Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098830.D
Acq On : 8 Mar 2019 10:03
Operator : JU/SJ
Sample : PB117716BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117716BS

Quant Time: Mar 08 11:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	851	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3501	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2283	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5985	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7313	0.40	ng		0.00
34) Perylene-d12	23.90	264	7151	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	911	0.36	ng		0.00
5) Phenol-d6	6.99	99	1289	0.36	ng		0.00
8) Nitrobenzene-d5	8.96	82	1273	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2556	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	425	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3731	0.39	ng		0.00
25) Fluoranthene-d10	19.24	212	34443	0.36	ng		0.00
29) Terphenyl-d14	19.84	244	6785	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	615	0.365	ng		98
3) n-Nitrosodimethylamine	3.63	42	654	0.305	ng	#	96
6) bis(2-Chloroethyl)ether	7.22	93	924	0.333	ng		99
9) Naphthalene	10.63	128	15773	0.393	ng		99
10) Hexachlorobutadiene	10.91	225	1027	0.387	ng		99
12) 2-Methylnaphthalene	12.27	142	2535	0.390	ng		94
16) Acenaphthylene	14.18	152	4540	0.387	ng		98
17) Acenaphthene	14.51	154	2732	0.392	ng		99
18) Fluorene	15.50	166	3881	0.386	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	1157	0.357	ng		93
21) Hexachlorobenzene	16.52	284	1504	0.390	ng		98
22) Pentachlorophenol	16.89	266	233	0.442	ng		83
23) Phenanthrene	17.26	178	6456	0.379	ng		99
24) Anthracene	17.35	178	5303	0.365	ng		100
26) Fluoranthene	19.28	202	8796	0.366	ng		100
28) Pyrene	19.64	202	8996	0.402	ng		99
30) Benzo(a)anthracene	21.38	228	9140	0.400	ng		100
31) Chrysene	21.44	228	9137	0.374	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16097	0.331	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	10291	0.399	ng		99
35) Benzo(b)fluoranthene	23.13	252	9085	0.386	ng		97
36) Benzo(k)fluoranthene	23.18	252	9503	0.386	ng		99
37) Benzo(a)pyrene	23.78	252	8726	0.387	ng		99
38) Dibenzo(a,h)anthracene	26.55	278	8275	0.388	ng		99
39) Benzo(g,h,i)perylene	27.34	276	8621	0.386	ng		99

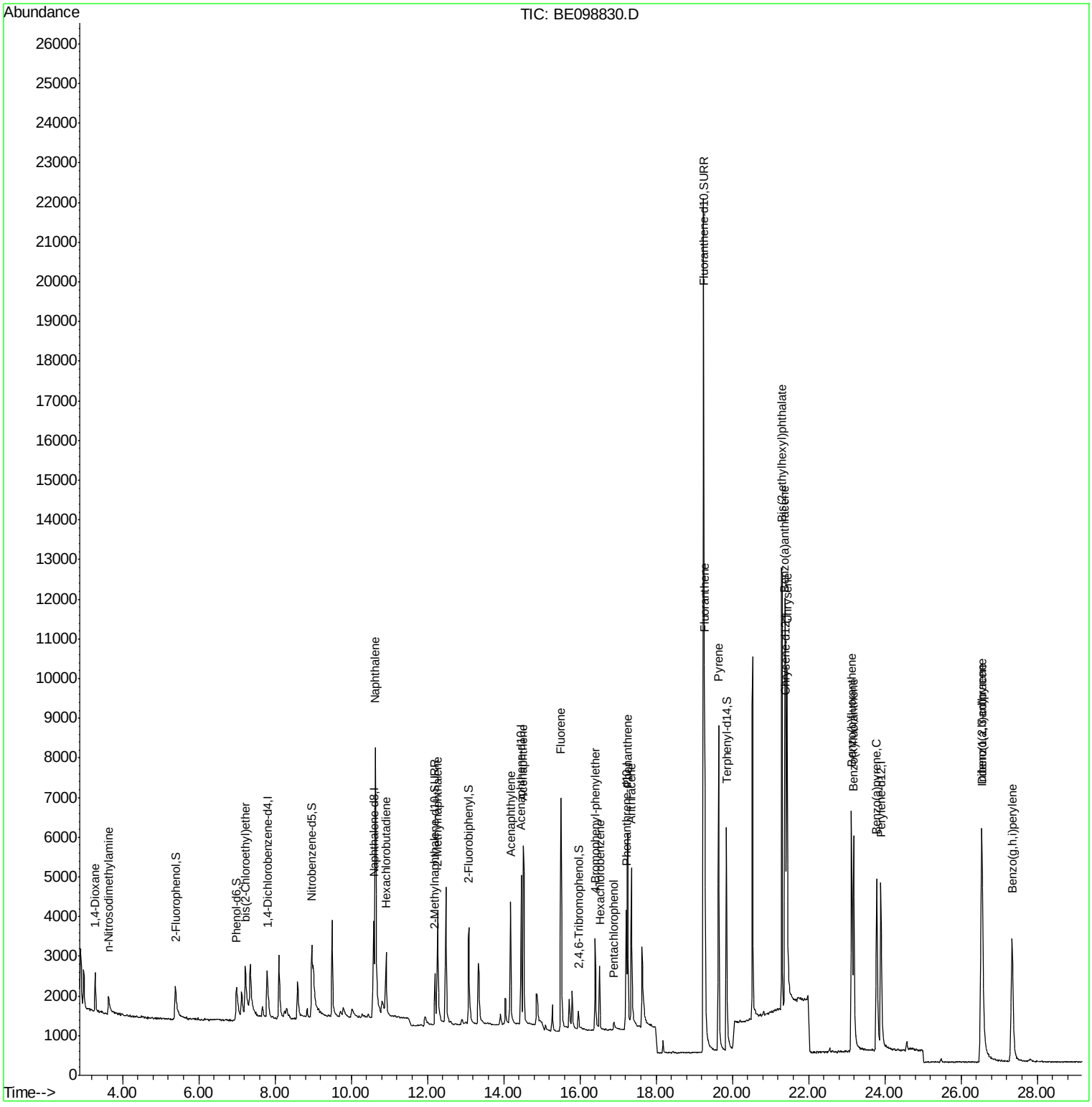
(#) = qualifier out of range (m) = manual integration (+) = signals summed

