene
Concen: 0.002 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:166 Resp: 10

Ion	Ratio	Lower	Upper
166	100		
165	410.0	80.4	120.6#
167	0.0	10.7	16.1#



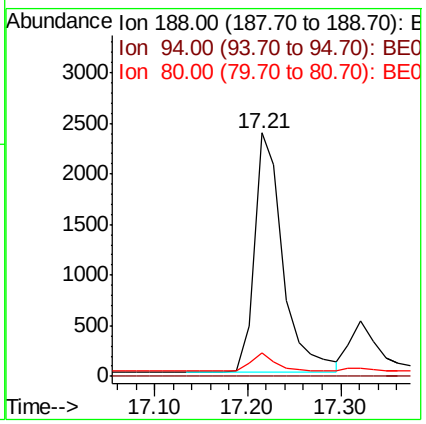


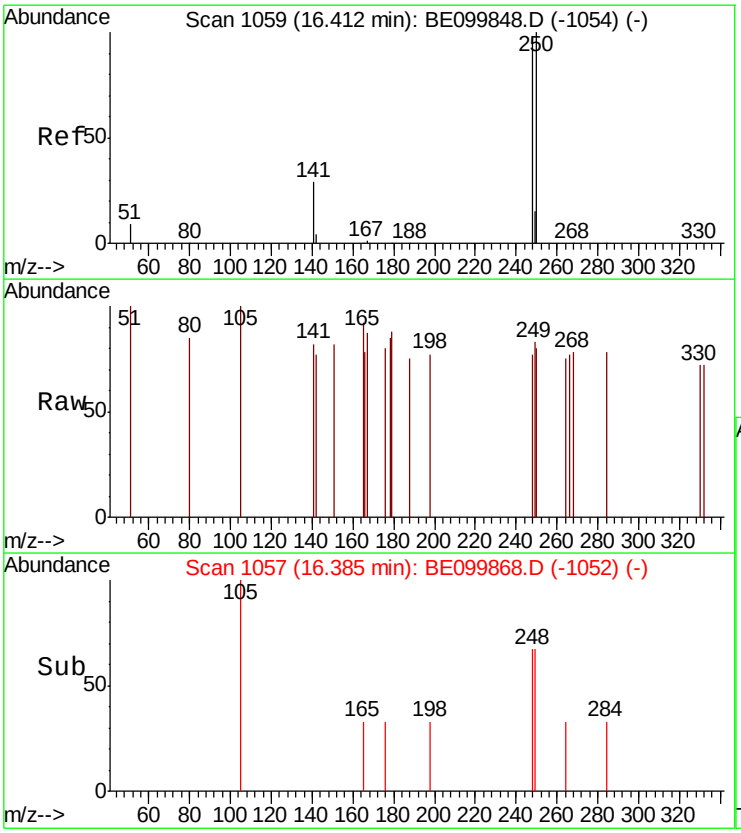
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:188 Resp: 5030

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	5.2	7.8#

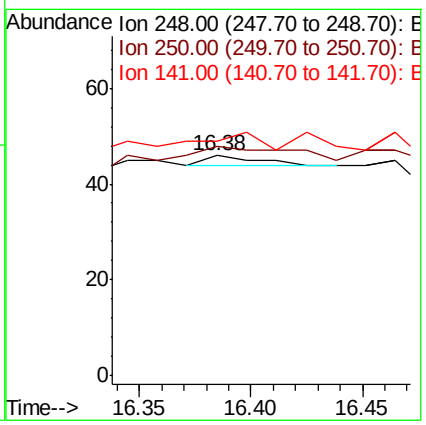


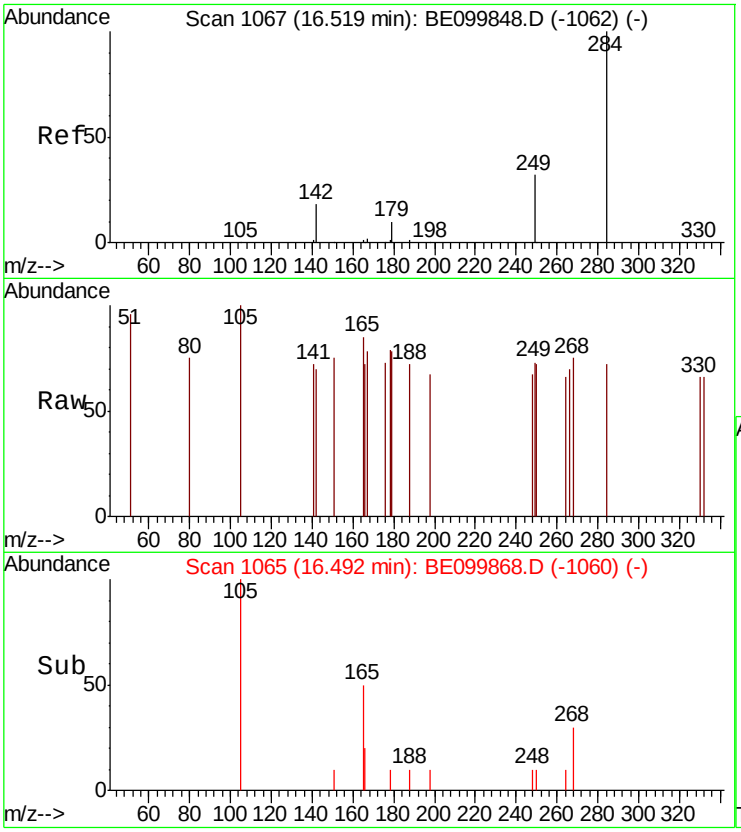


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	104.3	73.7	110.5
141	106.5	40.9	61.3#



