Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
Data File : BE099000.D
Acq On : 18 Mar 2019 14:42
Operator : JU/SJ
Sample : PB117987BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117987BSD

Quant Time: Mar 19 01:52:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

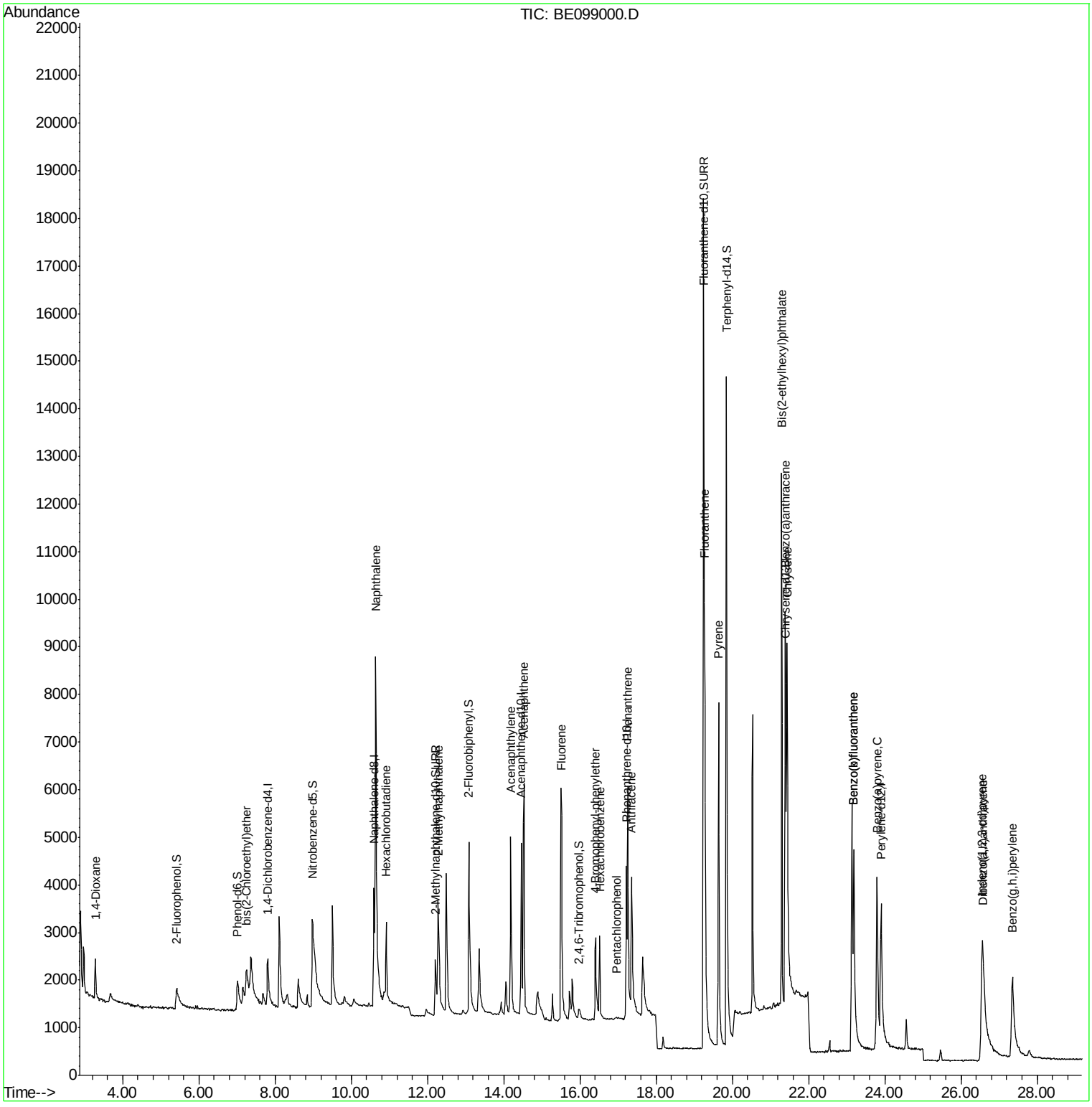
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	809	0.40	ng		0.01
7) Naphthalene-d8	10.59	136	3848	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2545	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5649	0.40	ng		0.00
27) Chrysene-d12	21.40	240	6449	0.40	ng		0.00
34) Perylene-d12	23.90	264	6075	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	626	0.26	ng		0.03
5) Phenol-d6	7.01	99	1218	0.36	ng		0.02
8) Nitrobenzene-d5	8.99	82	1680	0.42	ng		0.03
11) 2-Methylnaphthalene-d10	12.21	152	2712	0.38	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	306	0.24	ng		0.01
15) 2-Fluorobiphenyl	13.09	172	5816	0.55	ng		0.00
25) Fluoranthene-d10	19.25	212	32443	0.36	ng		0.00
29) Terphenyl-d14	19.84	244	19070	1.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	552	0.339	ng		92
6) bis(2-Chloroethyl)ether	7.25	93	721	0.273	ng		86
9) Naphthalene	10.64	128	17487	0.397	ng		100
10) Hexachlorobutadiene	10.91	225	1122	0.385	ng		98
12) 2-Methylnaphthalene	12.28	142	2572	0.360	ng		98
16) Acenaphthylene	14.18	152	4995	0.382	ng		96
17) Acenaphthene	14.53	154	3038	0.391	ng		99
18) Fluorene	15.52	166	4127	0.369	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1360	0.444	ng		84
21) Hexachlorobenzene	16.52	284	1590	0.437	ng		97
22) Pentachlorophenol	16.96	266	50	0.305	ng		99
23) Phenanthrene	17.26	178	6571	0.409	ng		99
24) Anthracene	17.35	178	4873	0.355	ng		98
26) Fluoranthene	19.28	202	8429	0.372	ng		99
28) Pyrene	19.64	202	8594	0.436	ng		100
30) Benzo(a)anthracene	21.39	228	6940	0.345	ng		97
31) Chrysene	21.44	228	8446	0.392	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	12932	0.302	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	7249	0.319	ng	#	86
35) Benzo(b)fluoranthene	23.19	252	8909	0.446	ng		97
36) Benzo(k)fluoranthene	23.19	252	9652	0.462	ng		99
37) Benzo(a)pyrene	23.79	252	7770	0.406	ng	#	84
38) Dibenzo(a,h)anthracene	26.58	278	4648	0.257	ng		93
39) Benzo(g,h,i)perylene	27.35	276	5766	0.304	ng	#	96

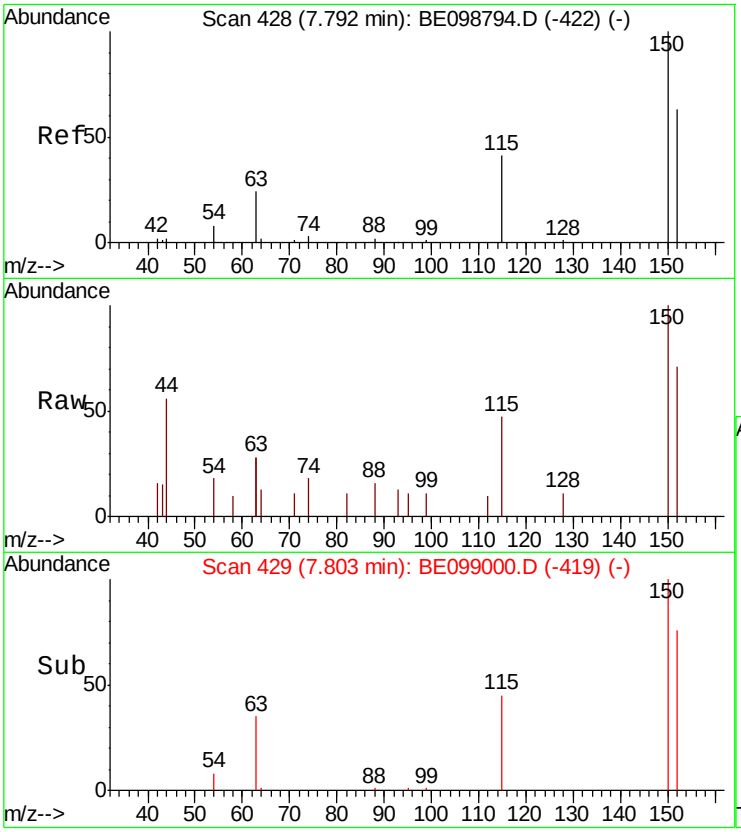
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
Data File : BE099000.D
Acq On : 18 Mar 2019 14:42
Operator : JU/SJ
Sample : PB117987BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Quant Time: Mar 19 01:52:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



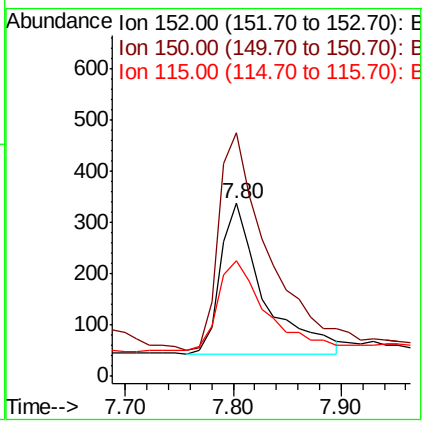


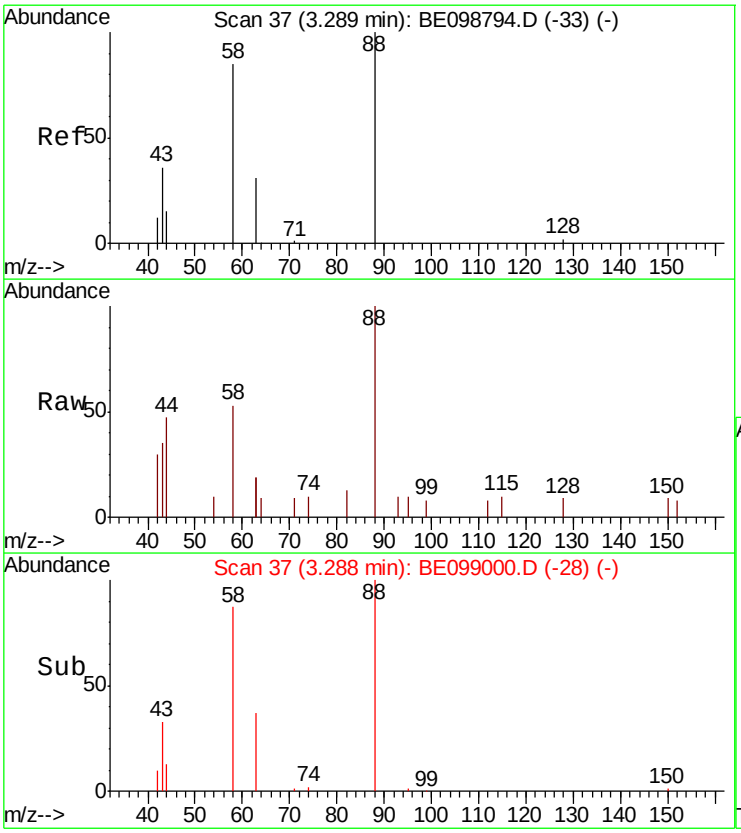
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:152 Resp: 809