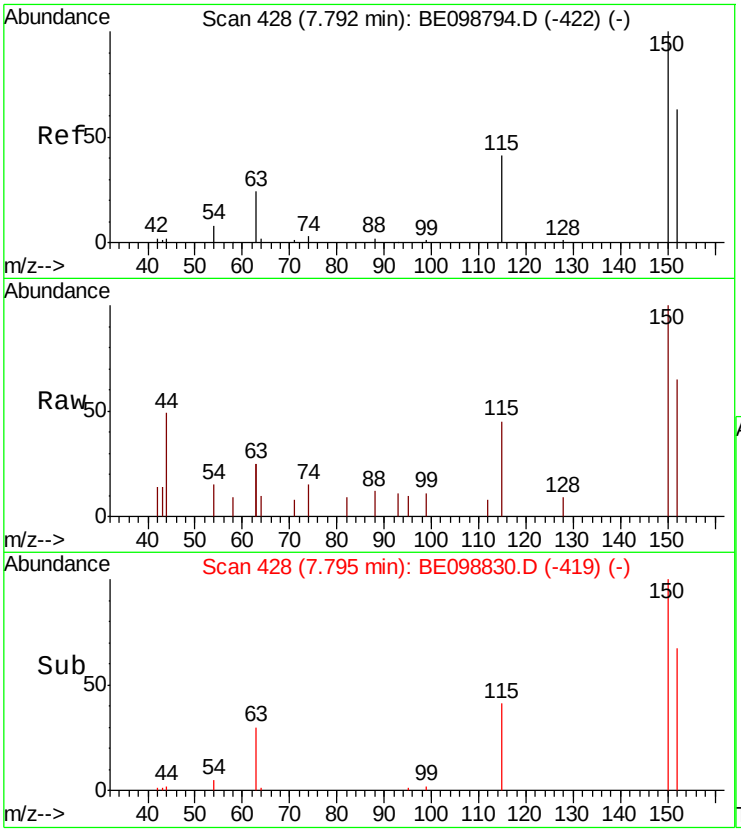
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098830.D
Acq On : 8 Mar 2019 10:03
Operator : JU/SJ
Sample : PB117716BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Quant Time: Mar 08 11:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



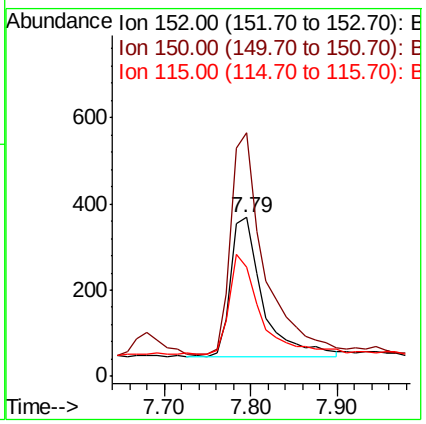


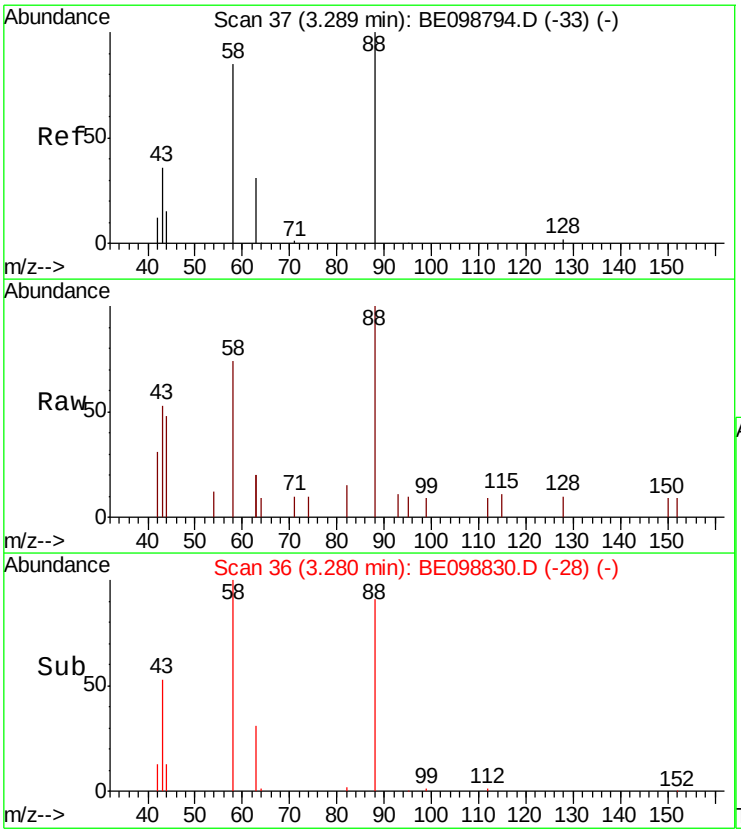
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:152 Resp: 851