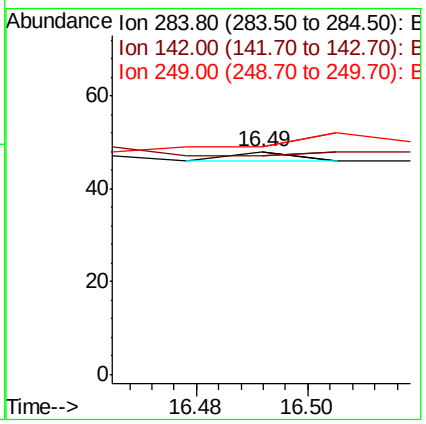


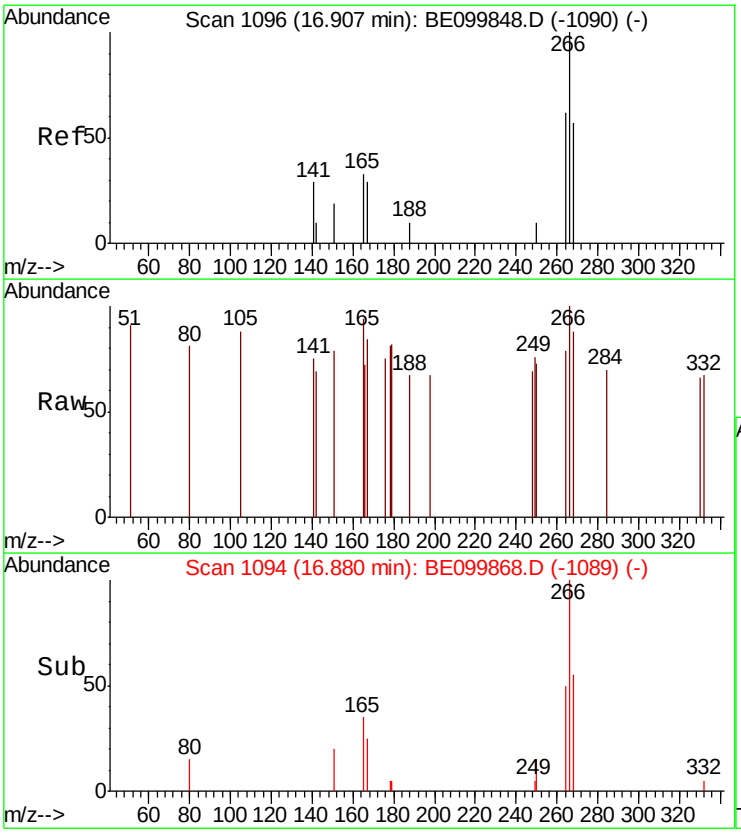
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	500.0	23.1	34.7#

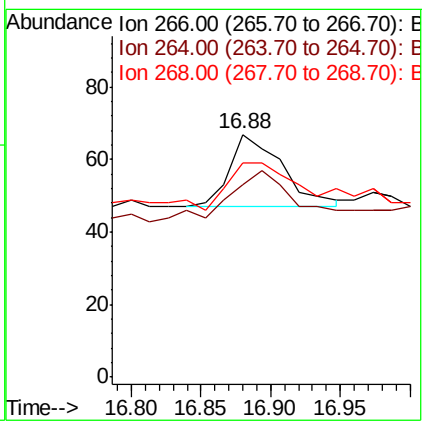


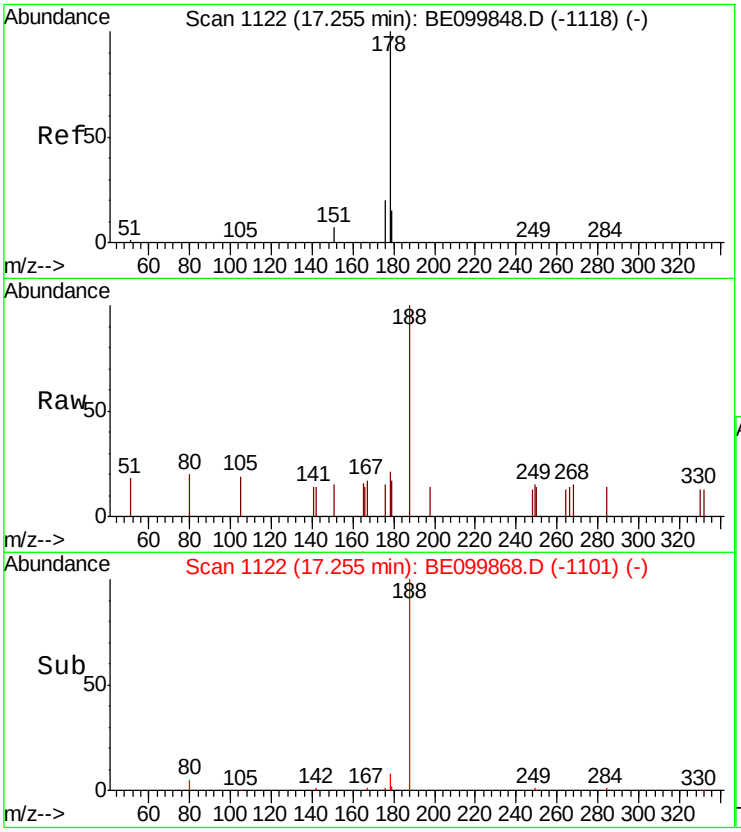


#22
Pentachlorophenol
Concen: 0.280 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:266 Resp: 52

Ion	Ratio	Lower	Upper
266	100		
264	79.1	64.9	97.3
268	88.1	64.0	96.0



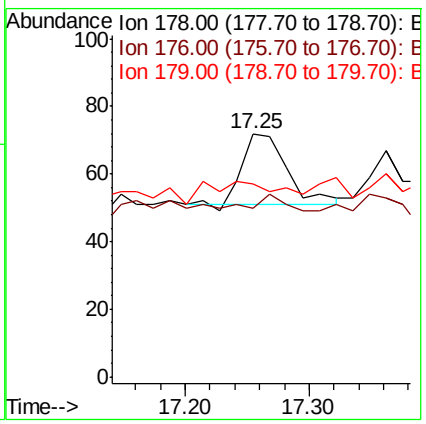


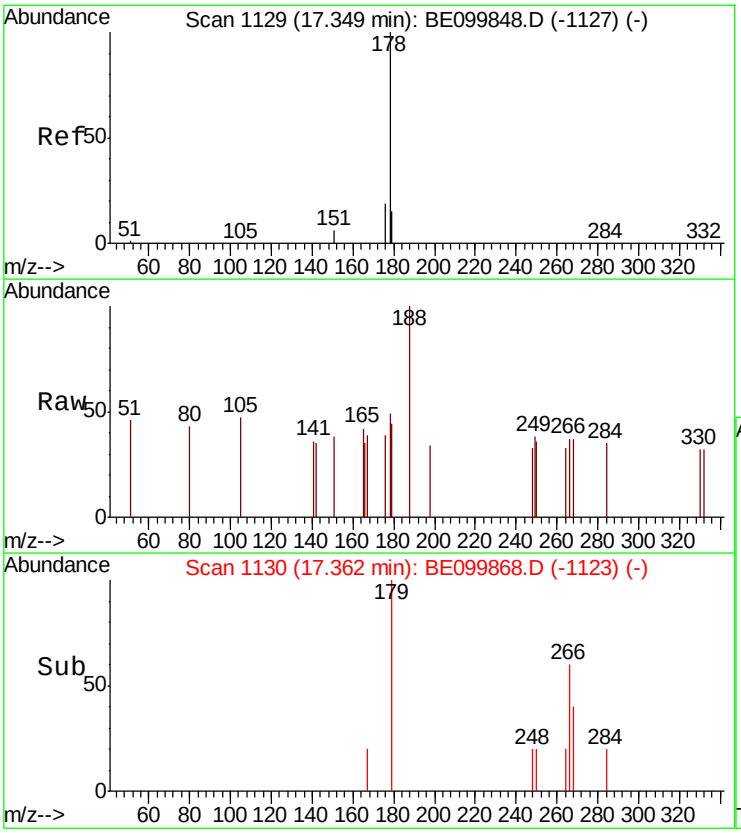
#23
Phenanthrene
Concen: 0.004 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:178 Resp: 52