Ion	Ratio	Lower	Upper
152	100		
150	140.9	122.5	183.7
115	66.8	57.4	86.2

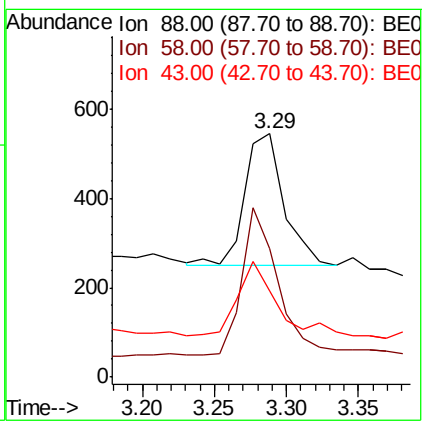


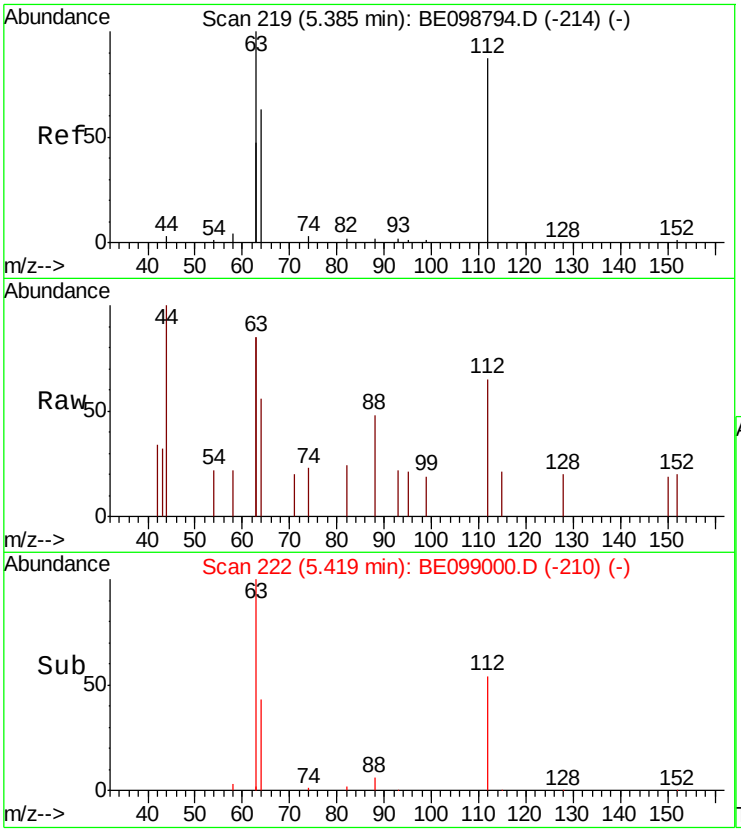


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion: 88 Resp: 552

Ion	Ratio	Lower	Upper
88	100		
58	103.8	75.8	113.6
43	55.6	41.8	62.8



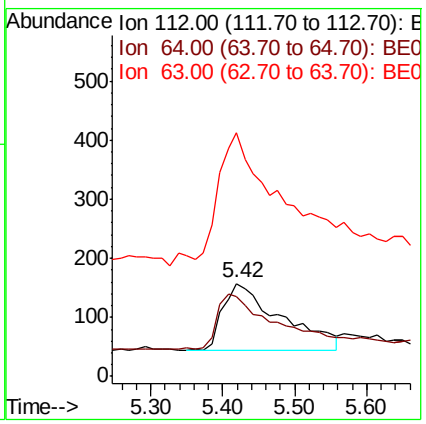


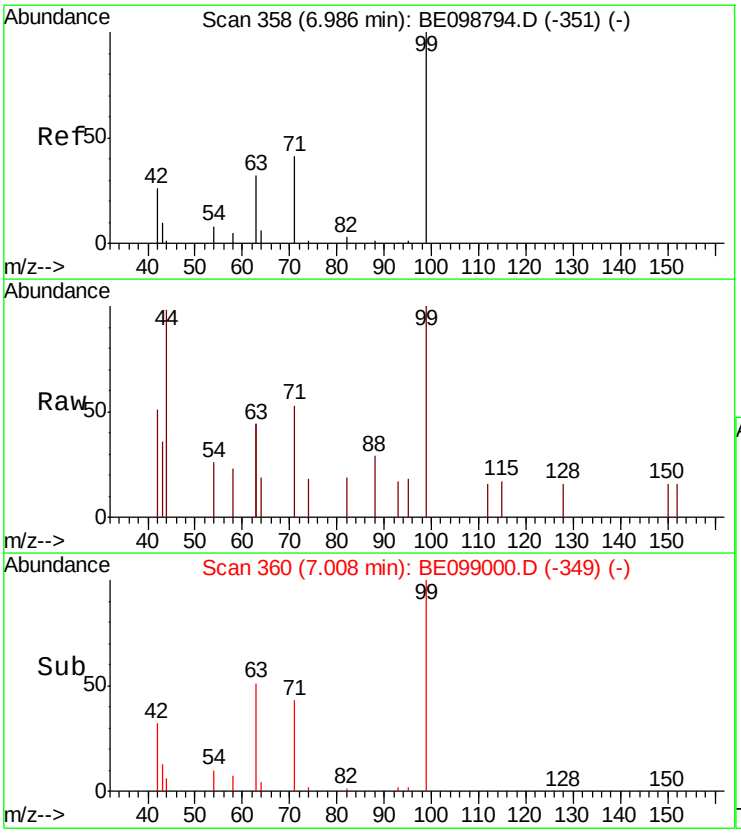
#4
2-Fluorophenol
Concen: 0.259 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.03 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:112 Resp: 626

Ion	Ratio	Lower	Upper
112	100		
64	98.2	57.9	86.9#
63	259.9	158.3	237.5#

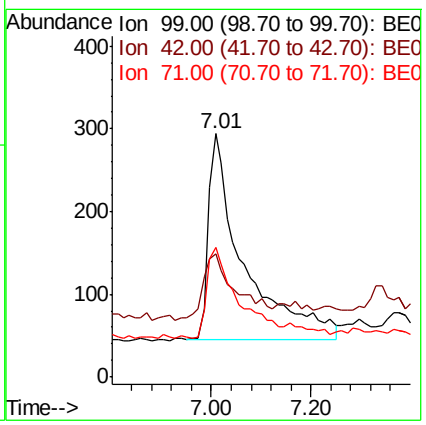


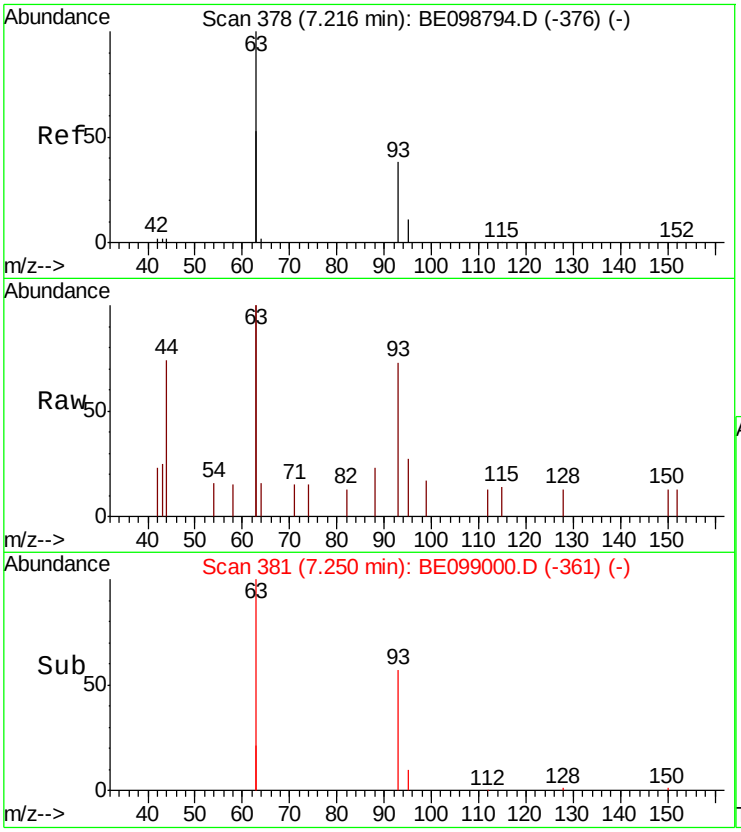


#5
Phenol-d6
Concen: 0.357 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion: 99 Resp: 1218

Ion	Ratio	Lower	Upper
99	100		
42	30.5	24.2	36.2
71	39.5	35.7	53.5



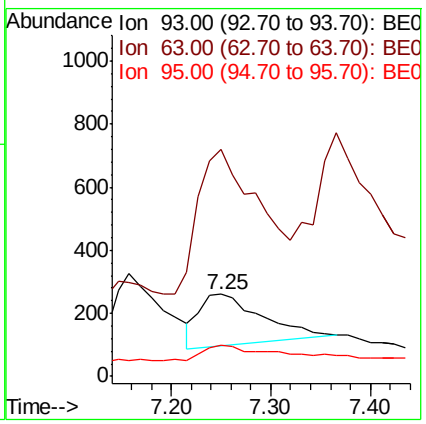


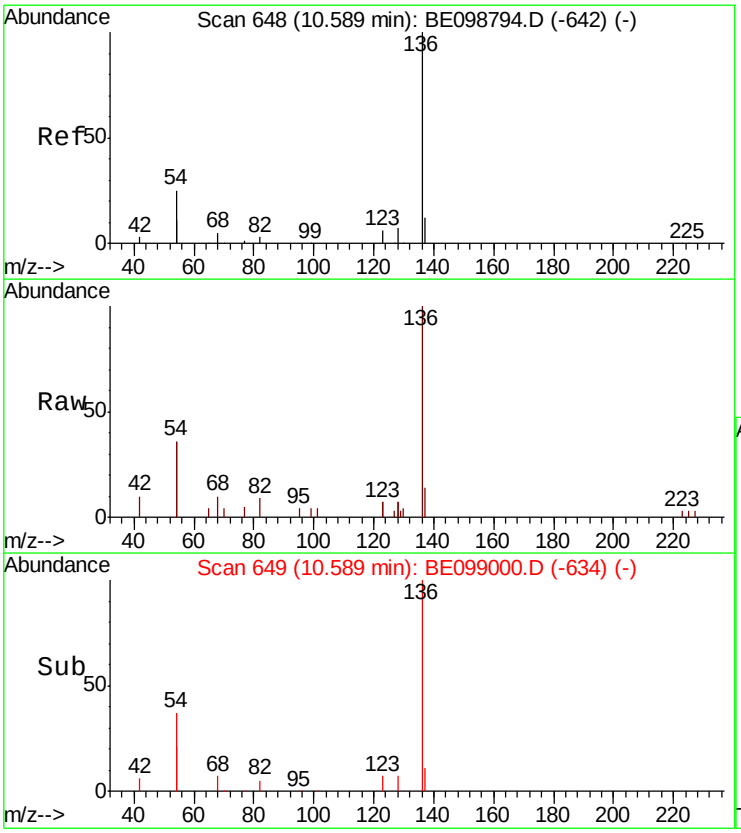
#6
bis(2-Chloroethyl)ether
Concen: 0.273 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.03 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion: 93 Resp: 721

Ion	Ratio	Lower	Upper
93	100		
63	279.9	247.5	371.3
95	29.8	21.8	32.8

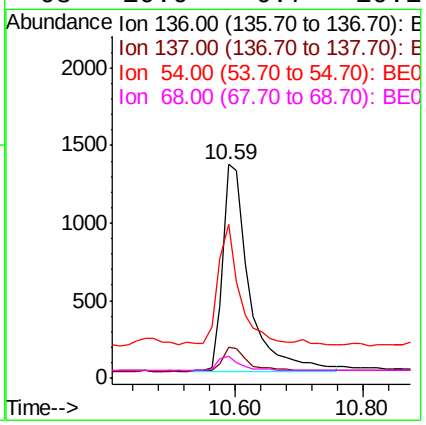


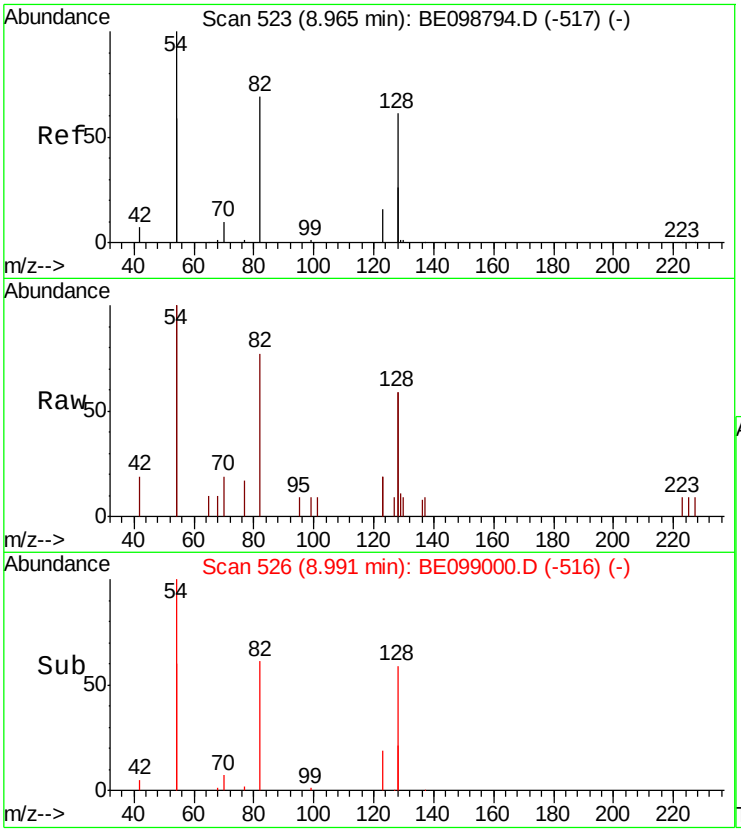


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:136 Resp: 3848

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.4	17.0
54	71.6	39.3	58.9#
68	10.0	6.7	10.1



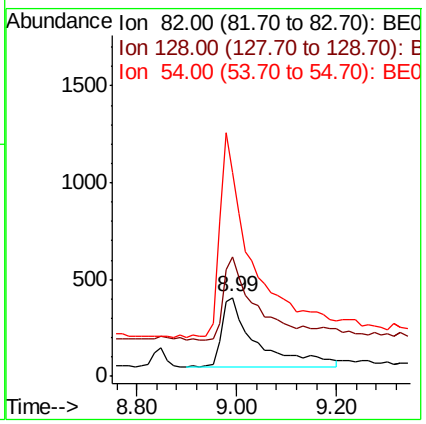


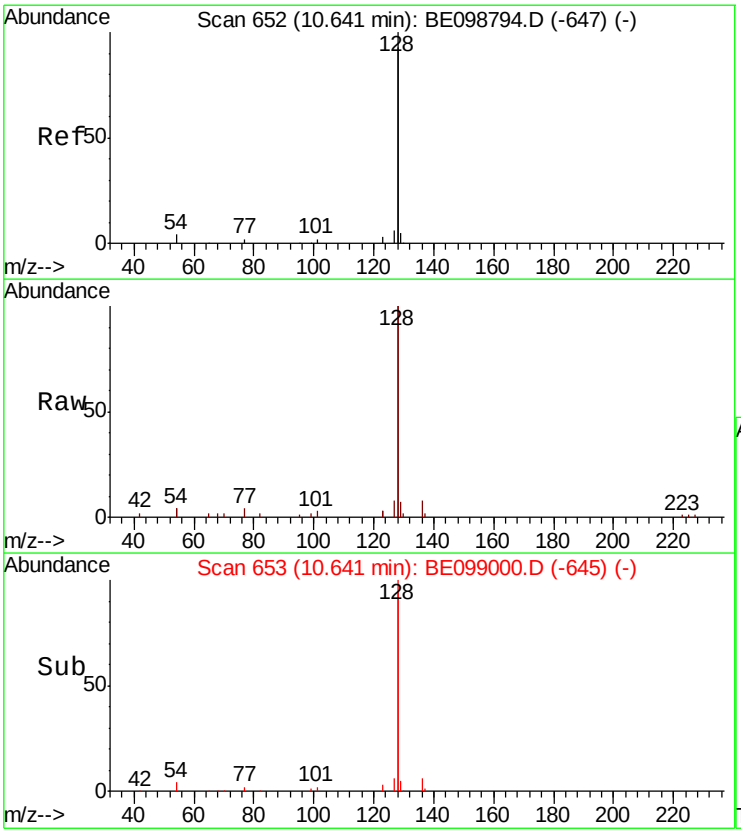
#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 8.99 min Scan# 526
Delta R.T. 0.03 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion: 82 Resp: 1680