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.5	183.7
115	68.3	57.4	86.2

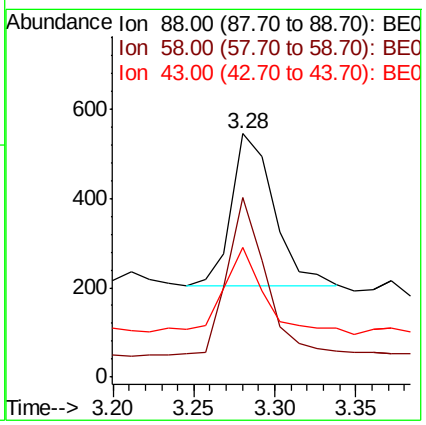


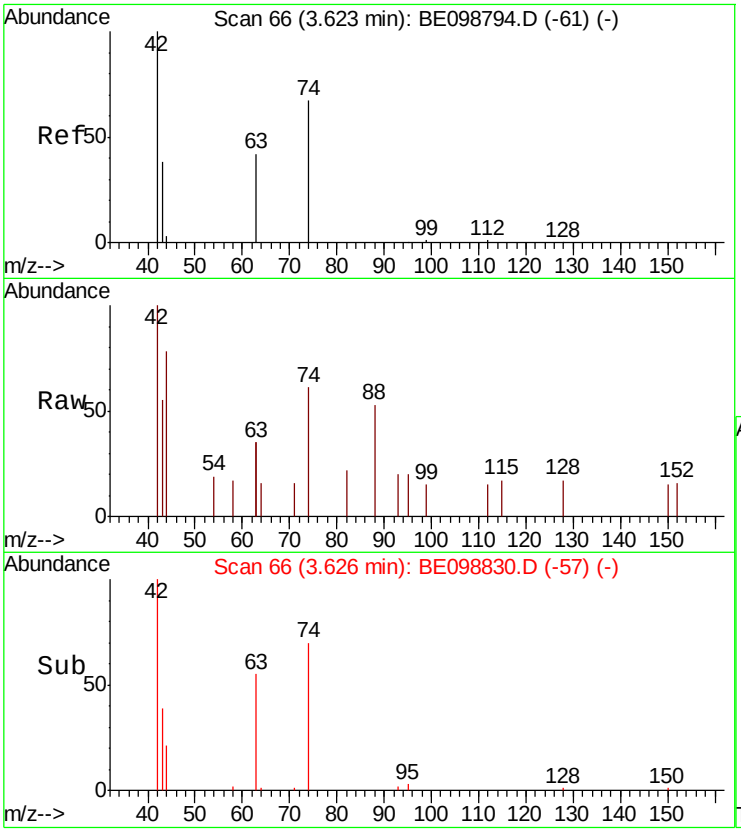


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion: 88 Resp: 615

Ion	Ratio	Lower	Upper
88	100		
58	96.1	75.8	113.6
43	51.1	41.8	62.8



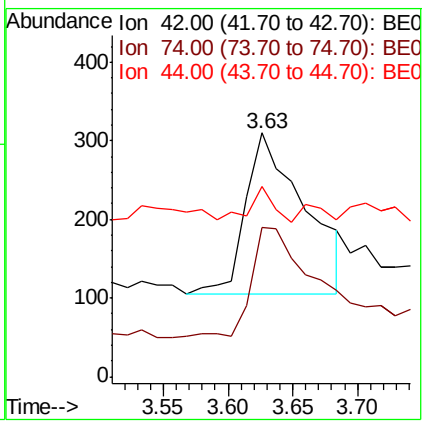


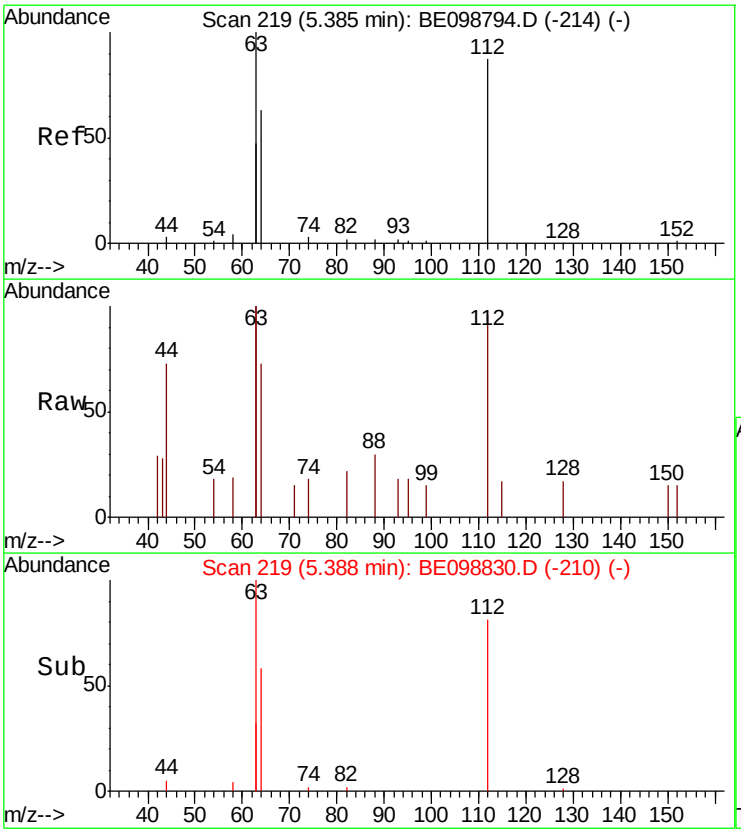
#3
n-Nitrosodimethylamine
Concen: 0.305 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion: 42 Resp: 654