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	0.0	12.5	18.7#

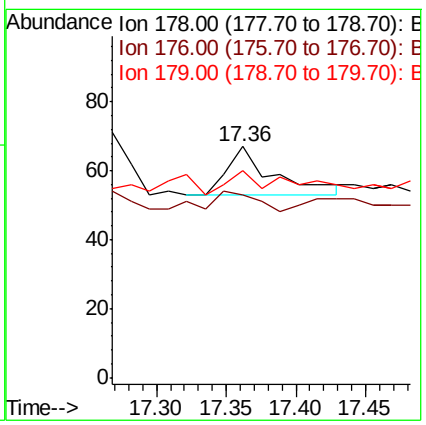


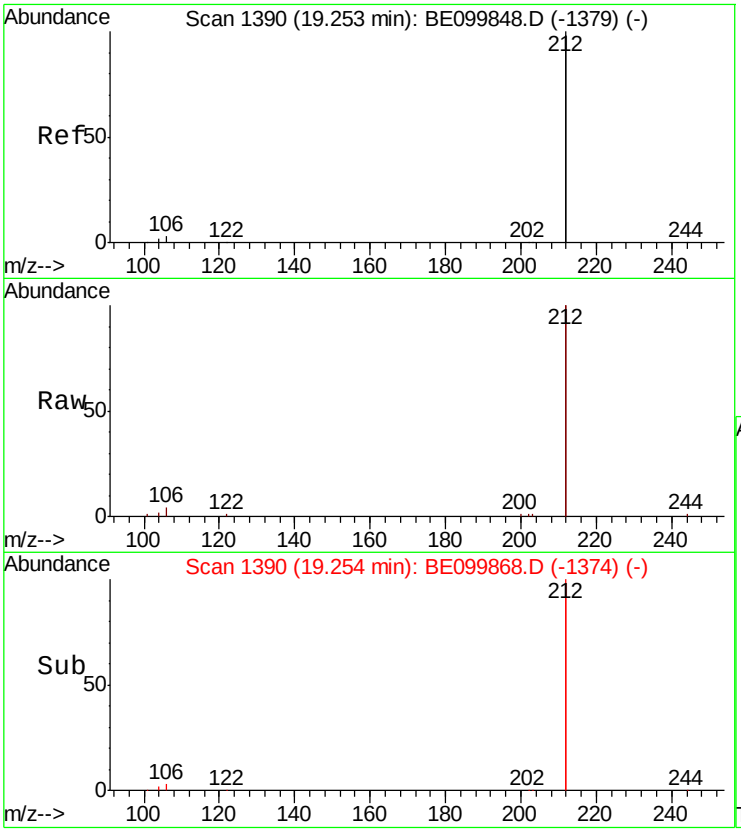


#24
Anthracene
Concen: 0.003 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:178 Resp: 32

Ion	Ratio	Lower	Upper
178	100		
176	43.8	15.1	22.7#
179	71.9	12.1	18.1#



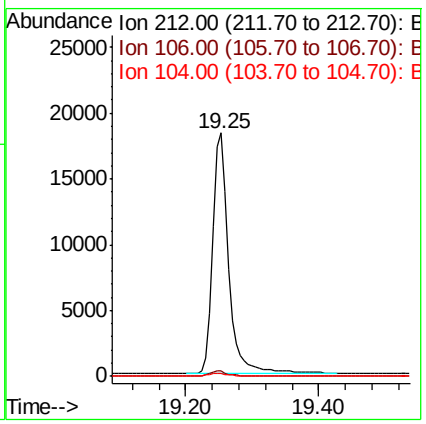


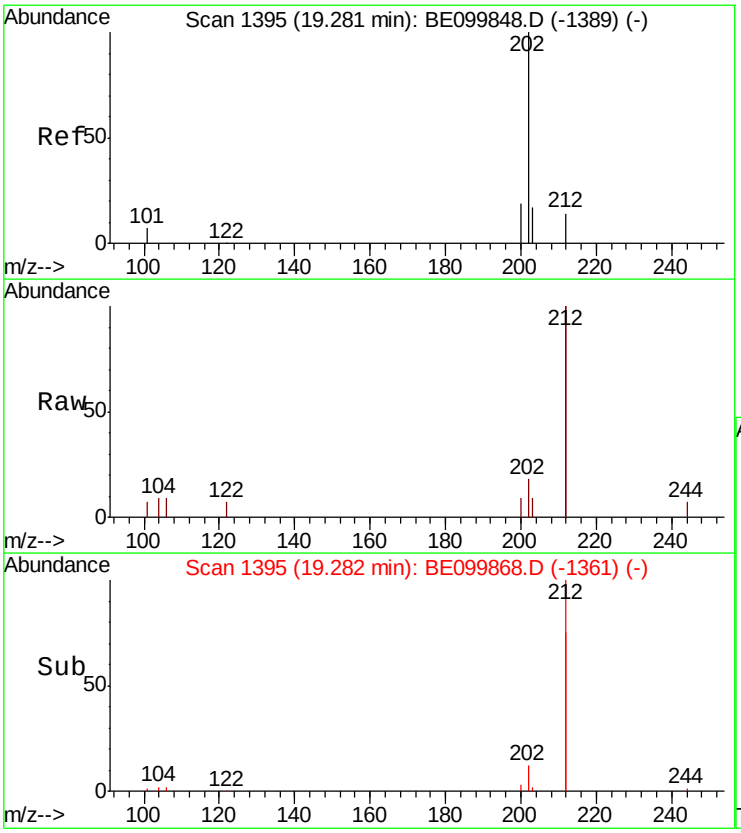
#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:212 Resp: 30582

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

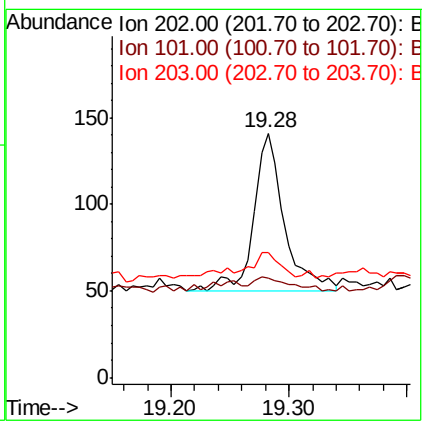


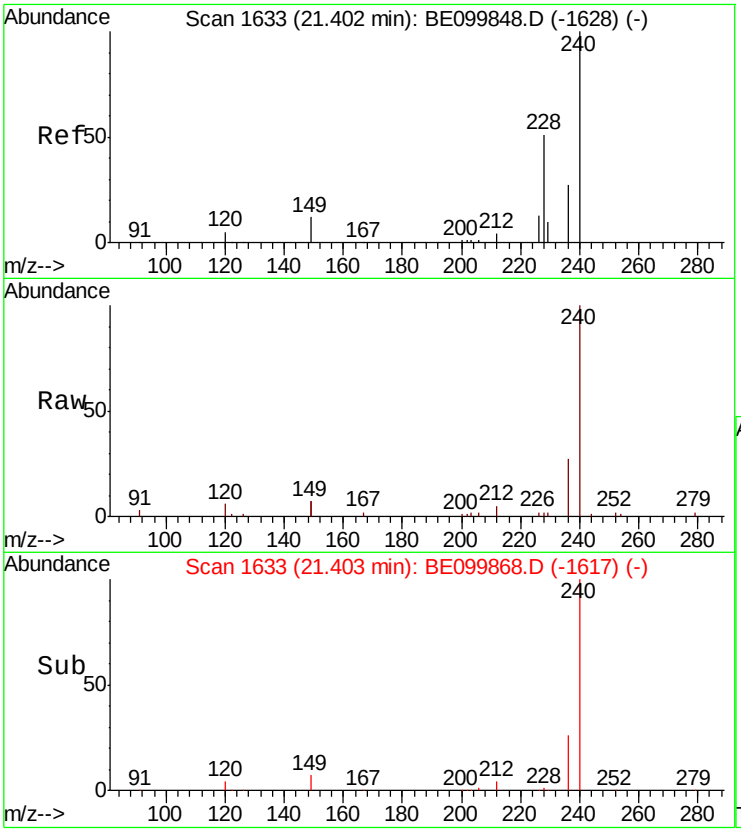


#26
Fluoranthene
Concen: 0.007 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:202 Resp: 164

Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.2	7.8#
203	13.4	13.6	20.4#



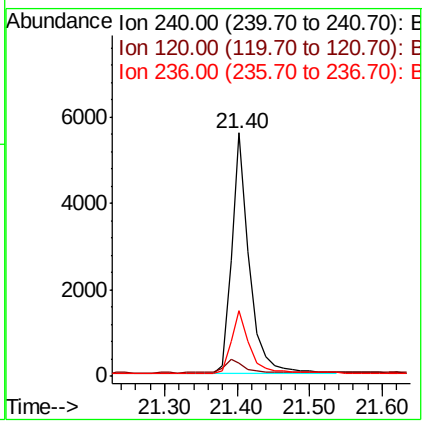


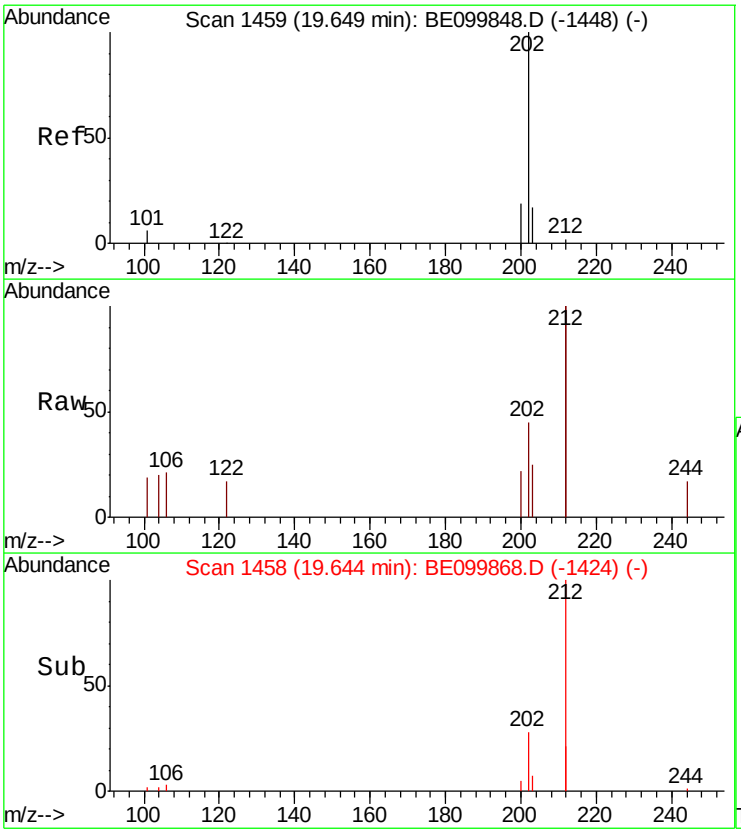
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:240 Resp: 9557

Ion	Ratio	Lower	Upper
240	100		
120	5.7	2.8	4.2#
236	27.1	20.9	31.3

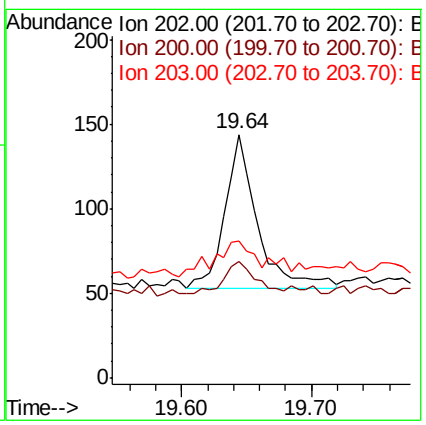


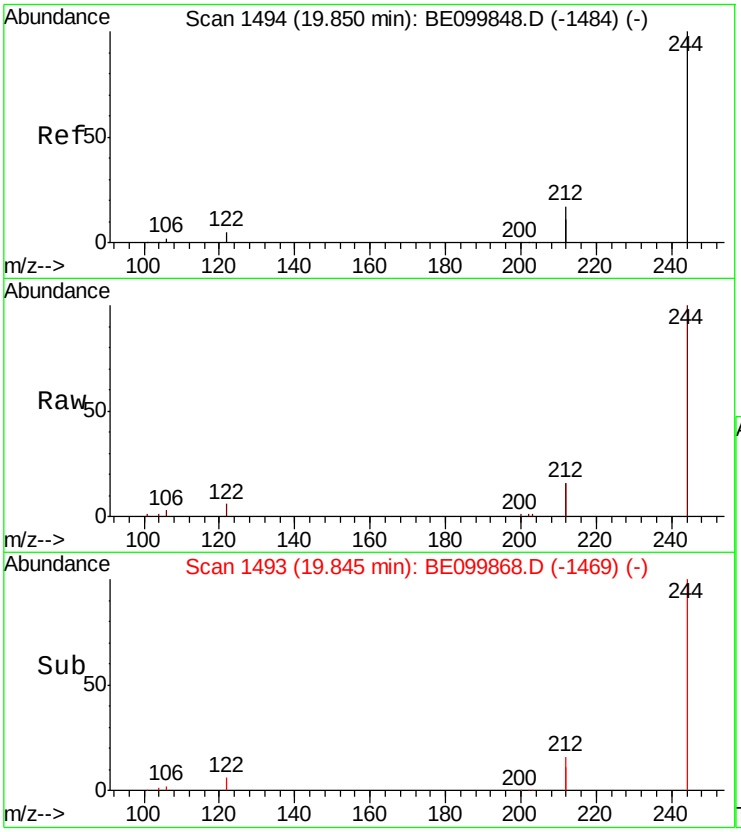


#28
Pyrene
Concen: 0.006 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:202 Resp: 156