Ion	Ratio	Lower	Upper
82	100		
128	152.2	123.8	185.8
54	260.1	203.4	305.2

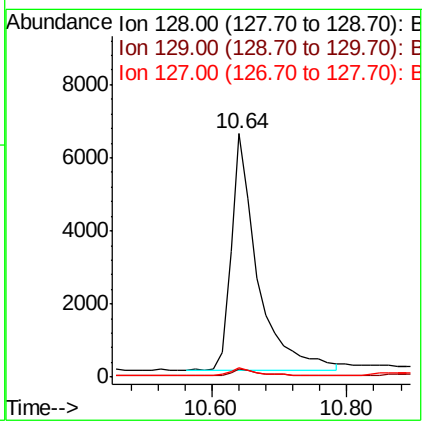


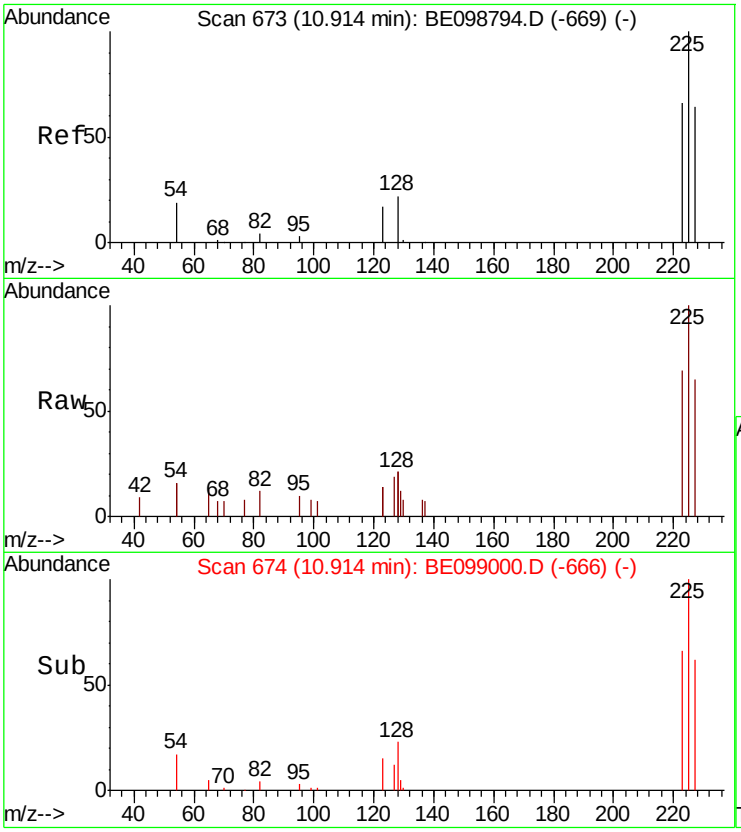


#9
Naphthalene
Concen: 0.397 ng
RT: 10.64 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:128 Resp: 17487

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	3.9	3.1	4.7



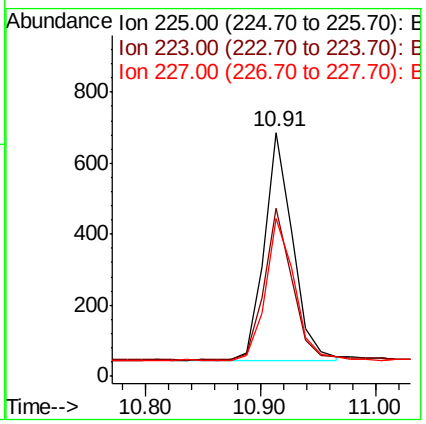


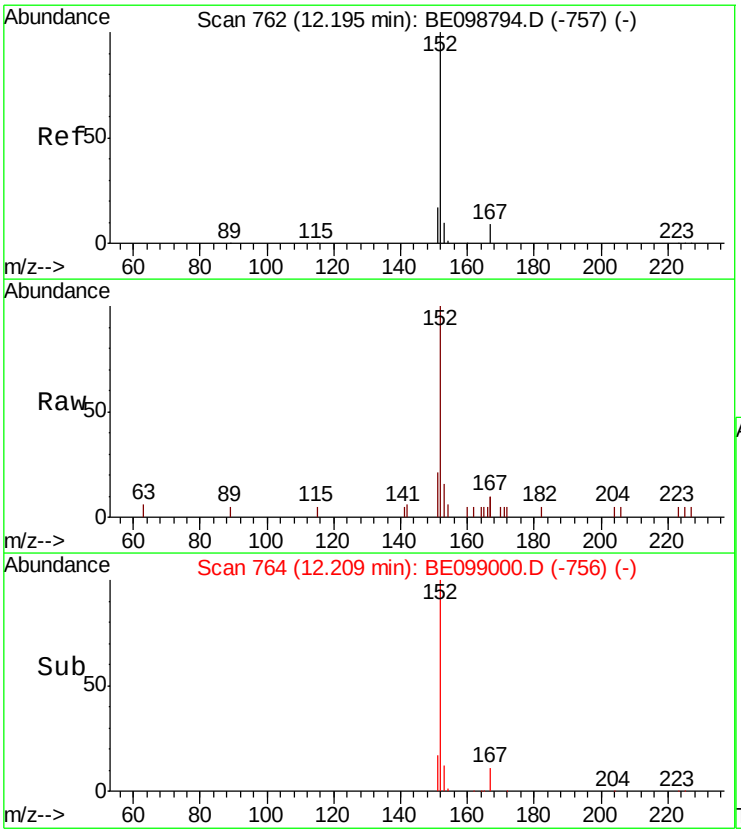
#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 10.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:225 Resp: 1122

Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.1	76.7
227	62.8	51.6	77.4

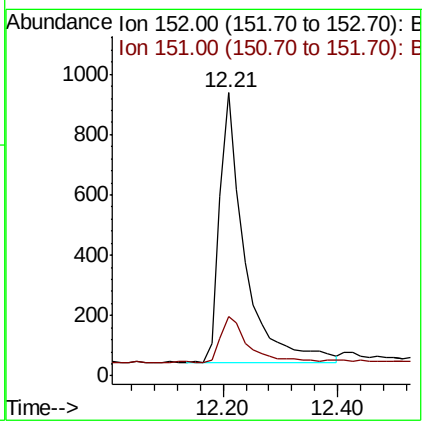


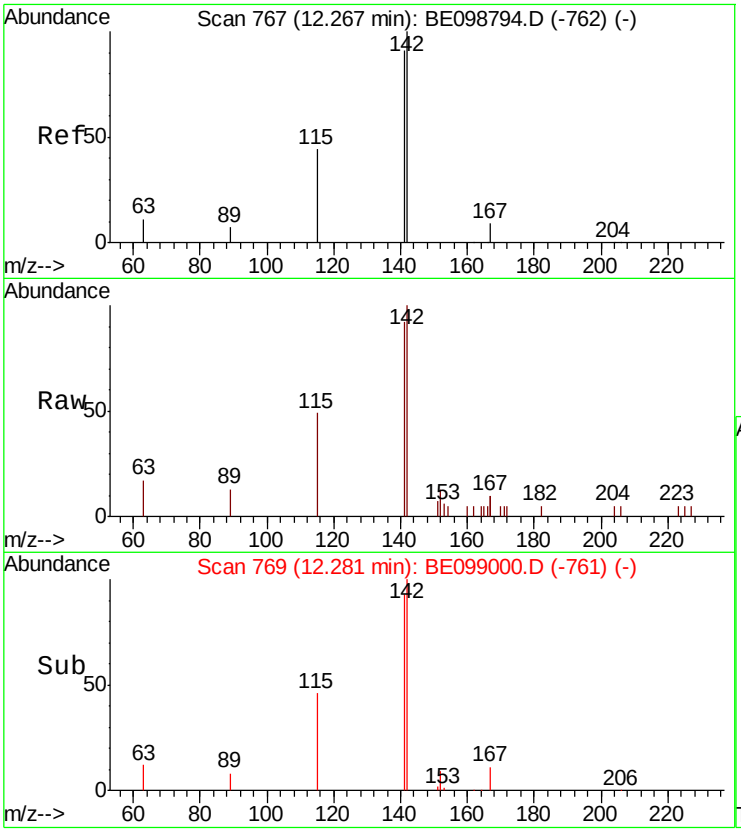


#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.21 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:152 Resp: 2712

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7



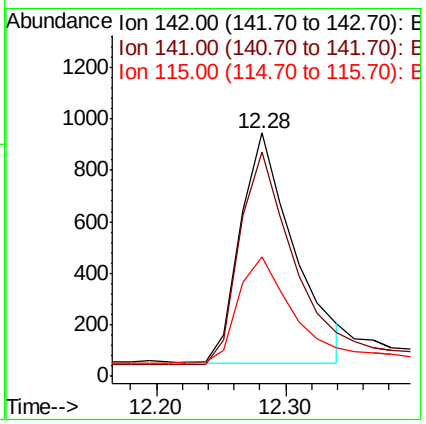


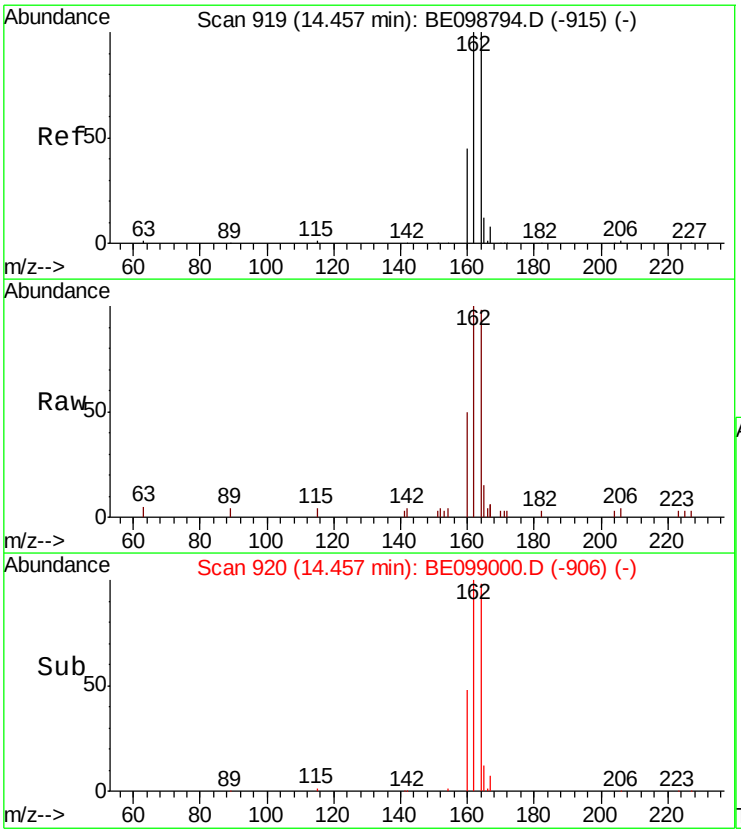
#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.28 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:142 Resp: 2572