Ion	Ratio	Lower	Upper
42	100		
74	68.0	57.0	85.4
44	8.9	0.0	0.0#

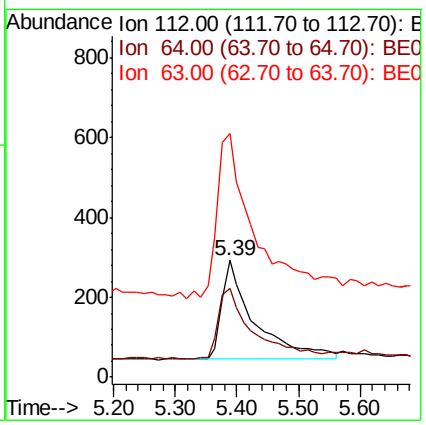


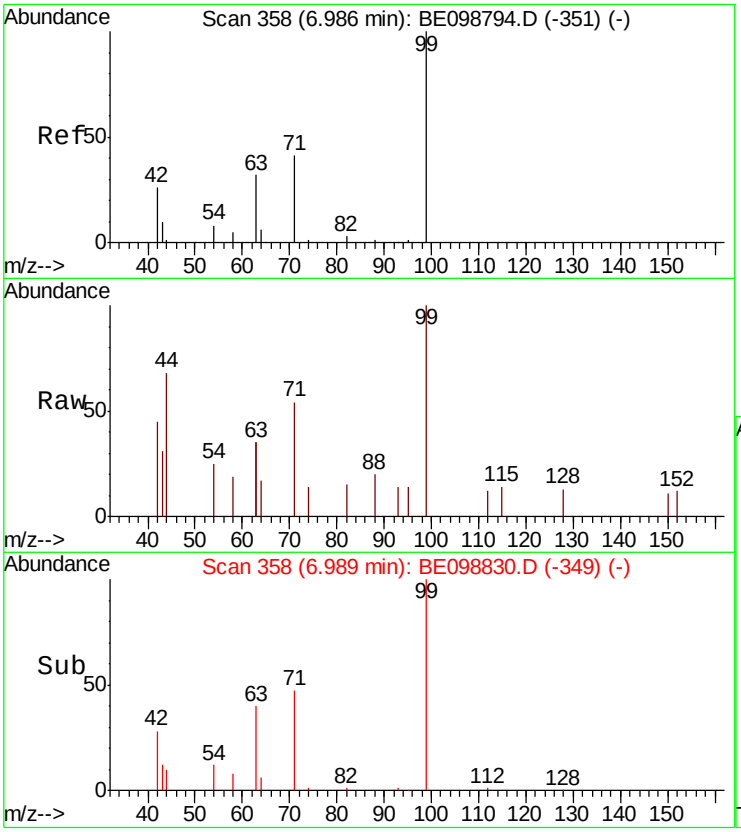


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:112 Resp: 911

Ion	Ratio	Lower	Upper
112	100		
64	75.5	57.9	86.9
63	205.7	158.3	237.5



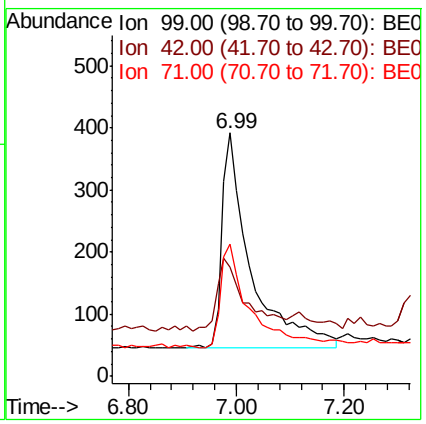


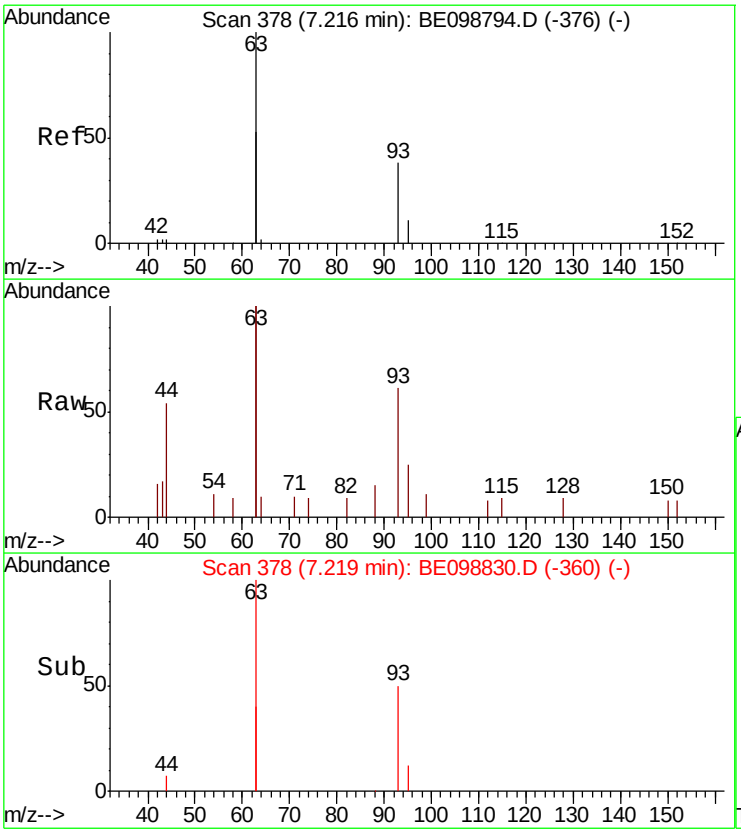
#5
Phenol-d6
Concen: 0.359 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion: 99 Resp: 1289

Ion	Ratio	Lower	Upper
99	100		
42	34.6	24.2	36.2
71	48.9	35.7	53.5

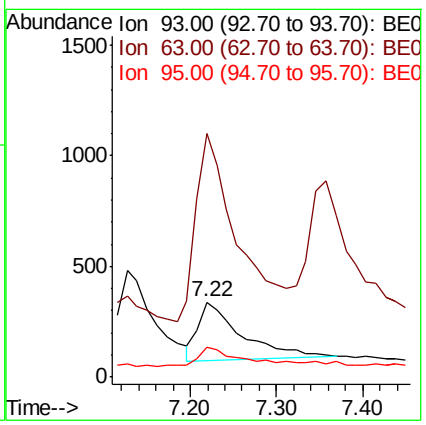


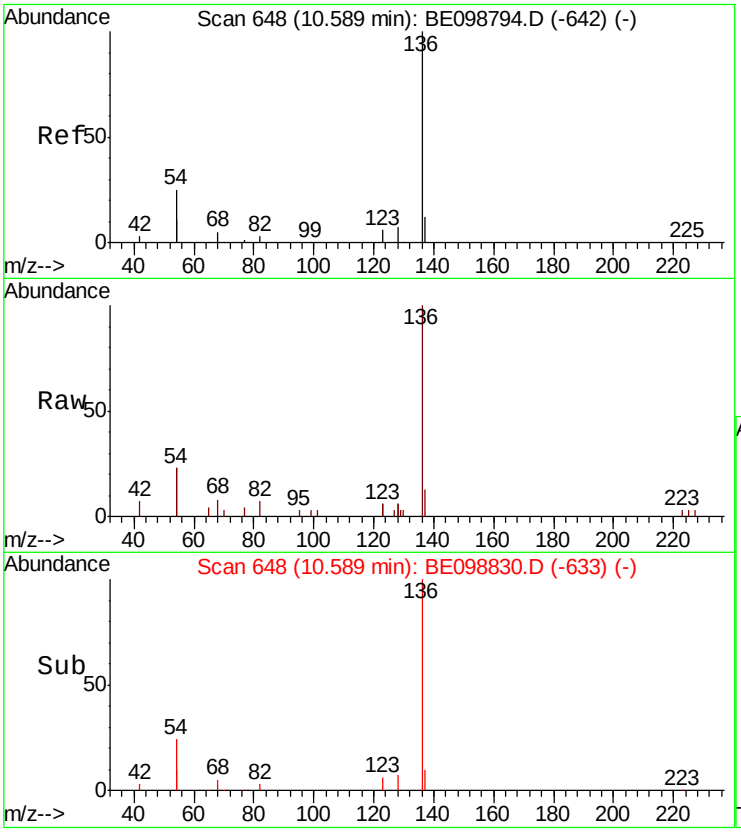


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion: 93 Resp: 924

Ion	Ratio	Lower	Upper
93	100		
63	307.8	247.5	371.3
95	31.3	21.8	32.8



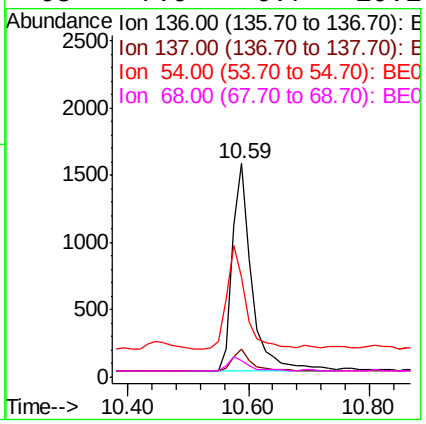


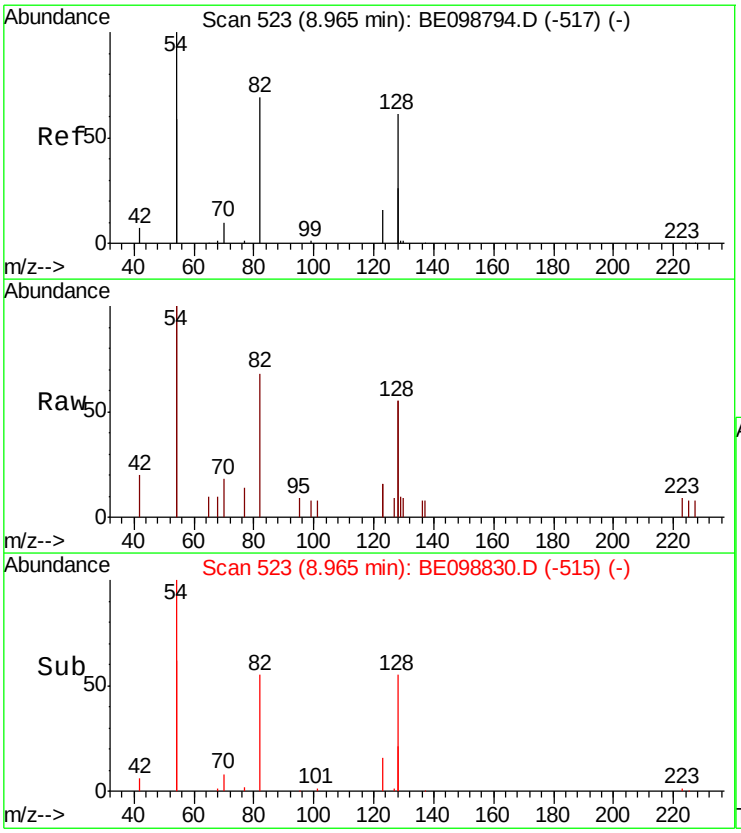
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:136 Resp: 3501

Ion	Ratio	Lower	Upper
136	100		
137	13.1	11.4	17.0
54	46.6	39.3	58.9
68	7.9	6.7	10.1