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	26.9	14.1	21.1#



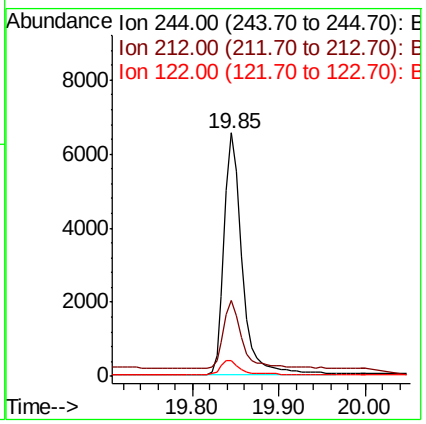


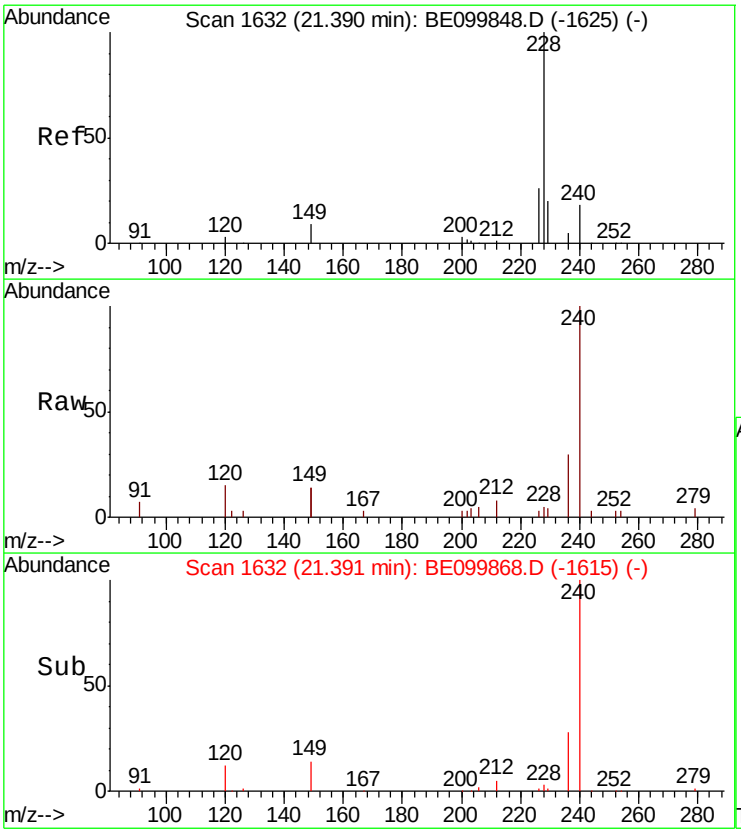
#29
Terphenyl-d14
Concen: 0.530 ng
RT: 19.85 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:244 Resp: 9451

Ion	Ratio	Lower	Upper
244	100		
212	31.0	23.7	35.5
122	6.3	4.8	7.2

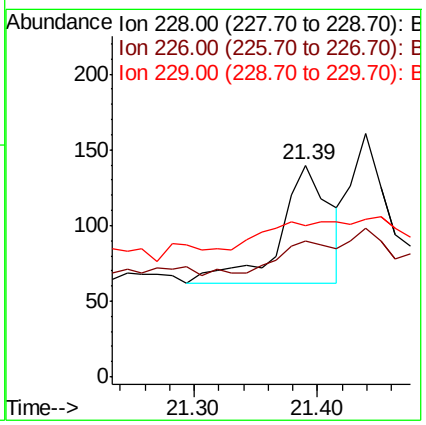


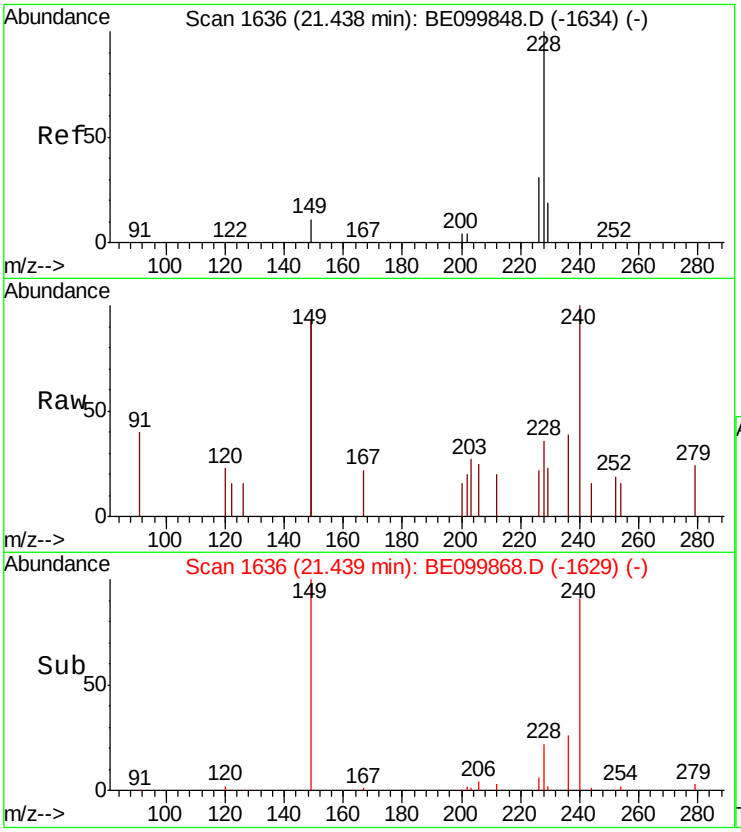


#30
Benzo(a)anthracene
Concen: 0.007 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:228 Resp: 223

Ion	Ratio	Lower	Upper
228	100		
226	64.3	21.6	32.4#
229	71.4	15.8	23.6#



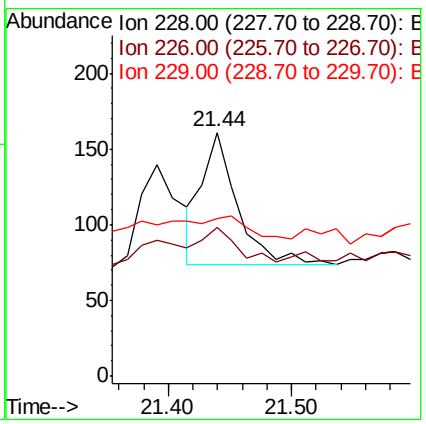


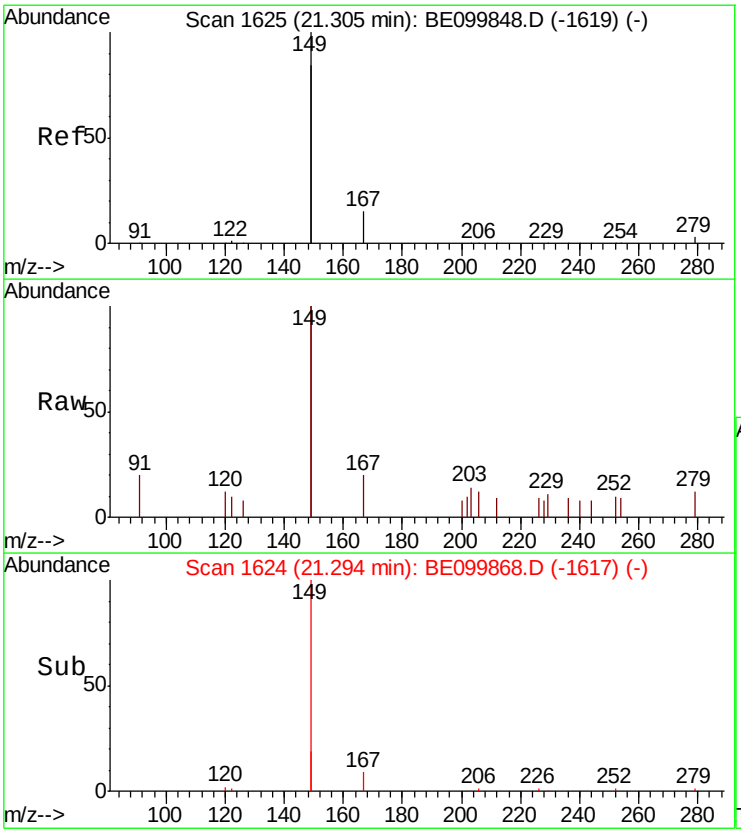
#31
Chrysene
Concen: 0.006 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:228 Resp: 171