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.6	108.8
115	49.0	37.4	56.2

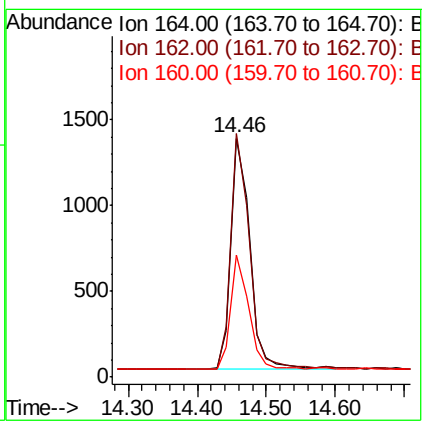


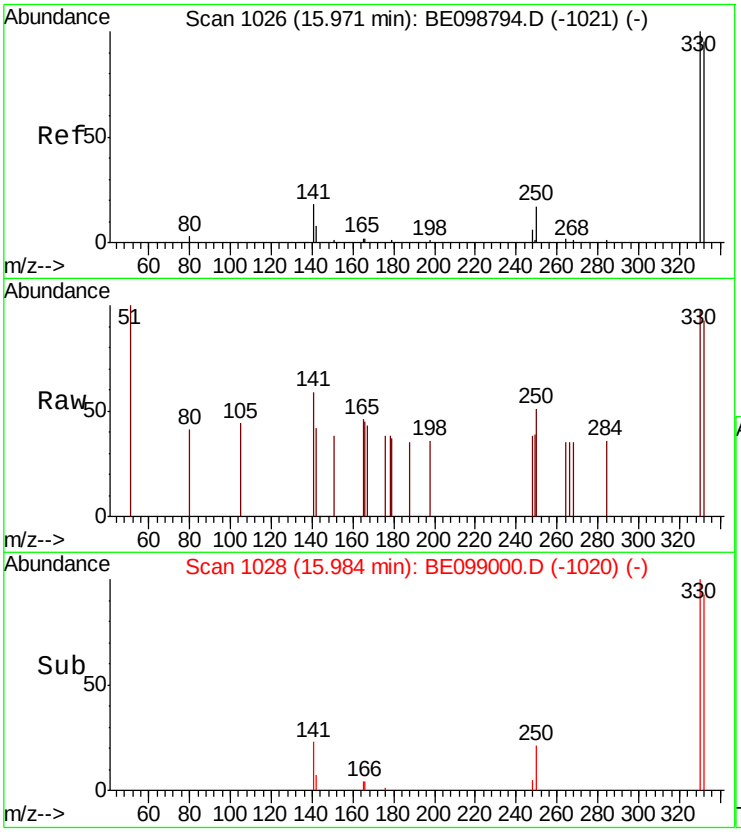


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:164 Resp: 2545

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	50.9	37.8	56.8



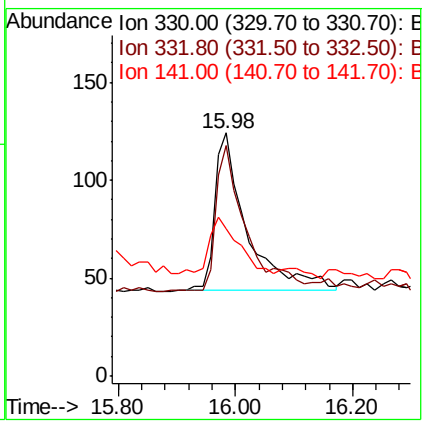


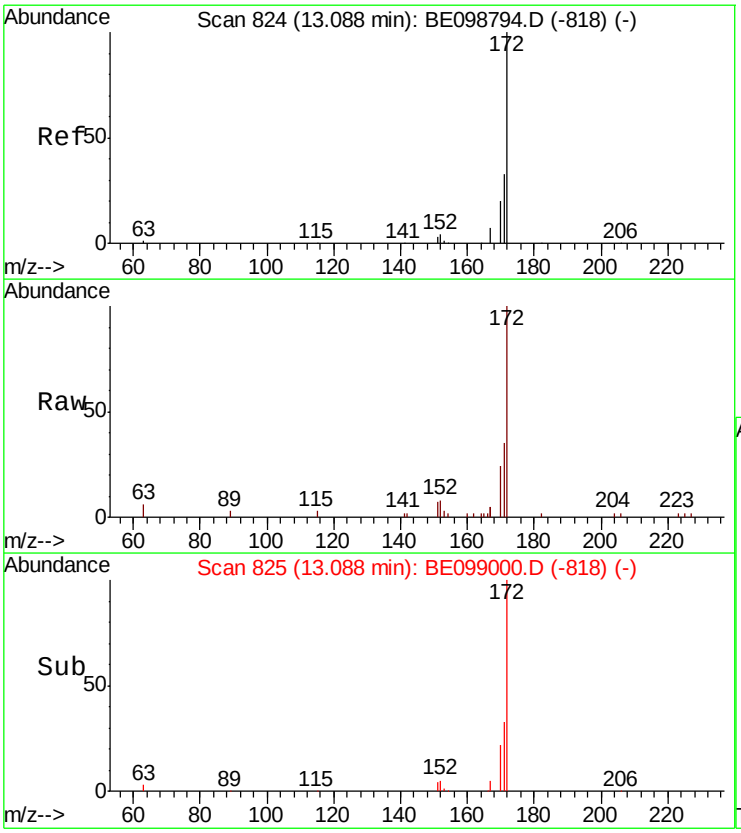
#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.98 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:330 Resp: 306

Ion	Ratio	Lower	Upper
330	100		
332	84.6	77.6	116.4
141	34.3	31.0	46.4

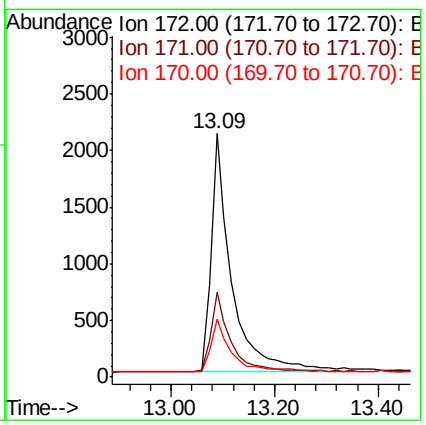


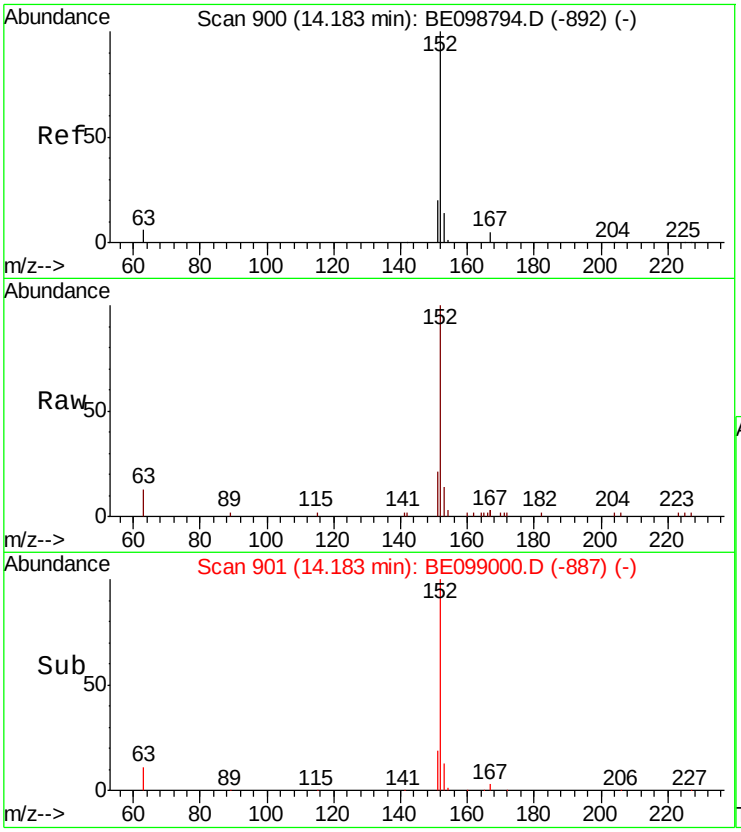


#15
2-Fluorobiphenyl
Concen: 0.552 ng
RT: 13.09 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:172 Resp: 5816

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.8	17.7	26.5



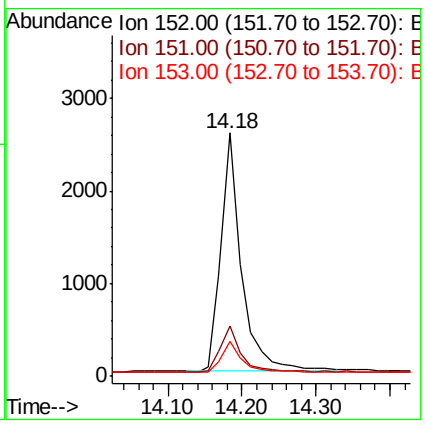


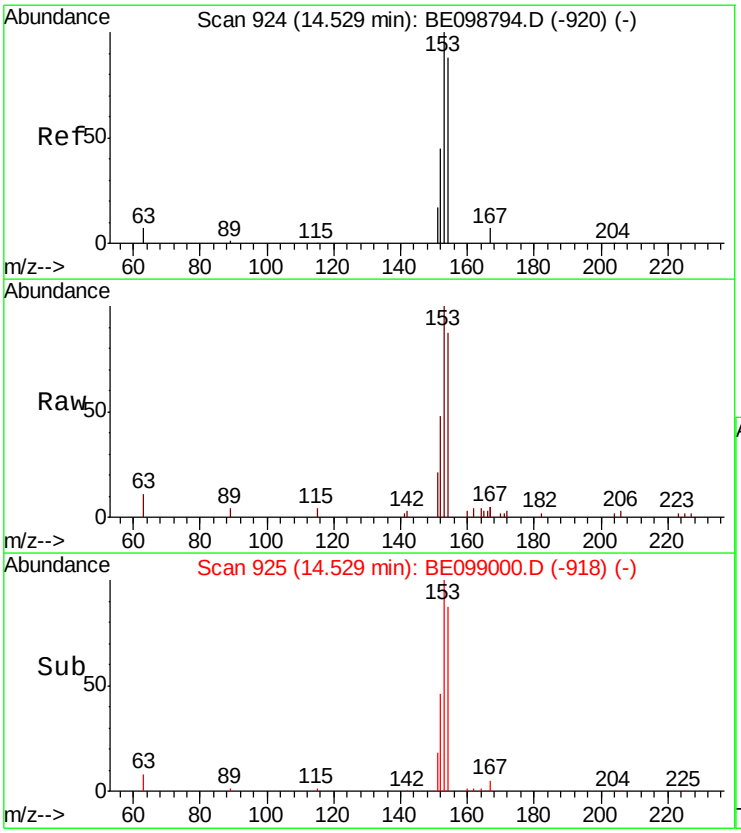
#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:152 Resp: 4995

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.0	25.6
153	13.0	11.2	16.8

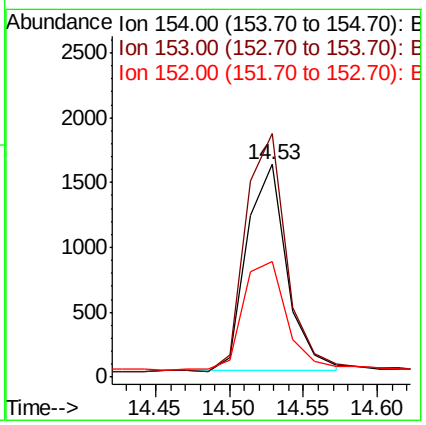


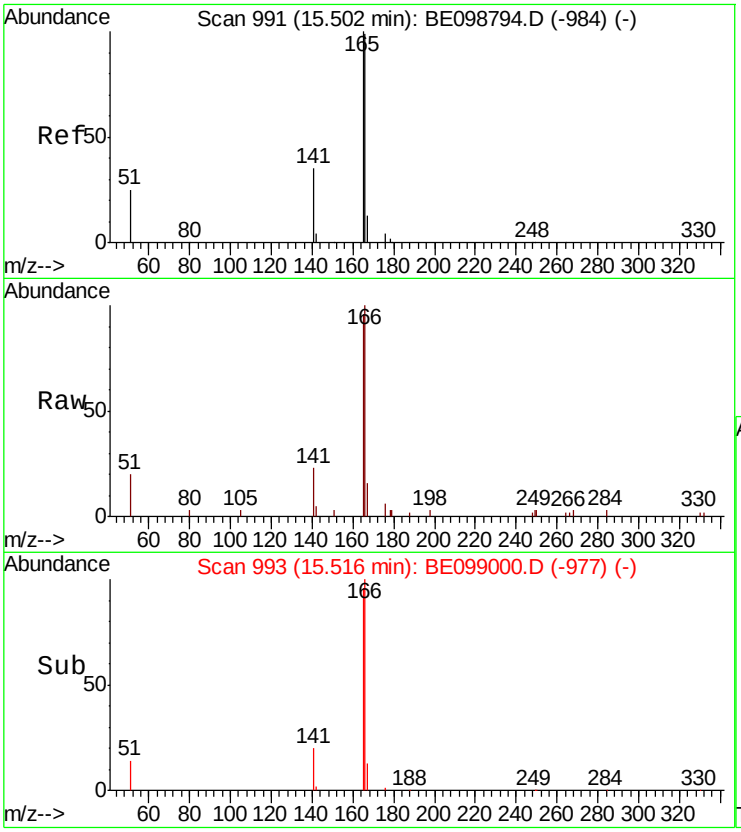


#17
Acenaphthene
Concen: 0.391 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:154 Resp: 3038

Ion	Ratio	Lower	Upper
154	100		
153	116.4	94.2	141.4
152	57.2	45.0	67.4



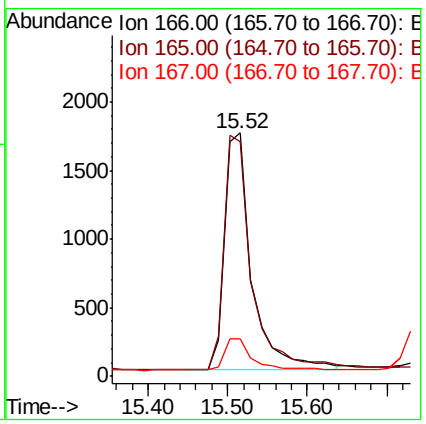


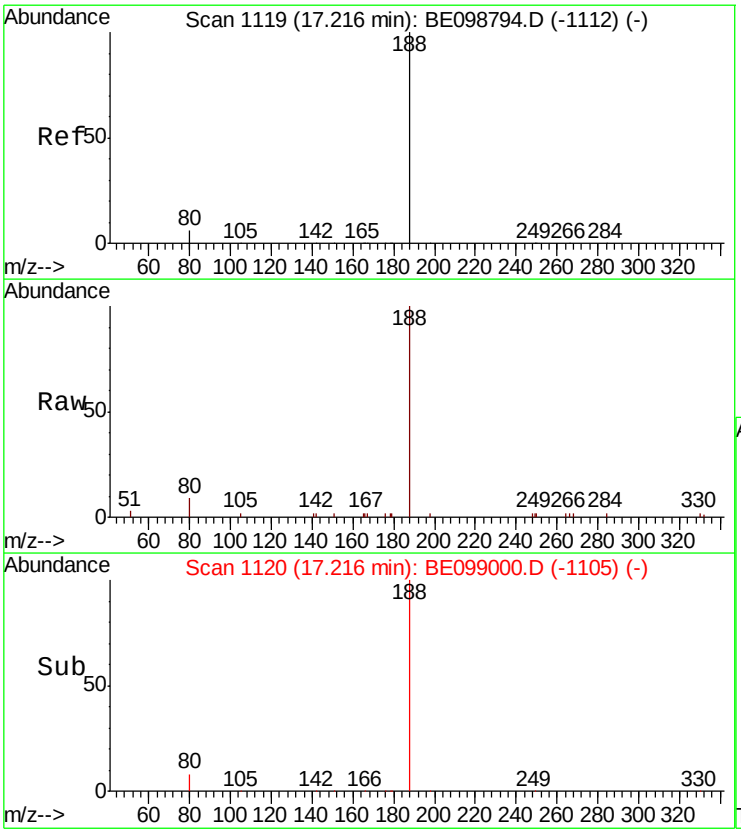
#18
Fluorene
Concen: 0.369 ng
RT: 15.52 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:166 Resp: 4127