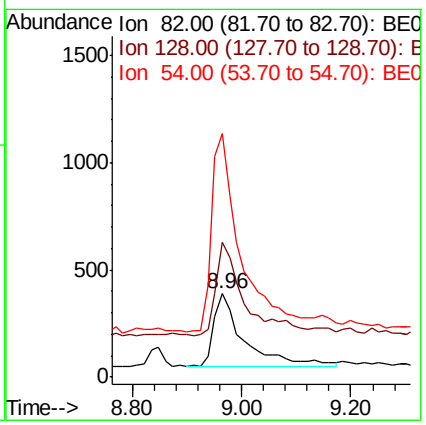


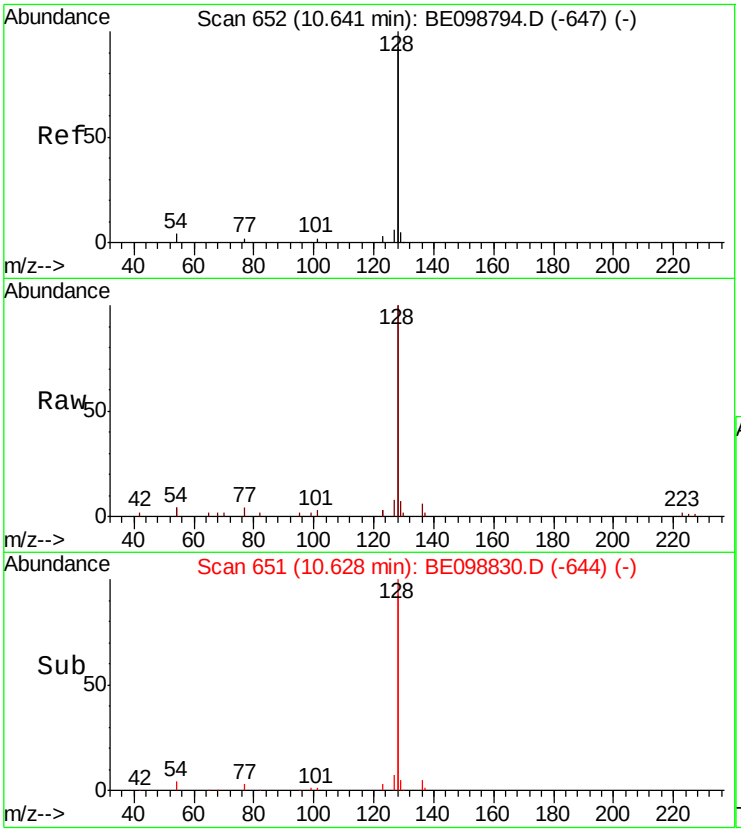


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion: 82 Resp: 1273

Ion	Ratio	Lower	Upper
82	100		
128	162.0	123.8	185.8
54	292.0	203.4	305.2



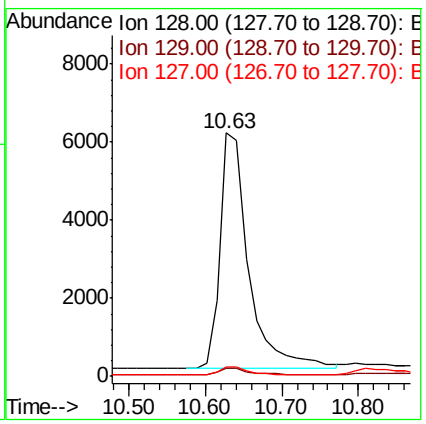


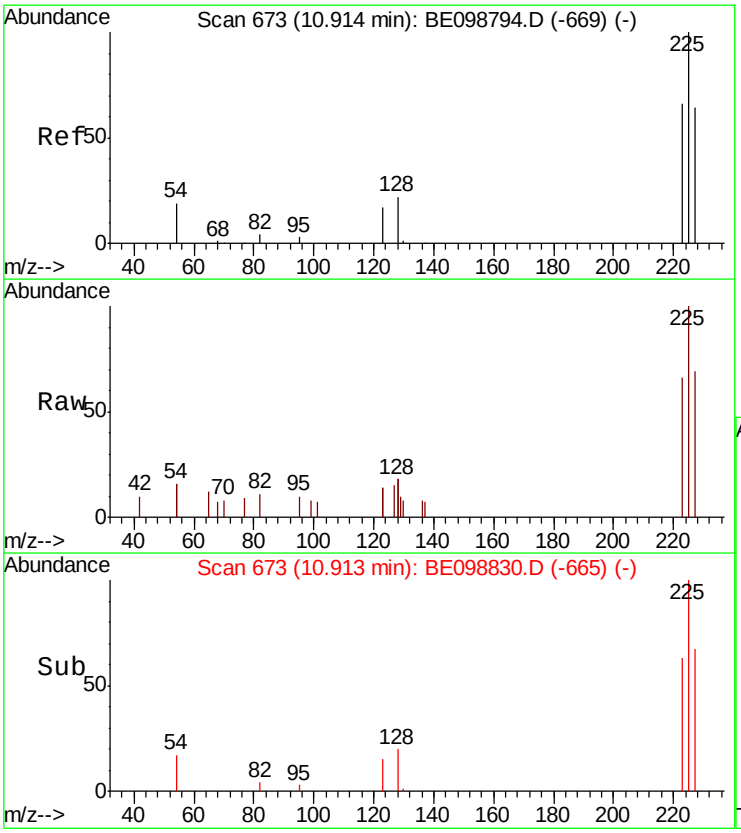
#9
Naphthalene
Concen: 0.393 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:128 Resp: 15773