Ion	Ratio	Lower	Upper
228	100		
226	60.9	22.9	34.3#
229	64.6	16.4	24.6#

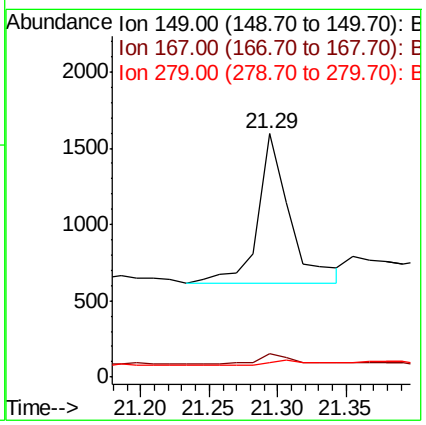


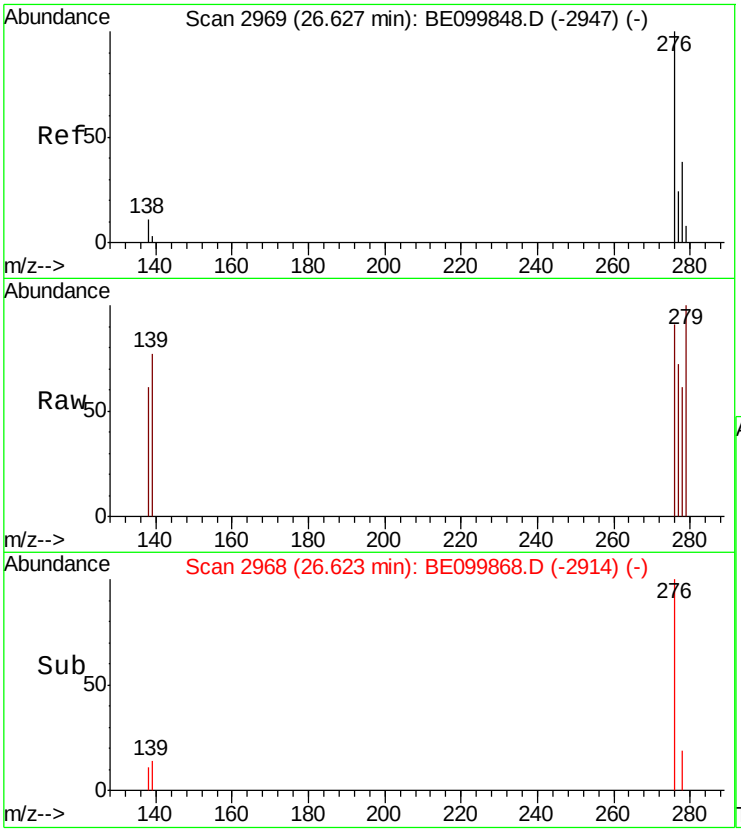


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:149 Resp: 1584

Ion	Ratio	Lower	Upper
149	100		
167	9.0	6.0	9.0
279	5.2	1.2	1.8#



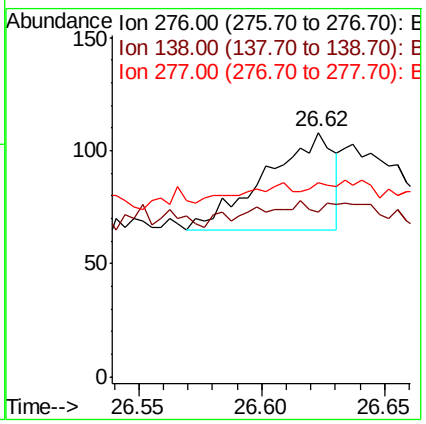


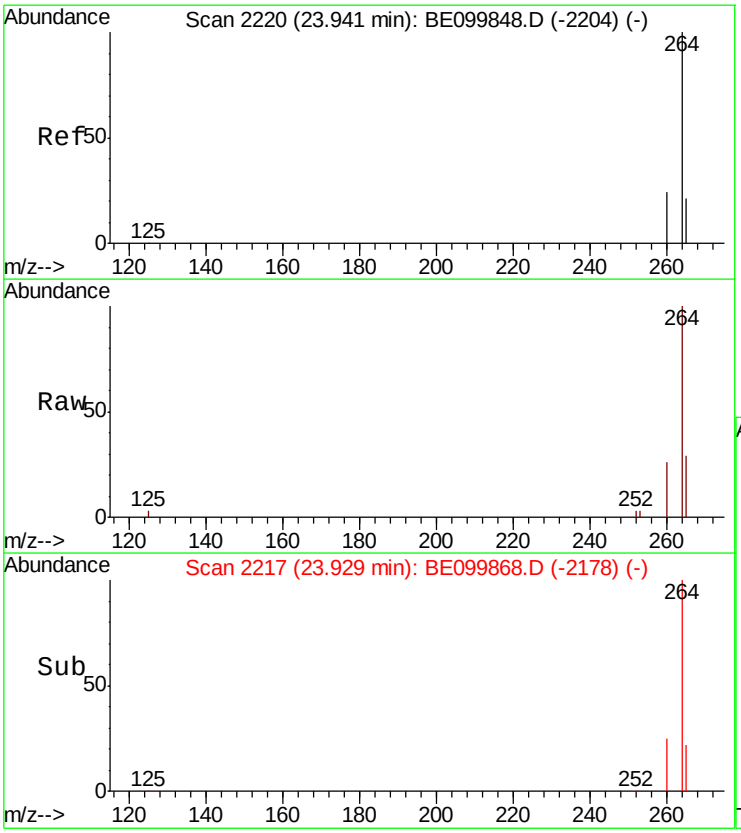
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.62 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:276 Resp: 82