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.5	10.5	15.7

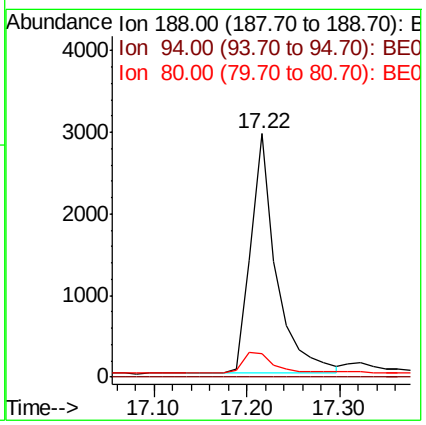


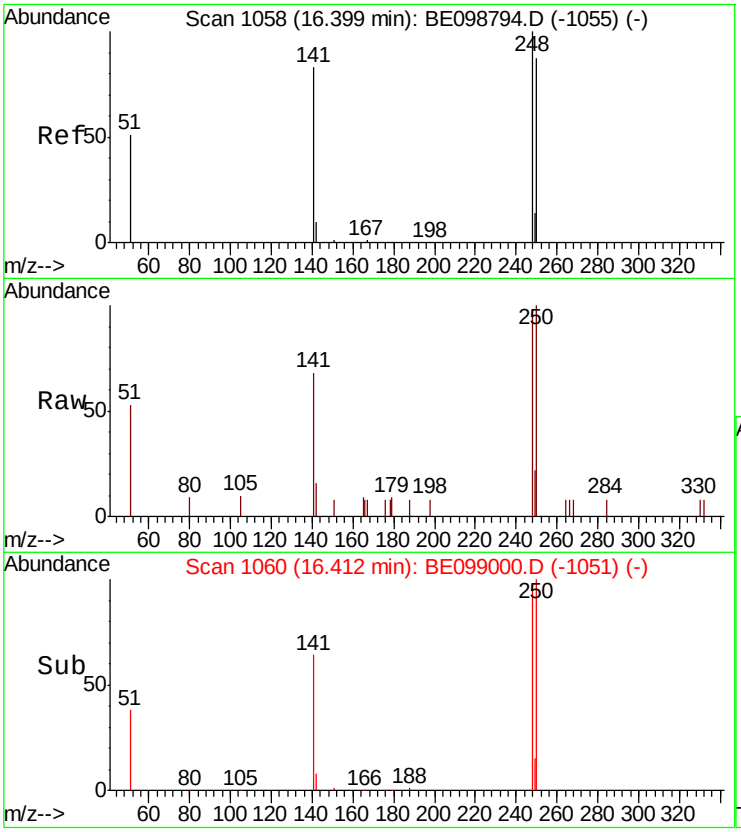


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:188 Resp: 5649

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.3	9.5



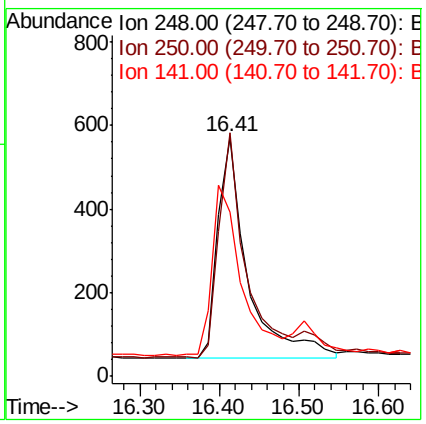


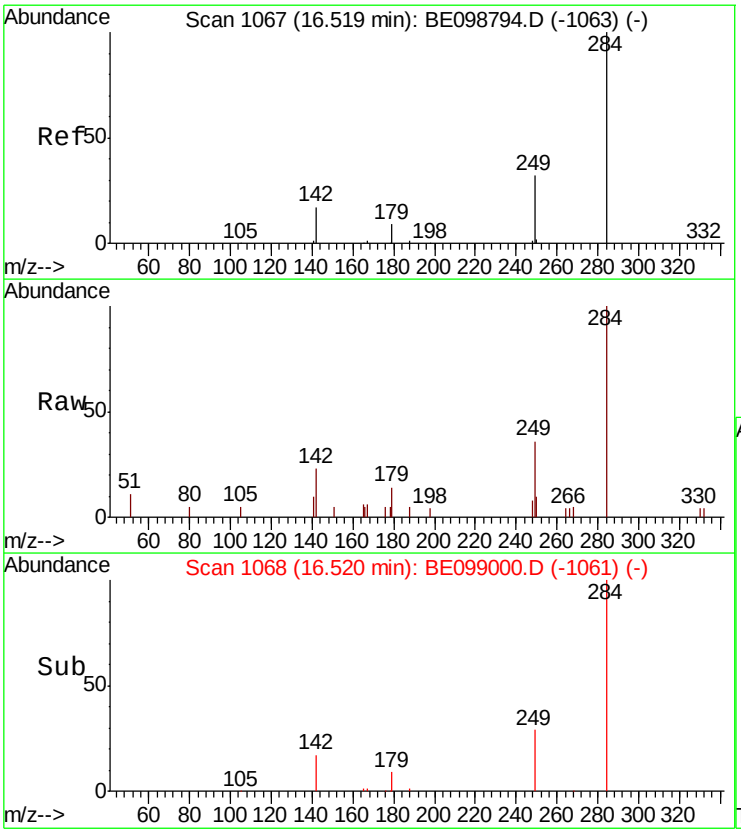
#20
4-Bromophenyl-phenylether
Concen: 0.444 ng
RT: 16.41 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:248 Resp: 1360

Ion	Ratio	Lower	Upper
248	100		
250	101.9	70.6	105.8
141	69.0	68.6	102.8

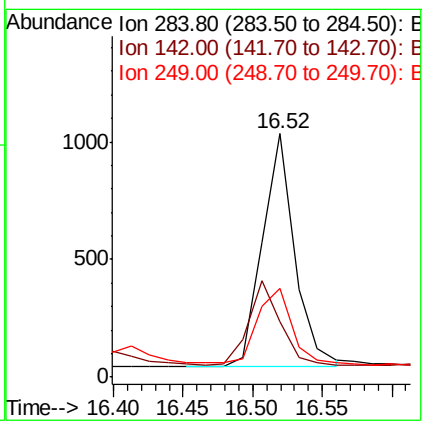


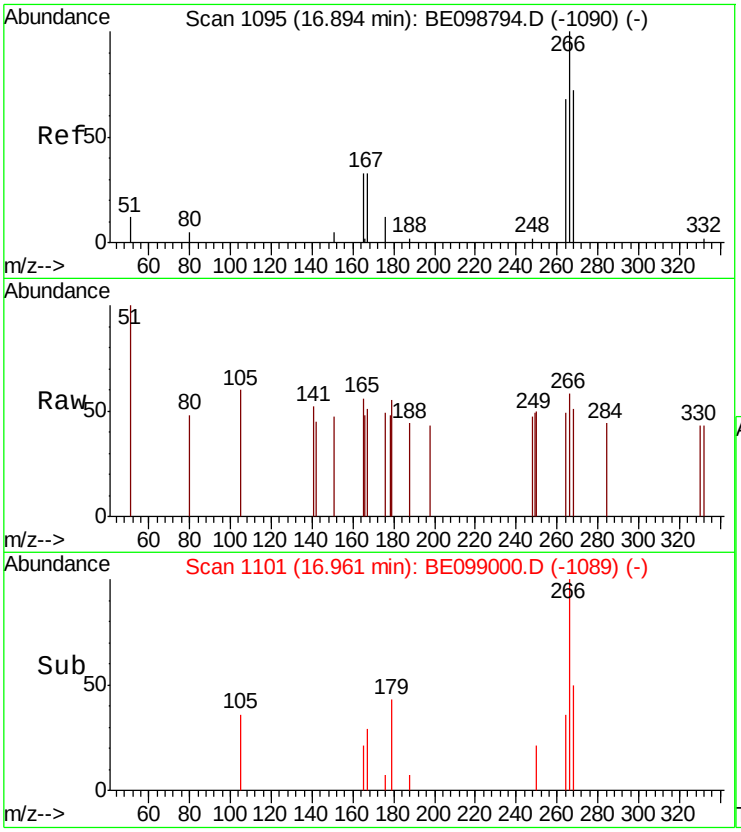


#21
Hexachlorobenzene
Concen: 0.437 ng
RT: 16.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:284 Resp: 1590

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.7	43.1
249	33.8	29.6	44.4



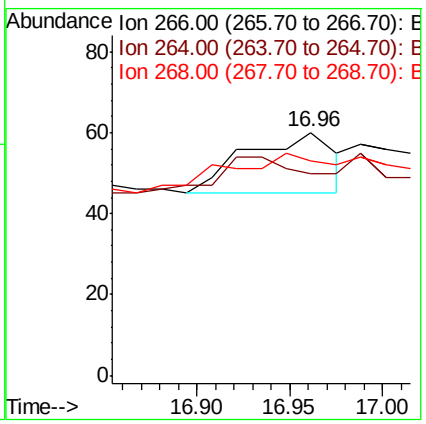


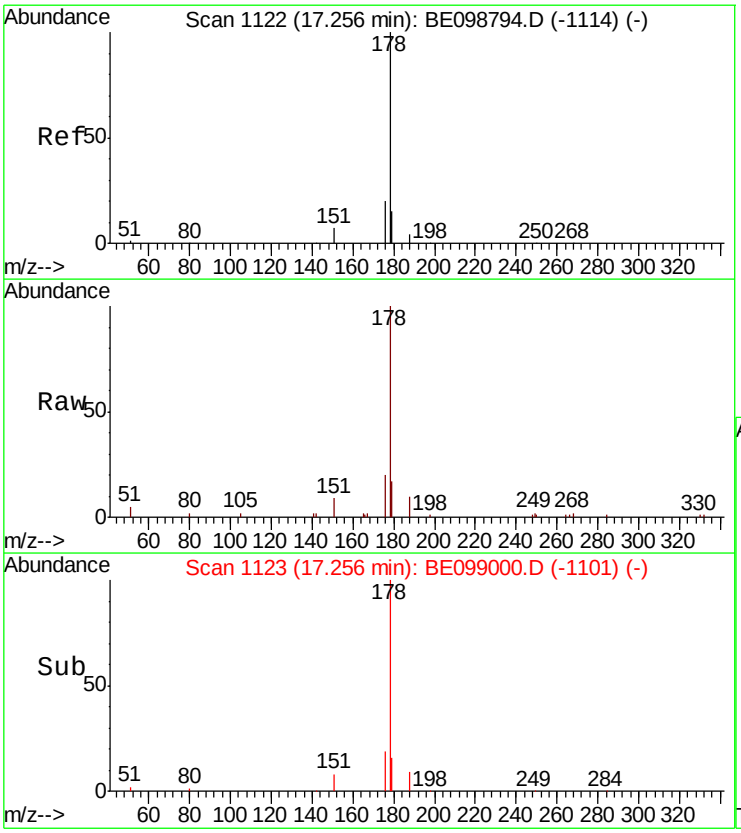
#22
Pentachlorophenol
Concen: 0.305 ng
RT: 16.96 min Scan# 1101
Delta R.T. 0.07 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:266 Resp: 50

Ion	Ratio	Lower	Upper
266	100		
264	83.3	66.6	100.0
268	88.3	69.8	104.8

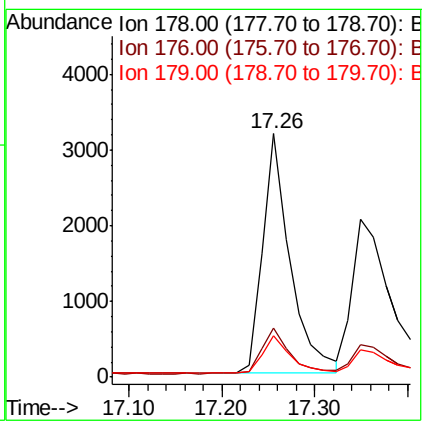


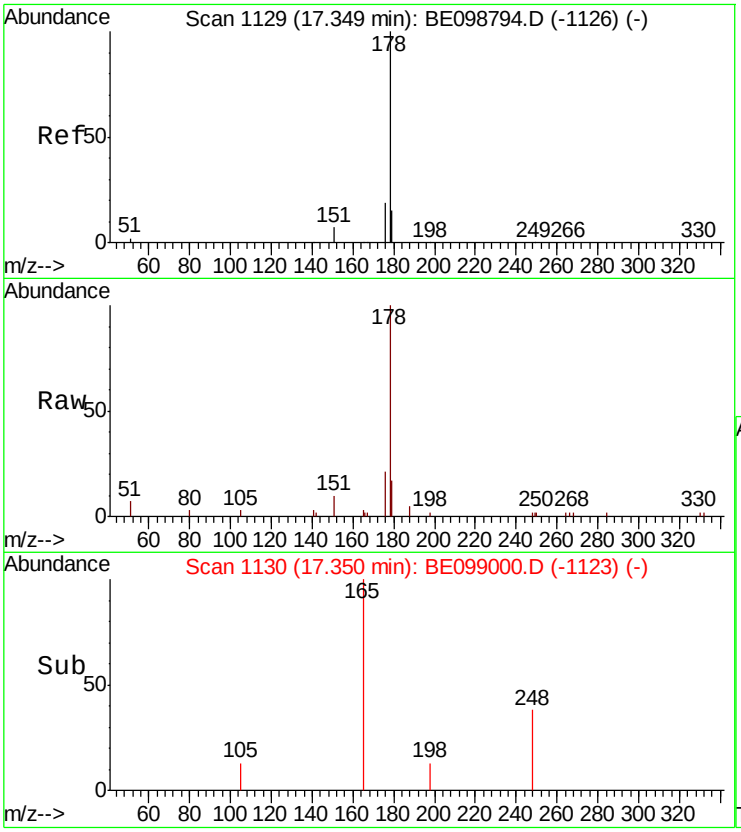


#23
Phenanthrene
Concen: 0.409 ng
RT: 17.26 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:178 Resp: 6571