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.1	3.1	4.7

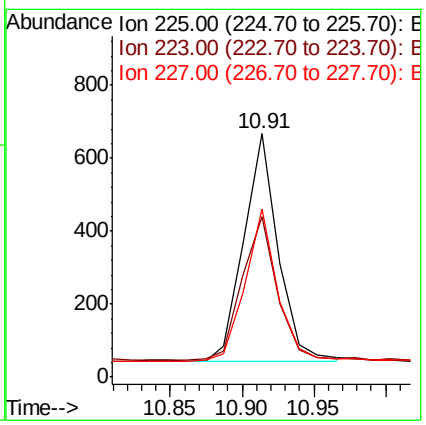


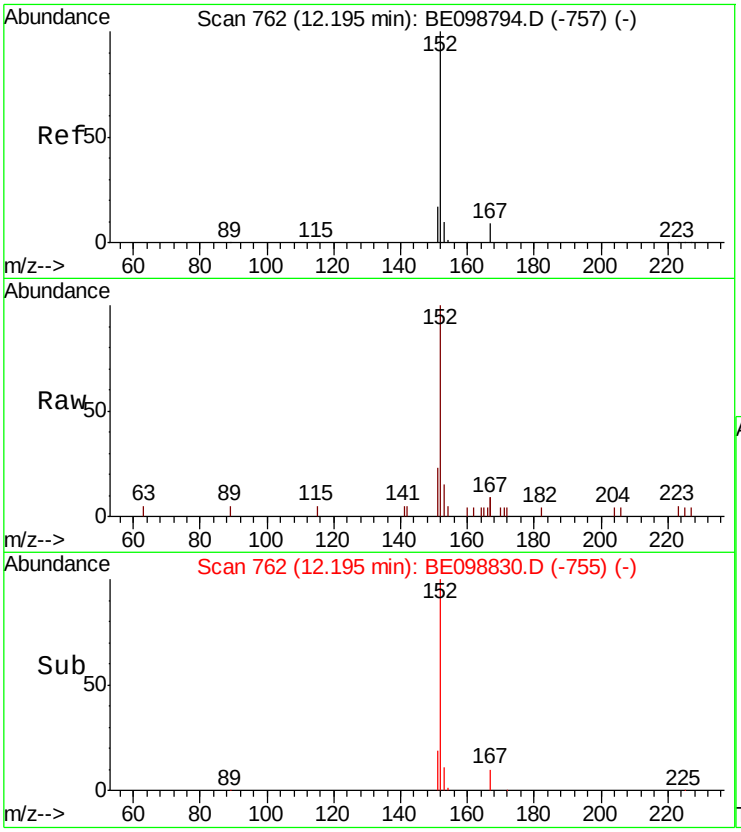


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:225 Resp: 1027

Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.1	76.7
227	63.9	51.6	77.4



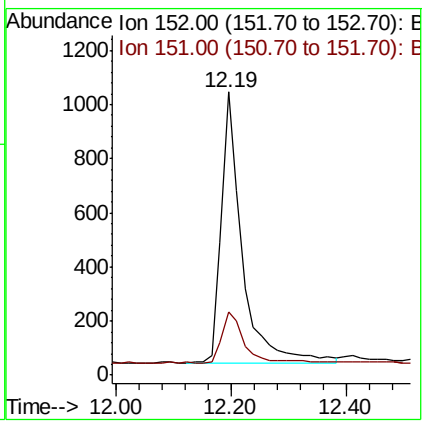


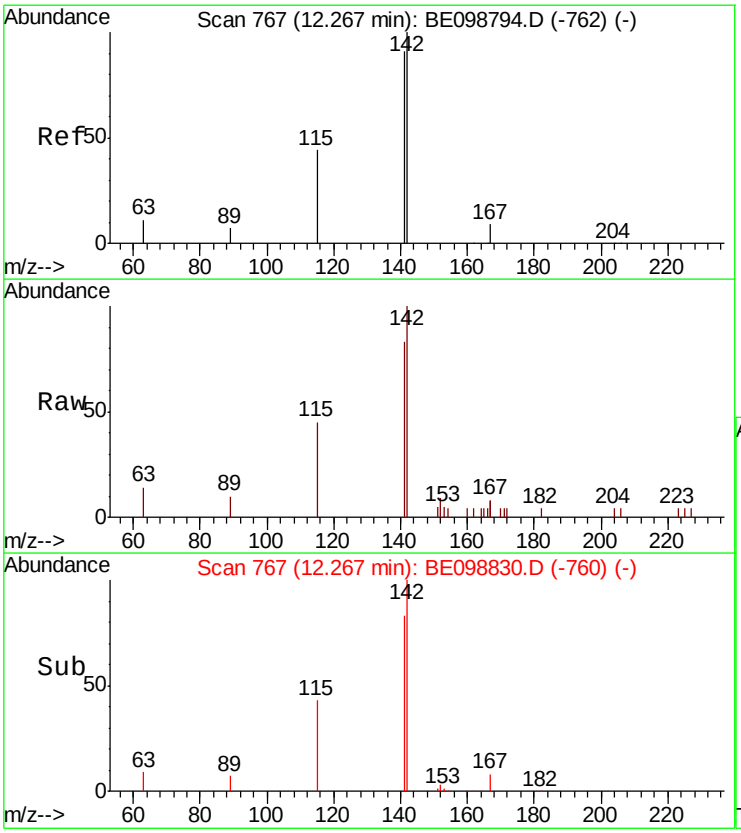
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:152 Resp: 2556