Ion	Ratio	Lower	Upper
276	100		
138	11.0	10.3	15.5
277	2.4	19.4	29.2#

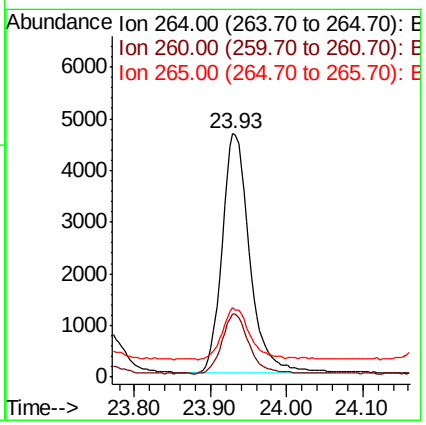


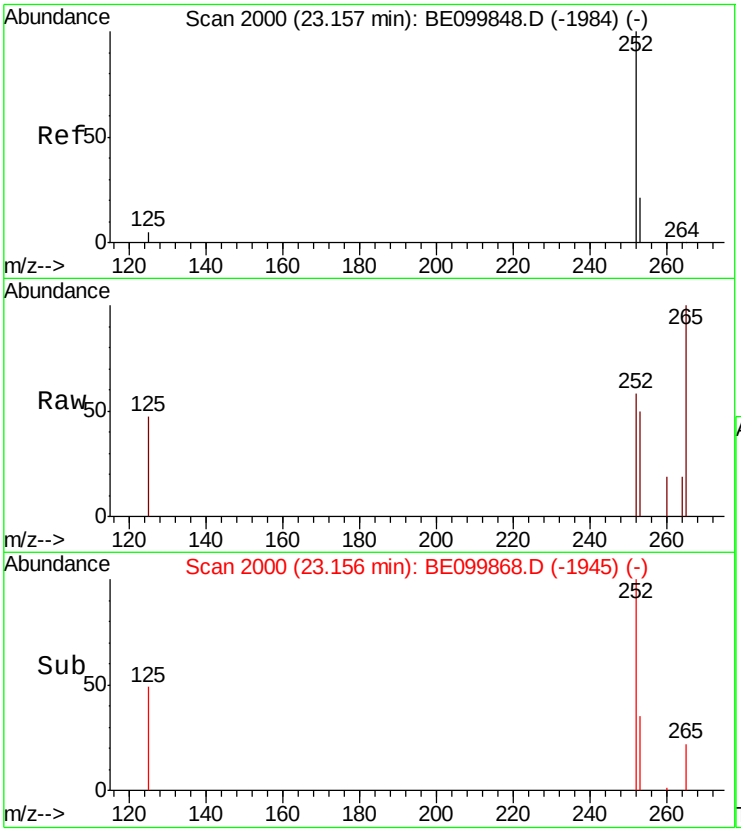


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:264 Resp: 11615

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.0	30.0
265	28.8	20.7	31.1



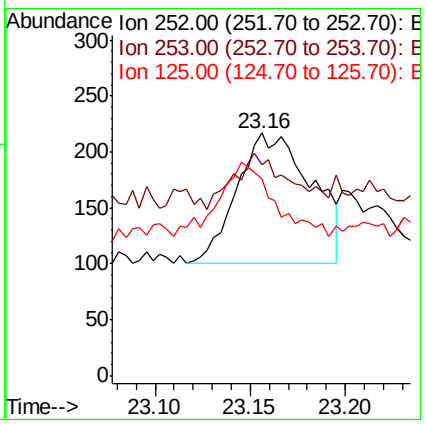


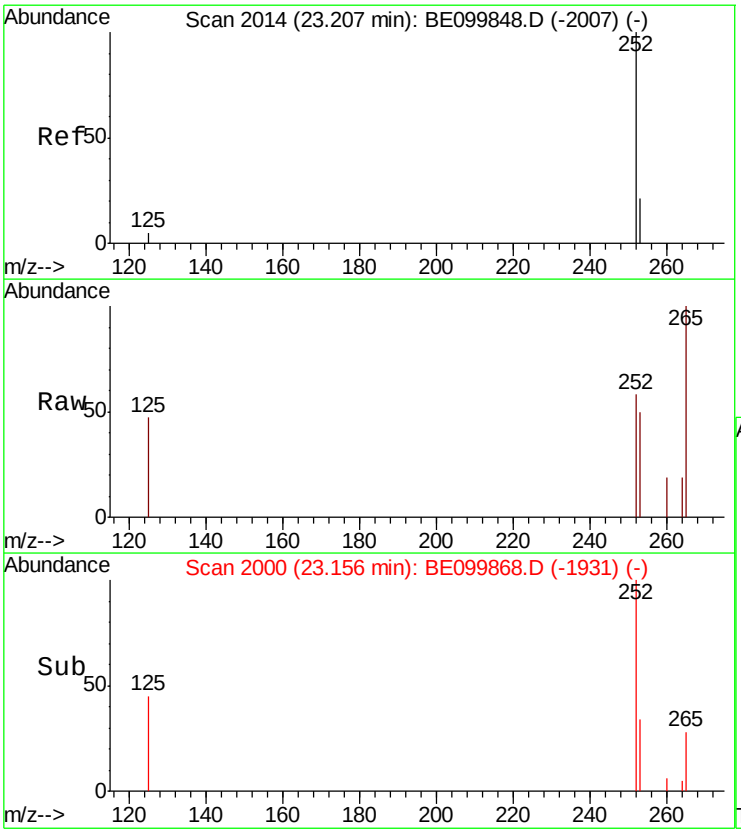
#35
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 23.16 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:252 Resp: 318

Ion	Ratio	Lower	Upper
252	100		
253	87.1	18.9	28.3#
125	81.1	7.6	11.4#

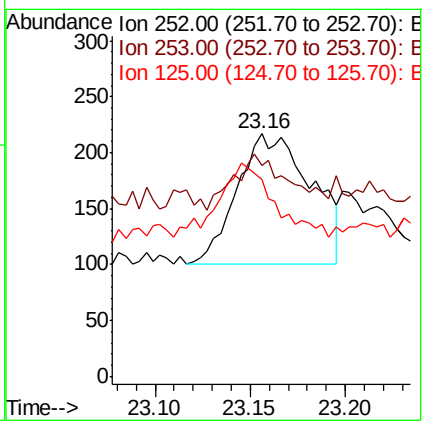


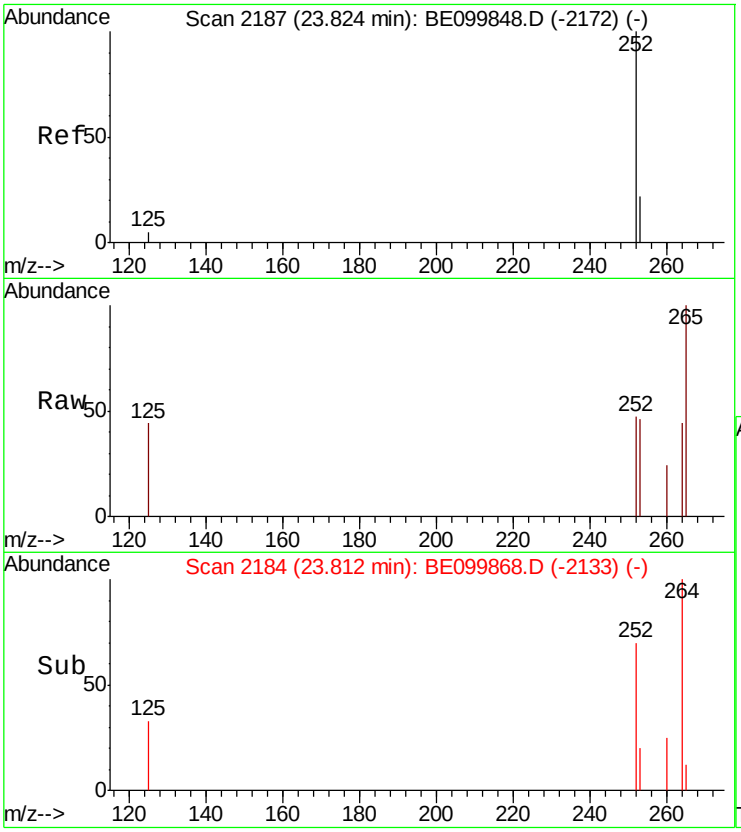


#36
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 23.16 min Scan# 2000
Delta R.T. -0.05 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:252 Resp: 318