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.8	12.1	18.1



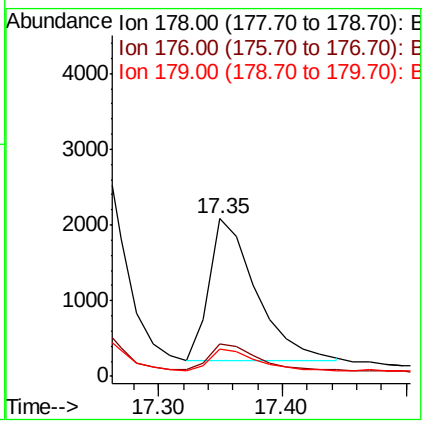


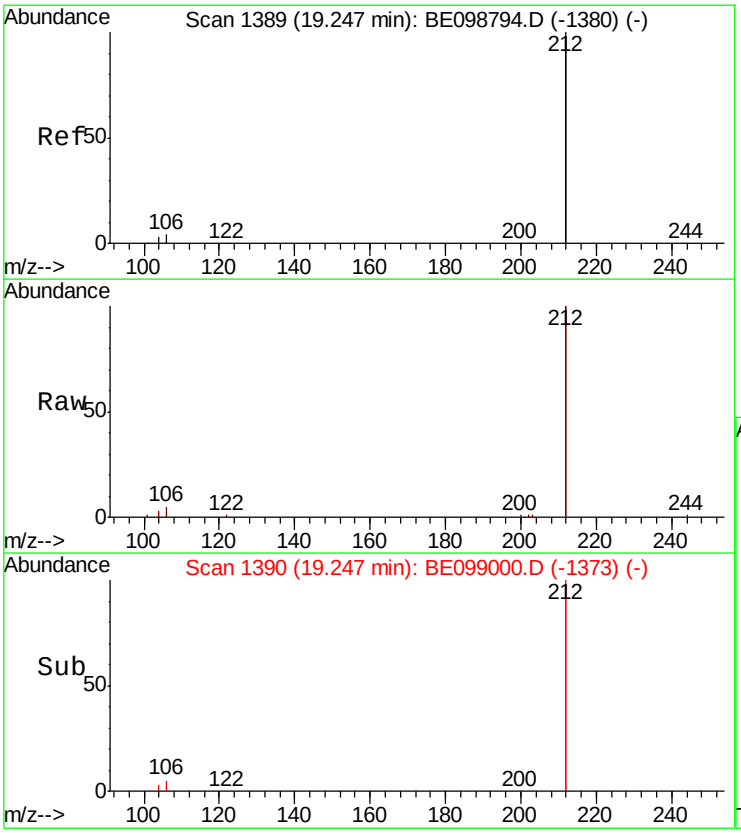
#24
Anthracene
Concen: 0.355 ng
RT: 17.35 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:178 Resp: 4873

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	15.0	12.2	18.4

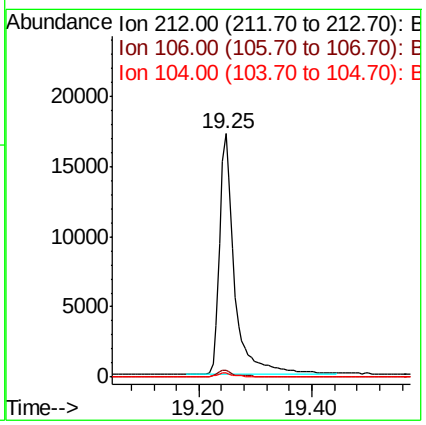


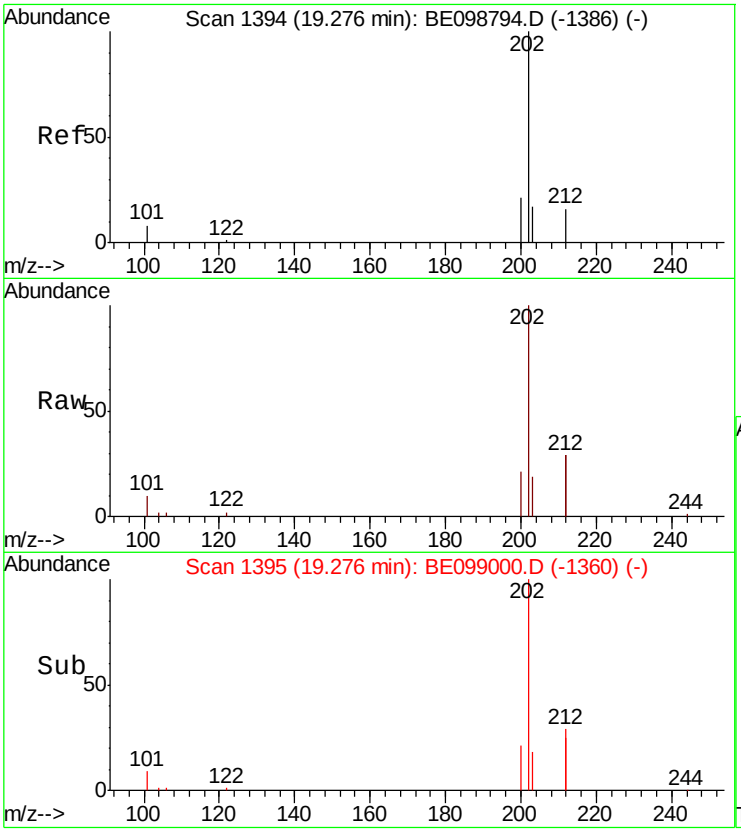


#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:212 Resp: 32443

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6



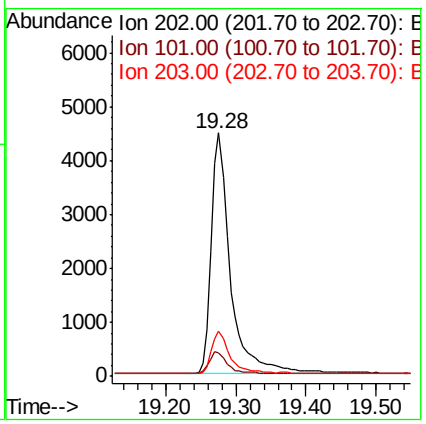


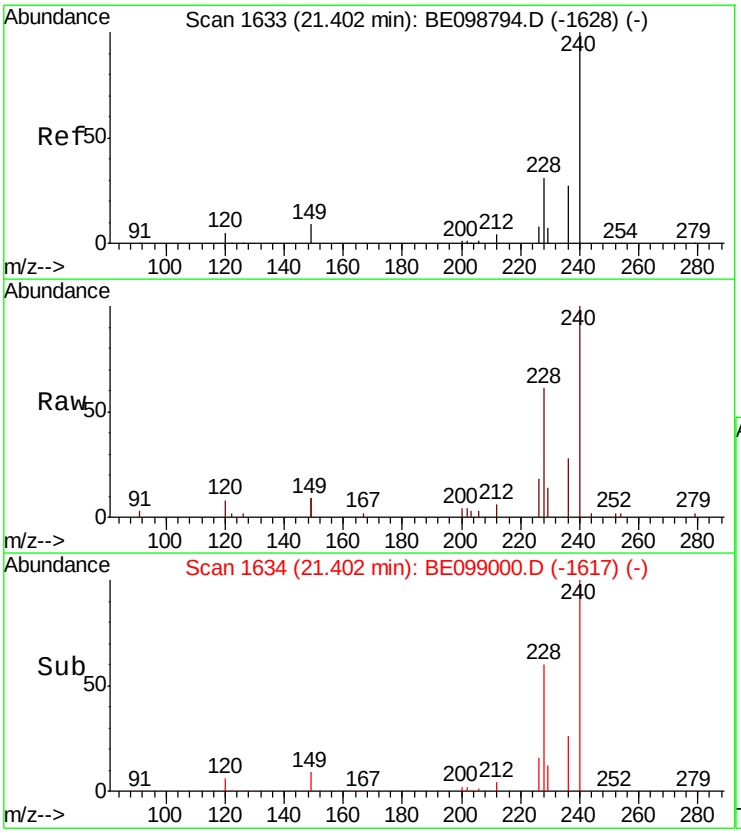
#26
Fluoranthene
Concen: 0.372 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:202 Resp: 8429

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.3	13.4	20.2

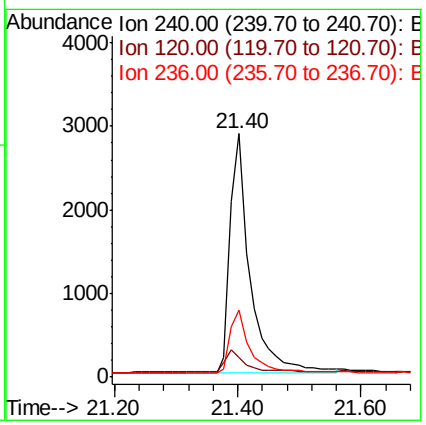


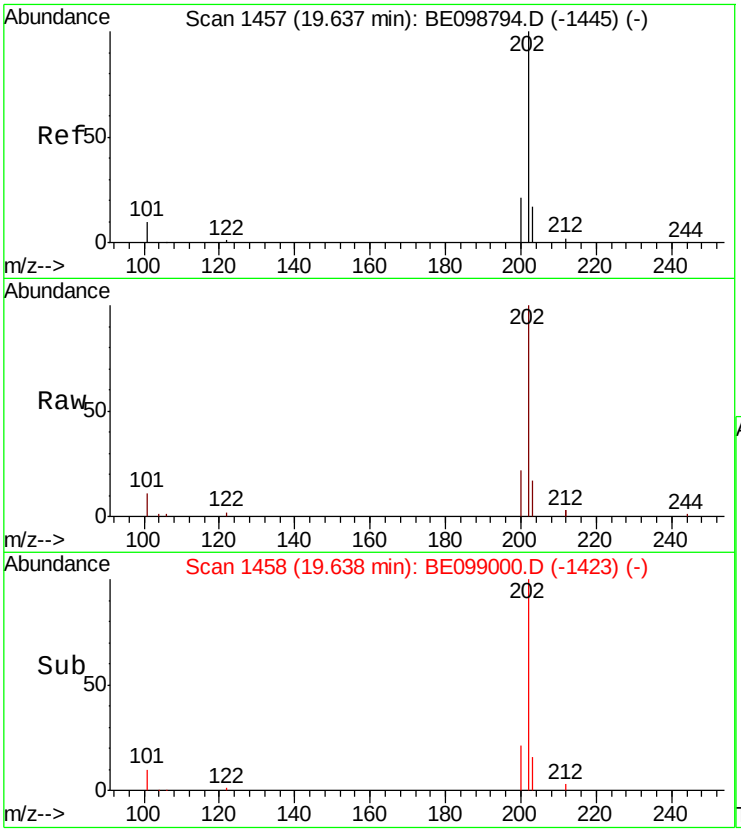


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:240 Resp: 6449

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.0	7.4#
236	27.7	22.7	34.1



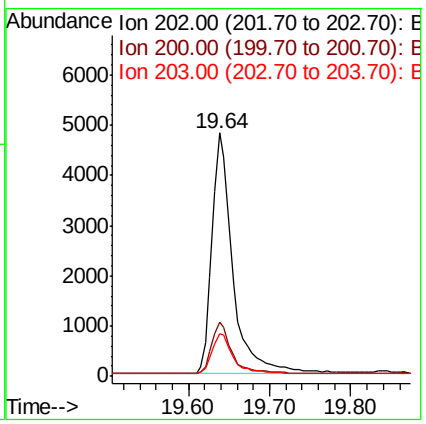


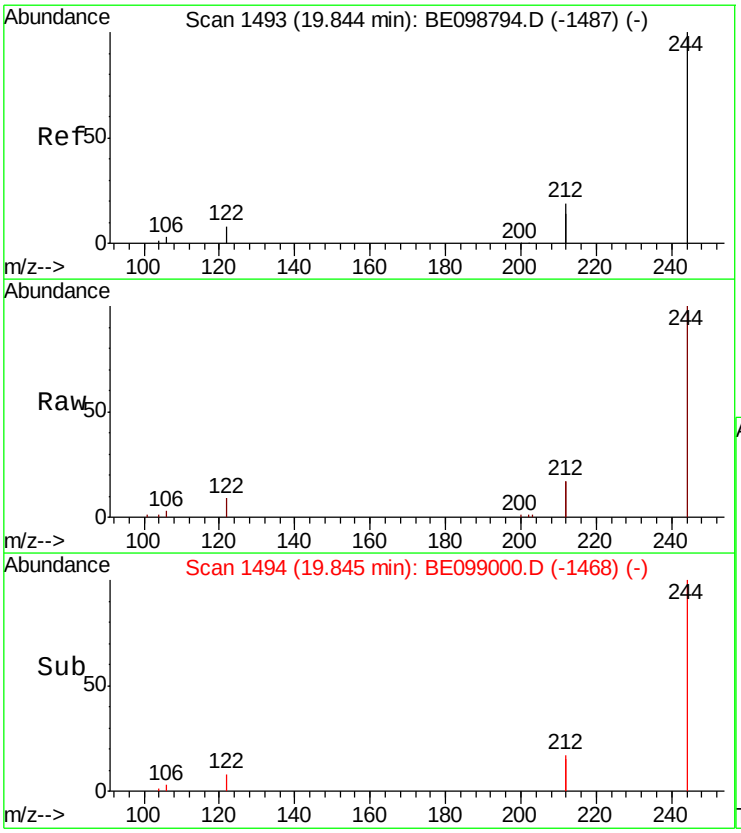
#28
Pyrene
Concen: 0.436 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:202 Resp: 8594