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7

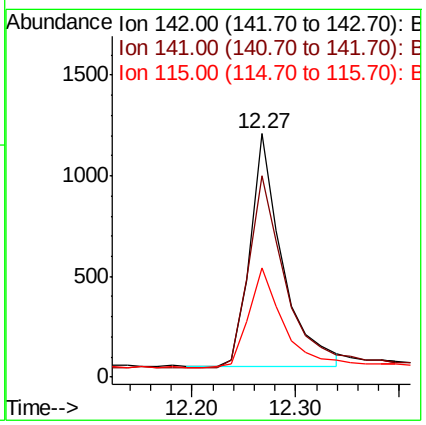


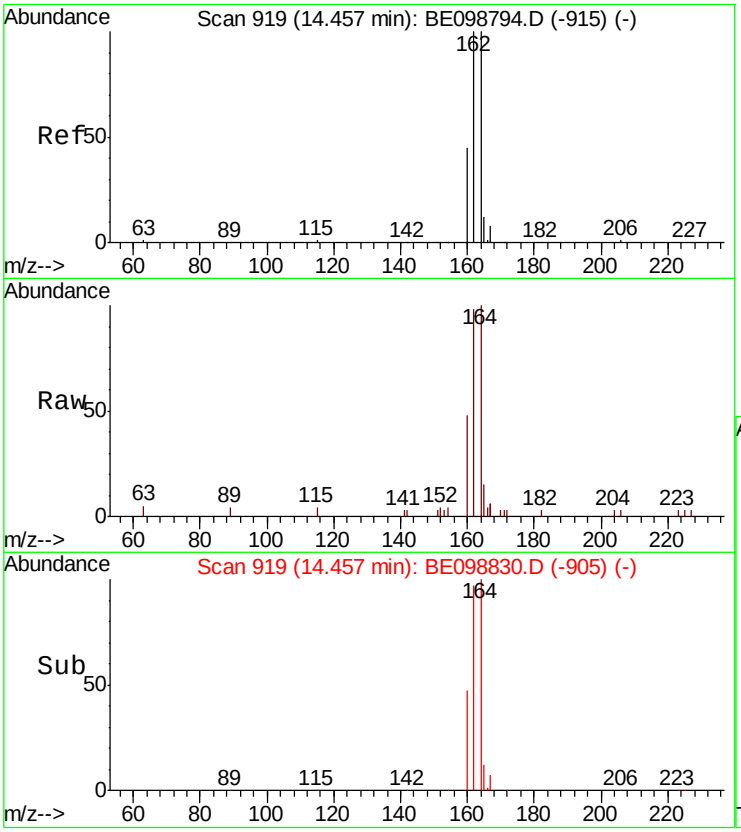


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:142 Resp: 2535

Ion	Ratio	Lower	Upper
142	100		
141	83.0	72.6	108.8
115	45.1	37.4	56.2



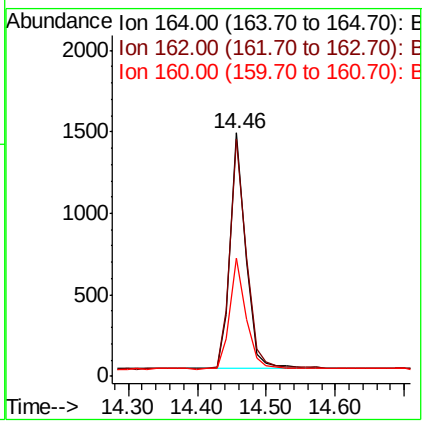


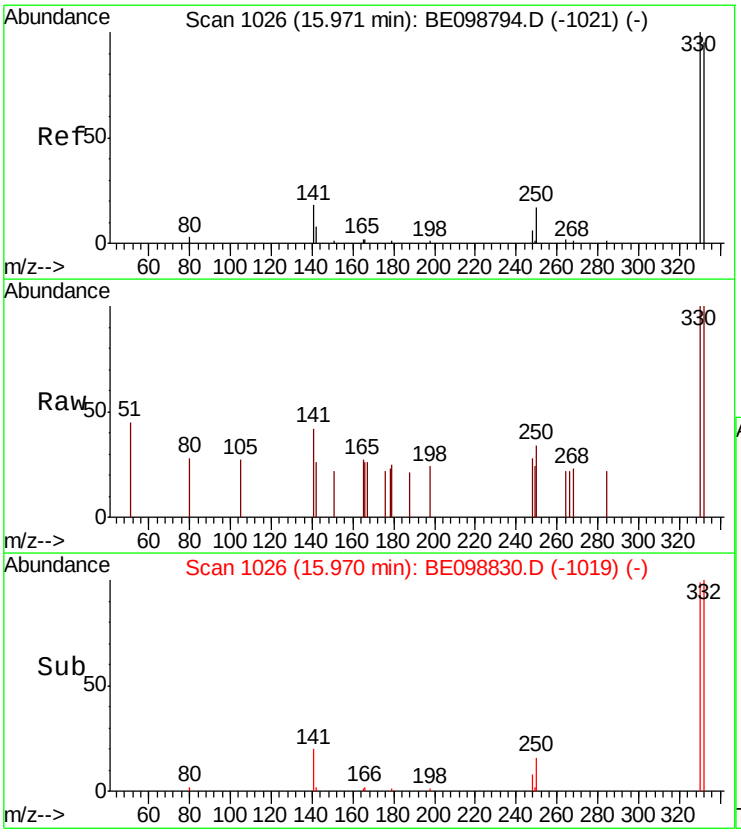
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:164 Resp: 2283

Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.2	120.2
160	48.3	37.8	56.8

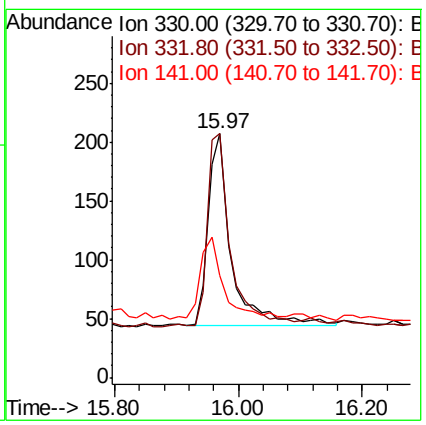


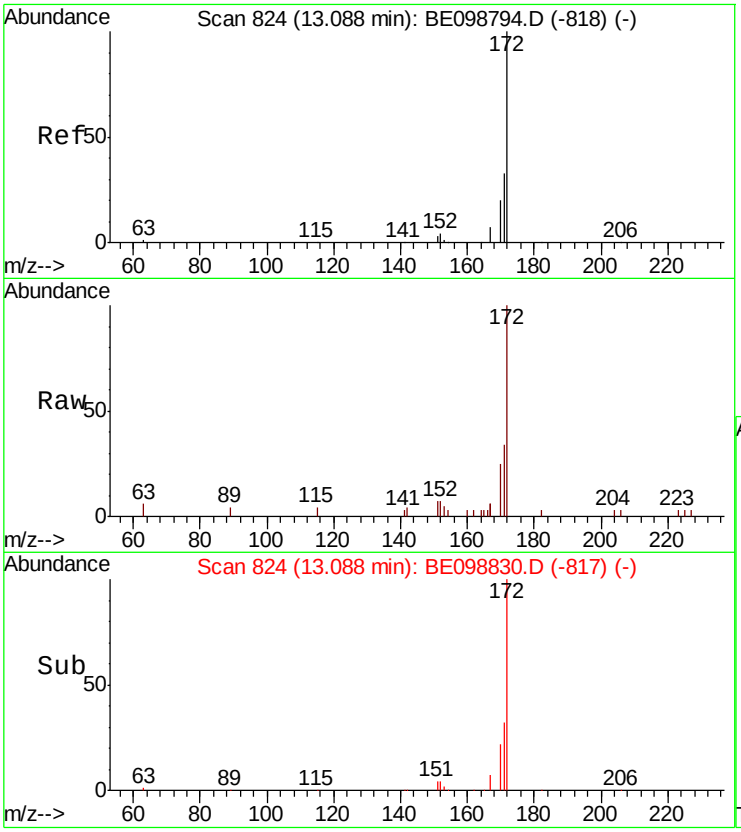


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:330 Resp: 425

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	39.8	31.0	46.4



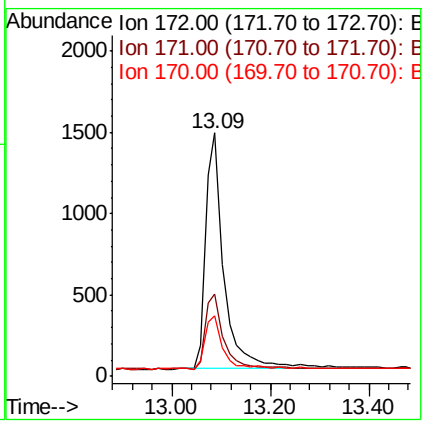


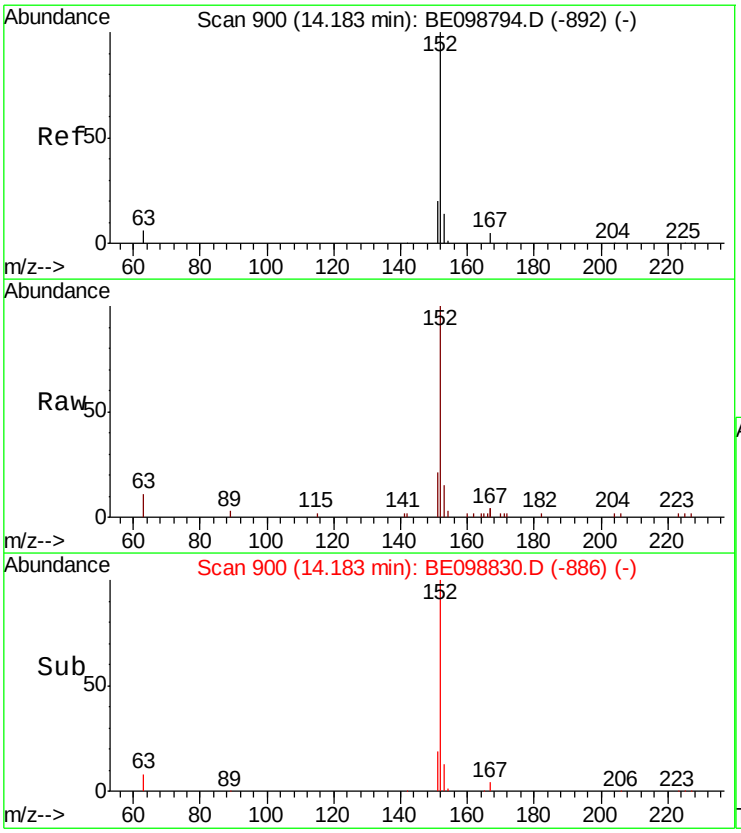
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:172 Resp: 3731