Ion	Ratio	Lower	Upper
252	100		
253	87.1	18.4	27.6#
125	81.1	4.6	7.0#



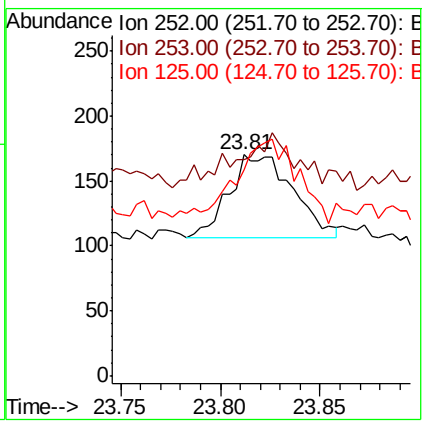


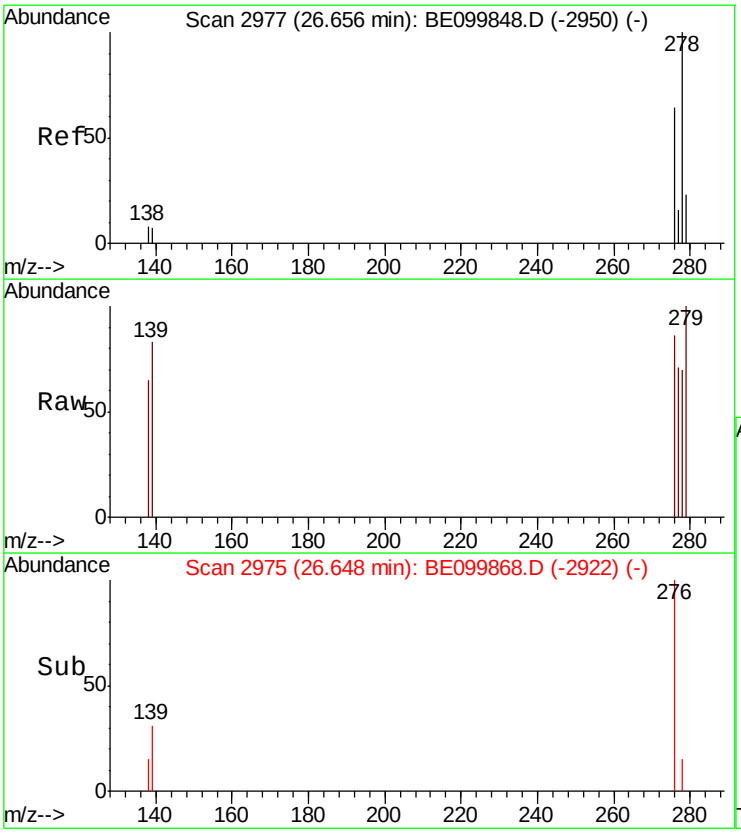
#37
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	97.6	19.3	28.9#
125	93.5	10.2	15.4#

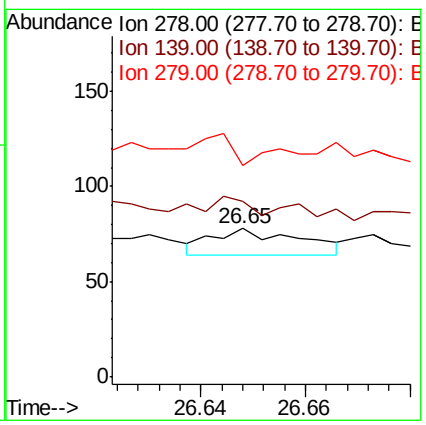


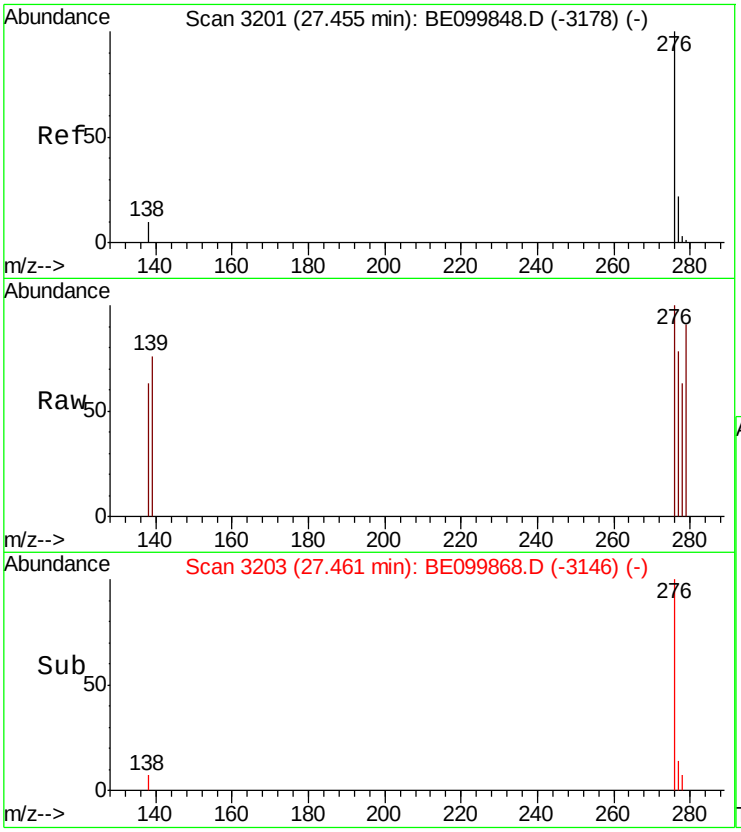


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Tgt Ion:278 Resp: 16

Ion	Ratio	Lower	Upper
278	100		
139	117.9	7.9	11.9#
279	142.3	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 0.004 ng
RT: 27.46 min Scan# 3203
Delta R.T. 0.00 min
Lab File: BE099868.D
Acq: 8 Jun 2019 00:30

Instrument :
BNA_E
ClientSampleId :
BP-DUP04-20190606

Tgt Ion:276 Resp: 133

Ion	Ratio	Lower	Upper
276	100		
277	77.7	19.6	29.4#
138	62.5	9.0	13.4#