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.3	14.2	21.2

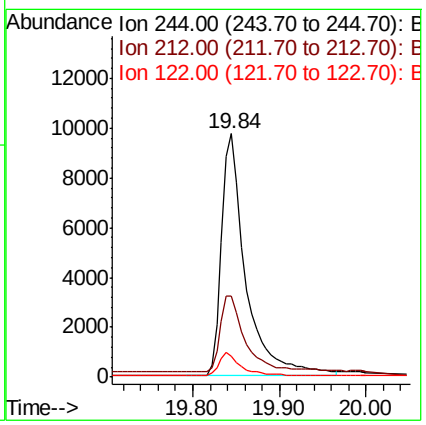


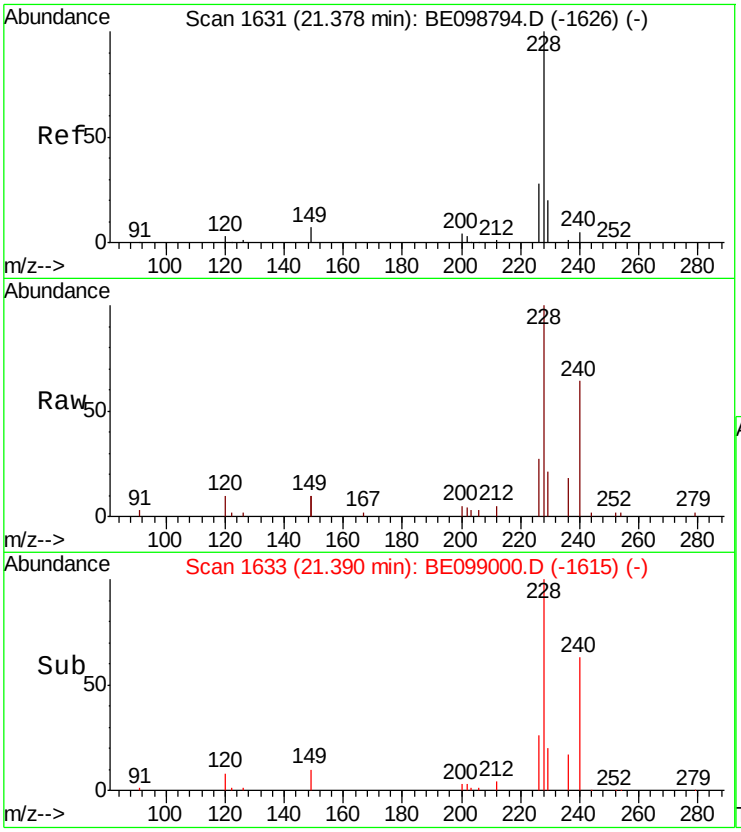


#29
Terphenyl-d14
Concen: 1.217 ng
RT: 19.84 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:244 Resp: 19070

Ion	Ratio	Lower	Upper
244	100		
212	33.5	29.4	44.2
122	8.8	7.1	10.7



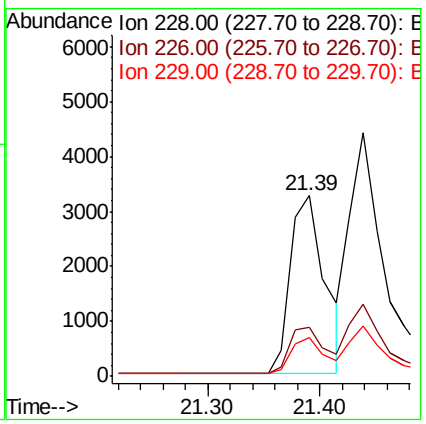


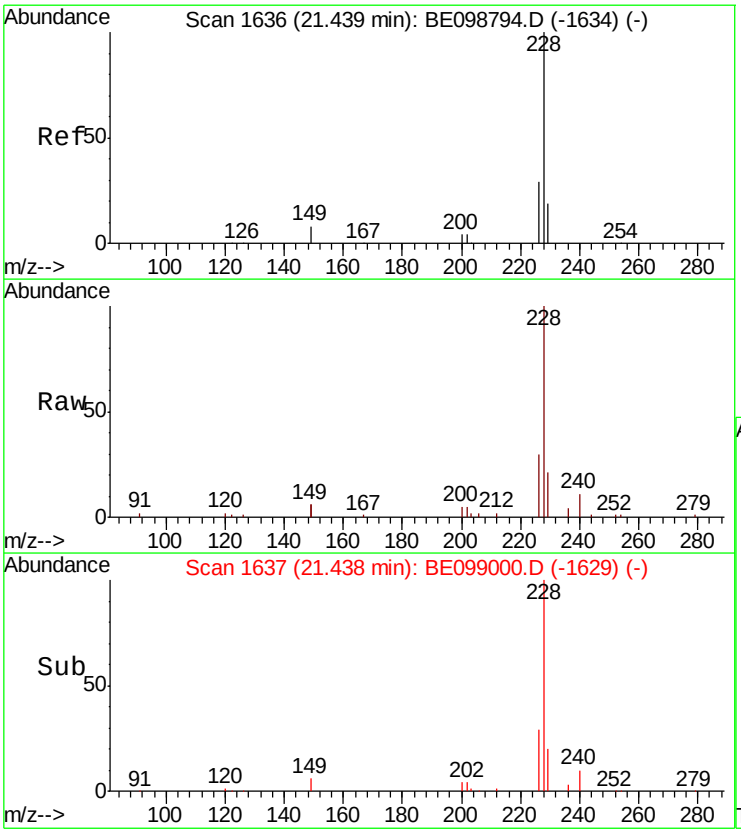
#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.39 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:228 Resp: 6940

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	21.2	16.5	24.7

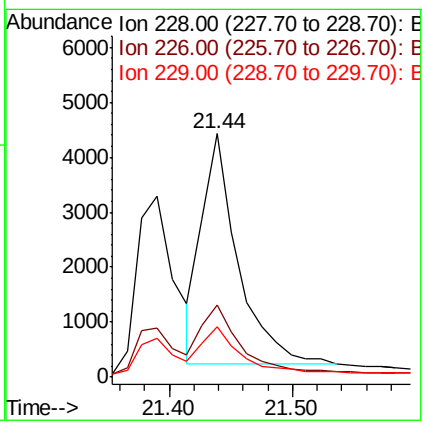


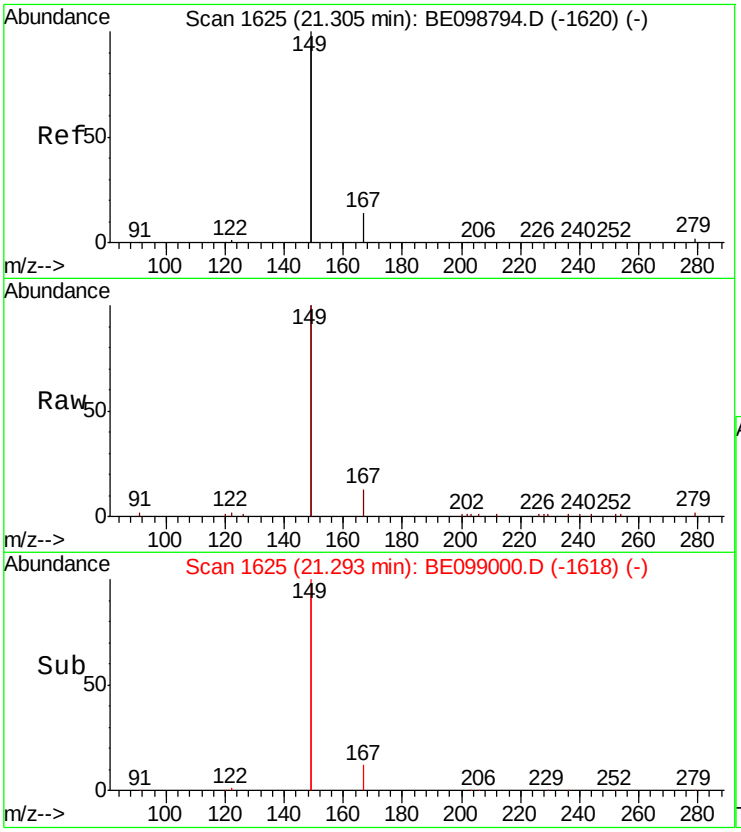


#31
Chrysene
Concen: 0.392 ng
RT: 21.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:228 Resp: 8446

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	20.5	16.1	24.1



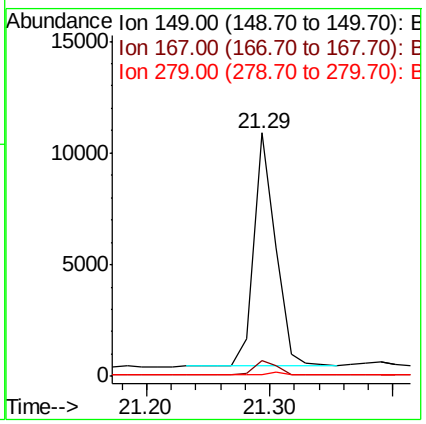


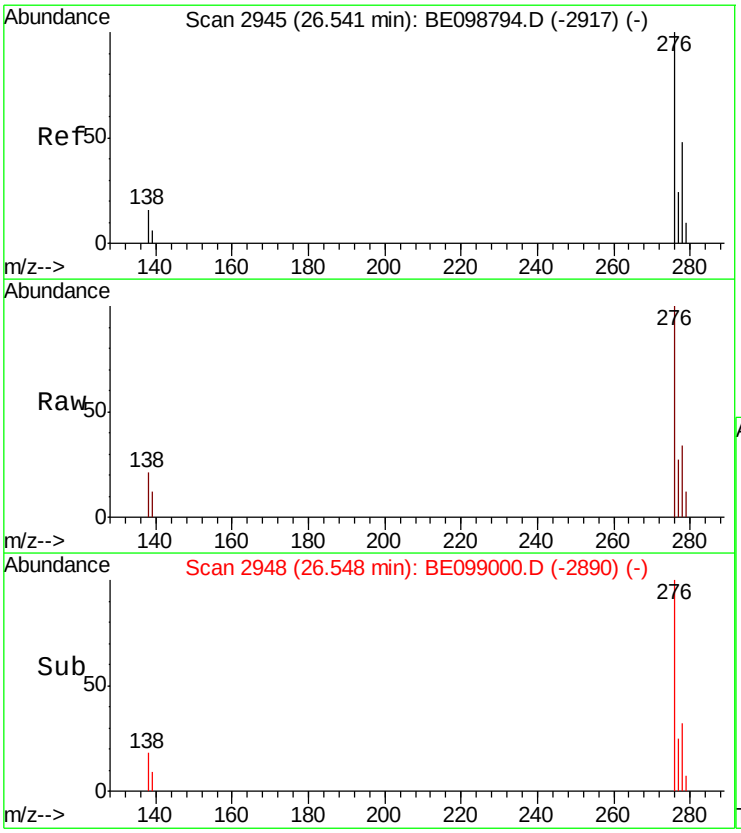
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.29 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:149 Resp: 12932

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.2	1.0	1.4

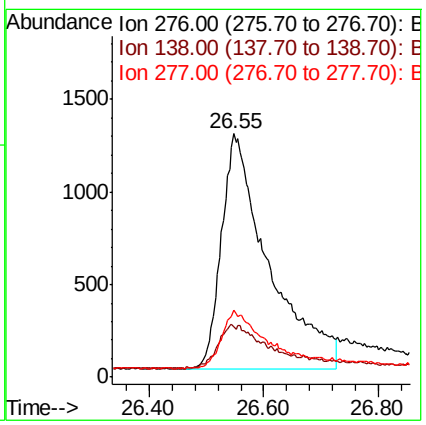


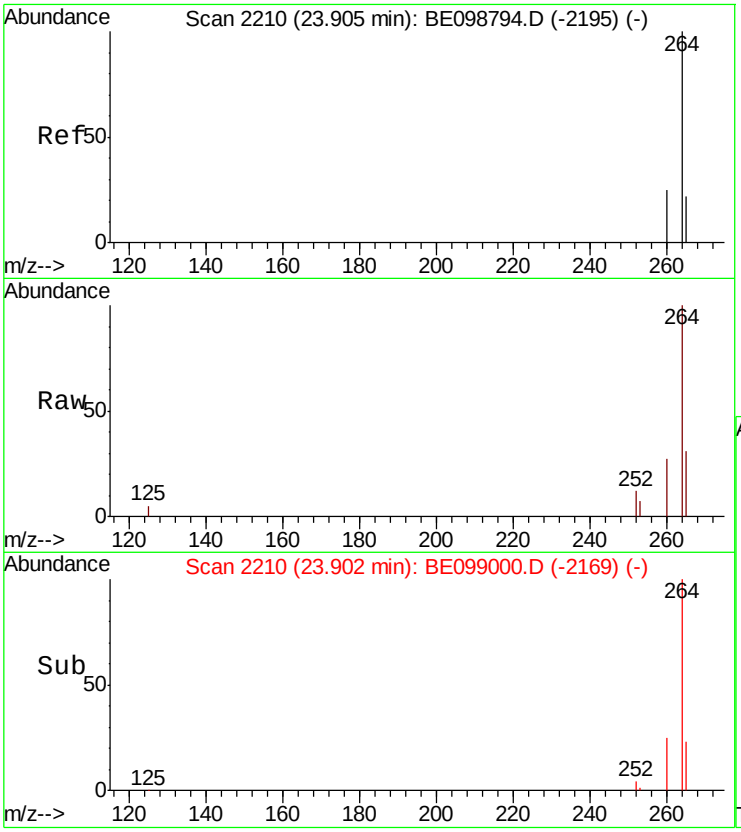


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:276 Resp: 7249

Ion	Ratio	Lower	Upper
276	100		
138	6.9	13.8	20.8#
277	20.9	19.5	29.3



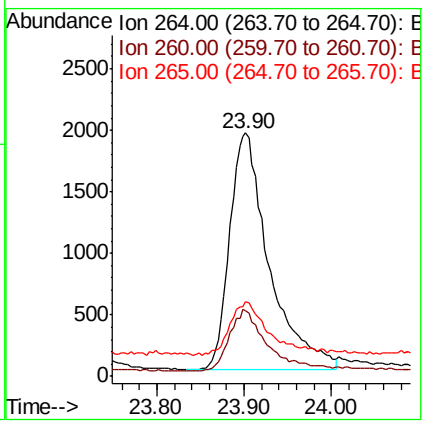


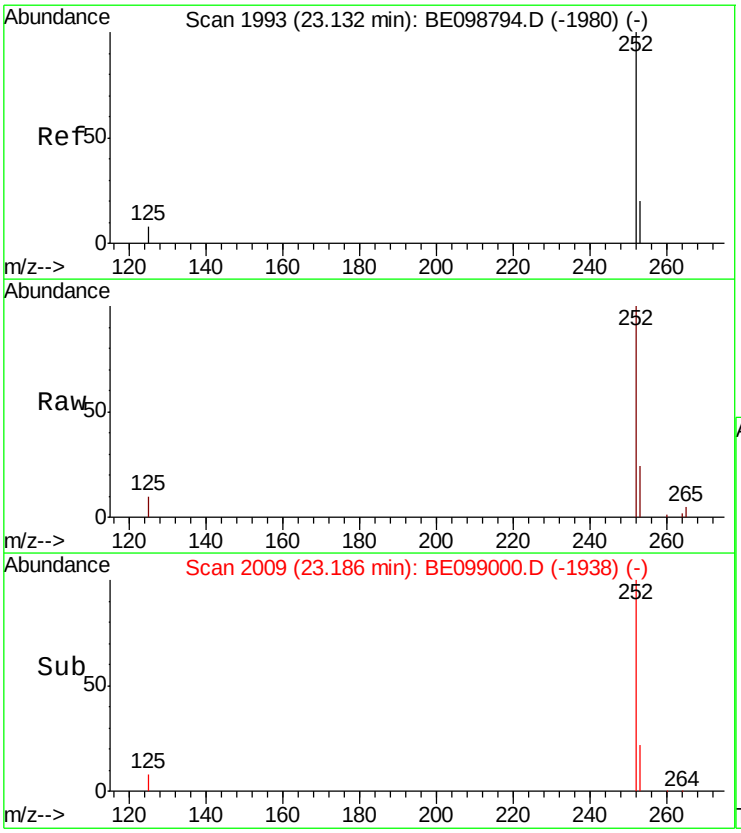
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:264 Resp: 6075

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	30.8	24.6	36.8

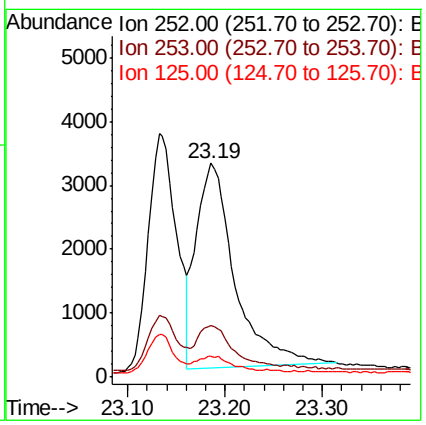


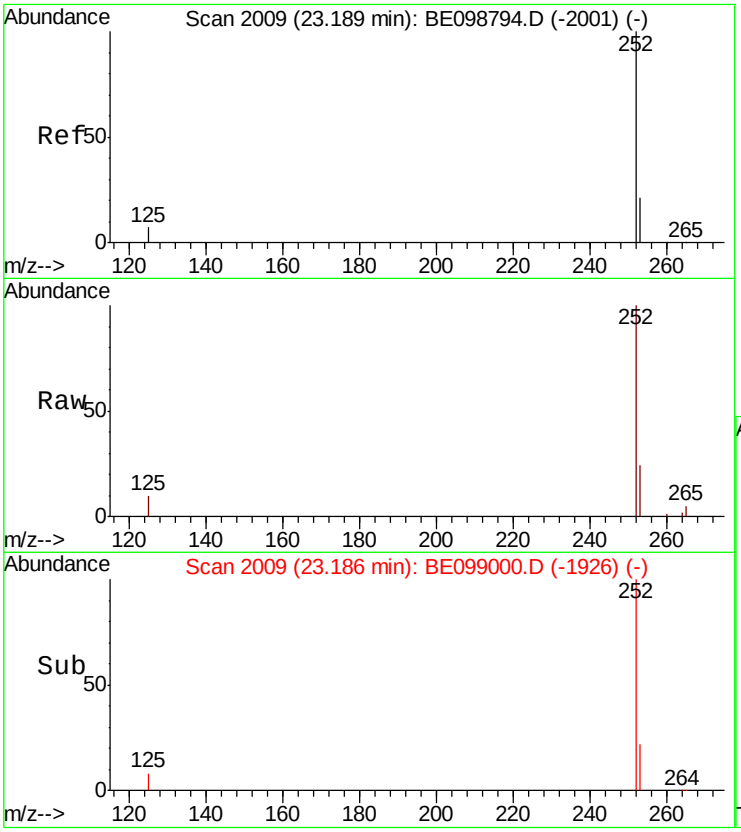


#35
Benzo(b)fluoranthene
Concen: 0.446 ng
RT: 23.19 min Scan# 2009
Delta R.T. 0.05 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:252 Resp: 8909

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	9.7	7.3	10.9



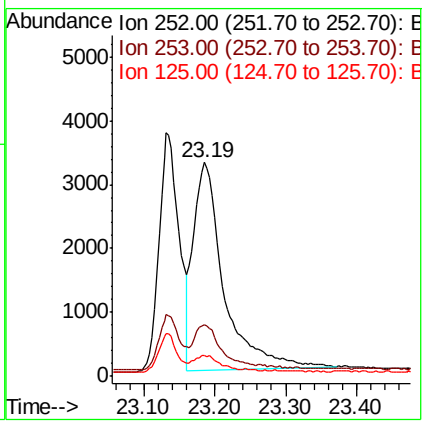


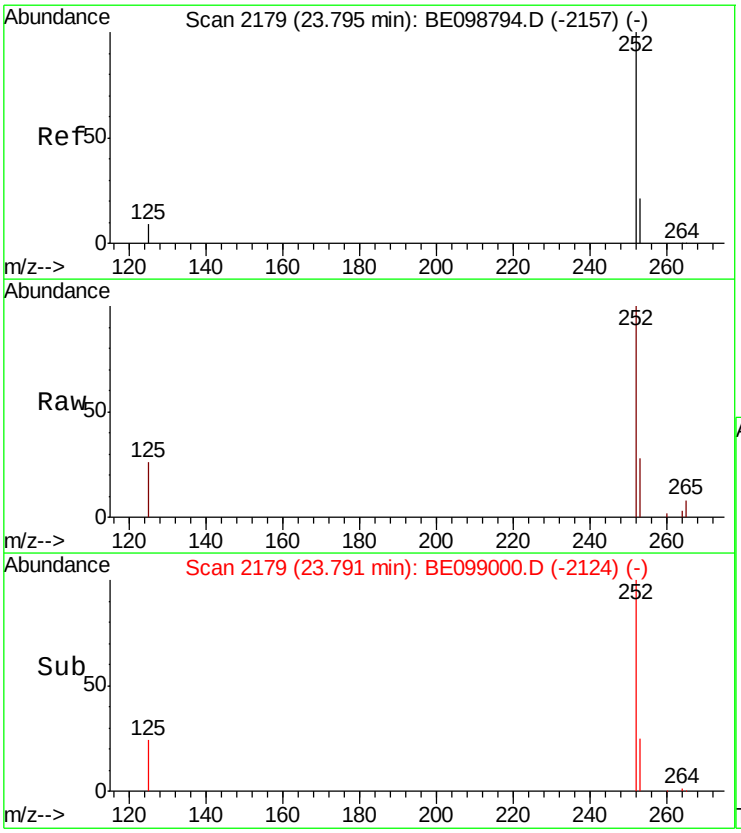
#36
Benzo(k)fluoranthene
Concen: 0.462 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:252 Resp: 9652

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	9.7	7.5	11.3

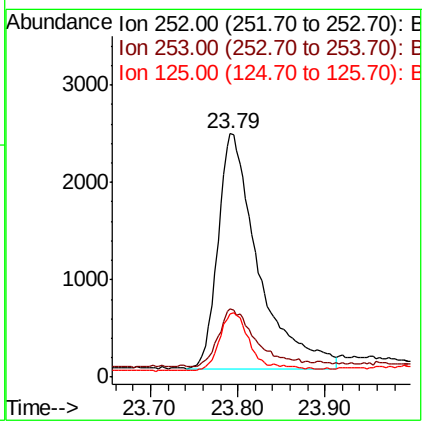


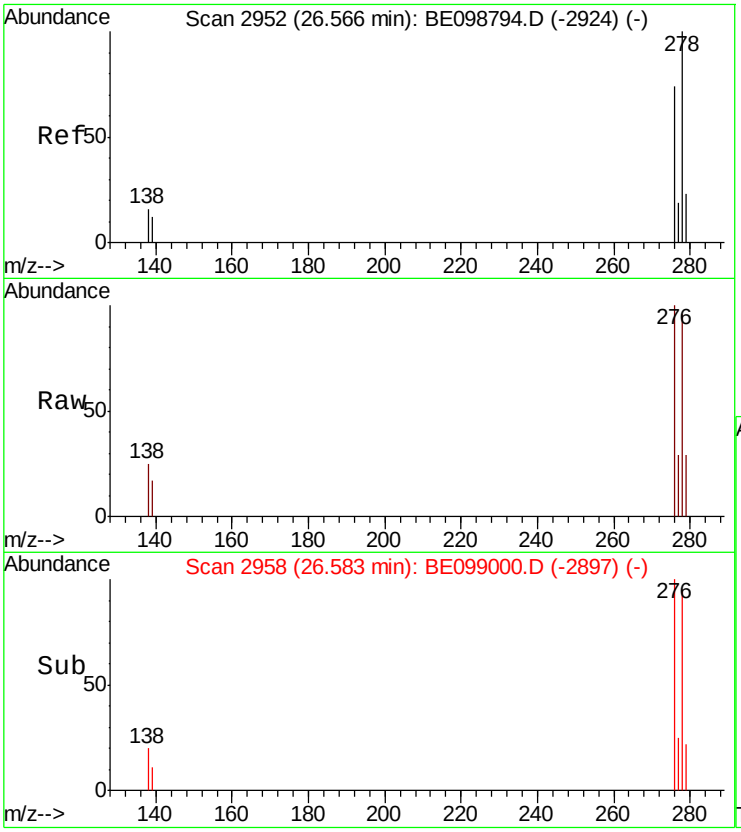


#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.79 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:252 Resp: 7770

Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.9	29.9
125	26.1	9.0	13.4#



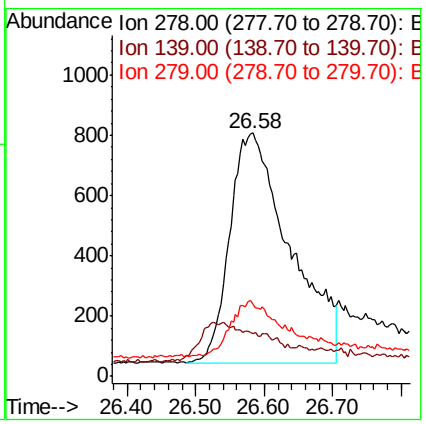


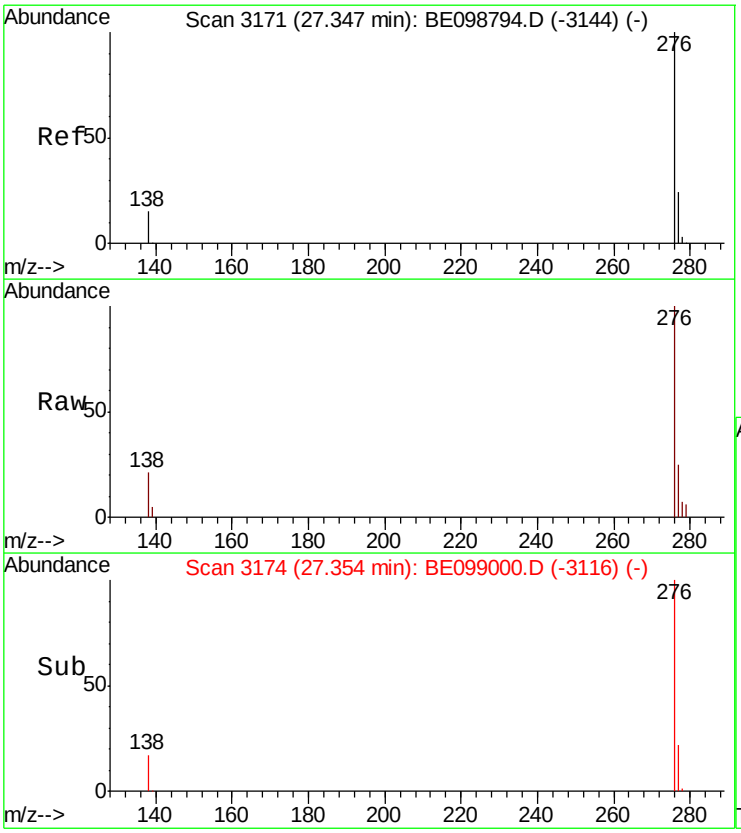
#38
Dibenzo(a,h)anthracene
Concen: 0.257 ng
RT: 26.58 min Scan# 2958
Delta R.T. 0.02 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Instrument :
BNA_E
ClientSampleId :
PB117987BSD

Tgt Ion:278 Resp: 4648

Ion	Ratio	Lower	Upper
278	100		
139	17.6	11.8	17.6
279	29.8	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.304 ng
RT: 27.35 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE099000.D
Acq: 18 Mar 2019 14:42

Tgt Ion:276 Resp: 5766

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.4	30.6
138	20.6	13.6	20.4#