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	24.8	17.7	26.5

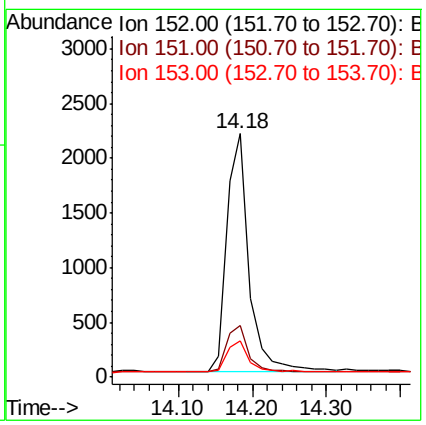


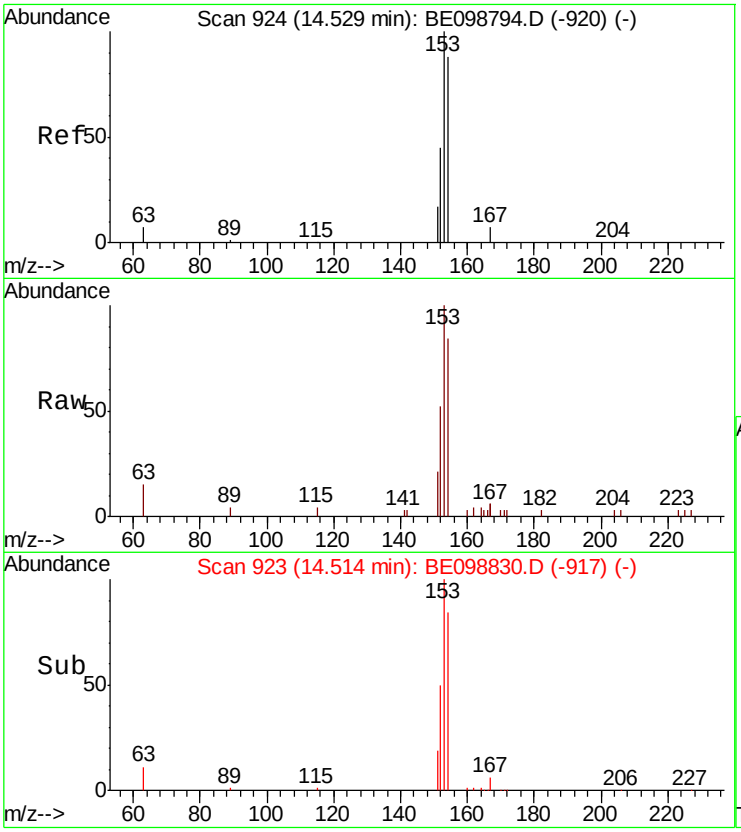


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:152 Resp: 4540

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	13.5	11.2	16.8



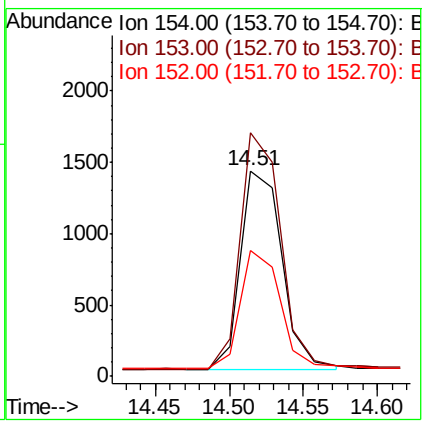


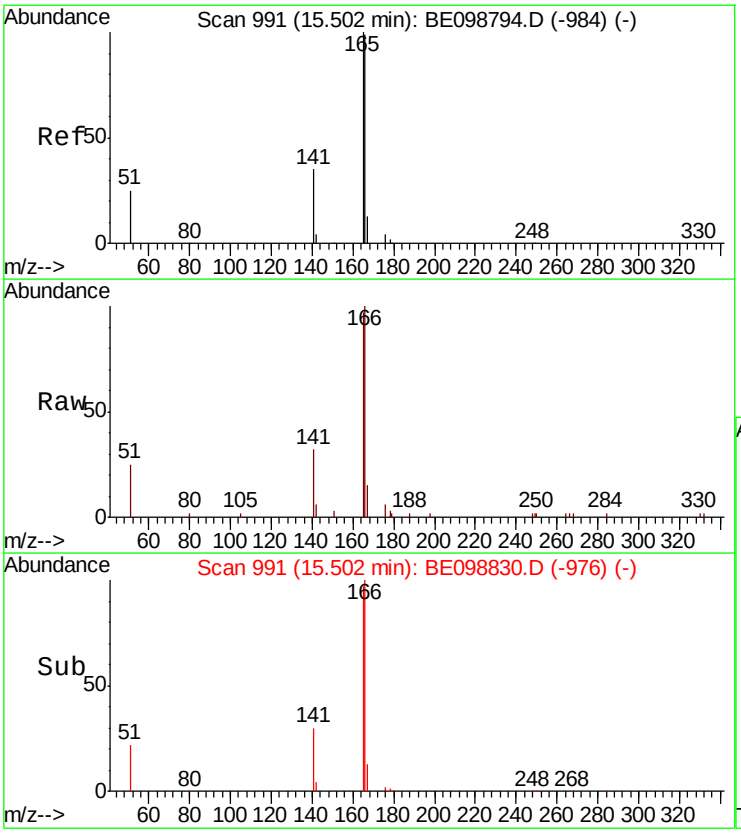
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:154 Resp: 2732

Ion	Ratio	Lower	Upper
154	100		
153	117.1	94.2	141.4
152	57.8	45.0	67.4

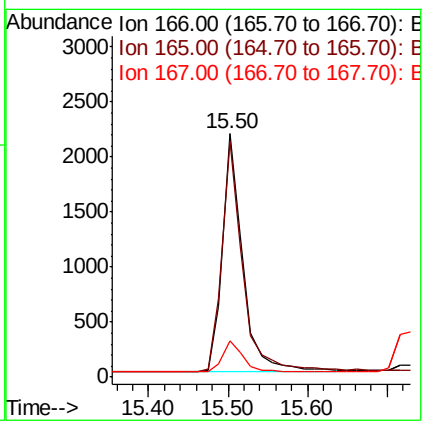


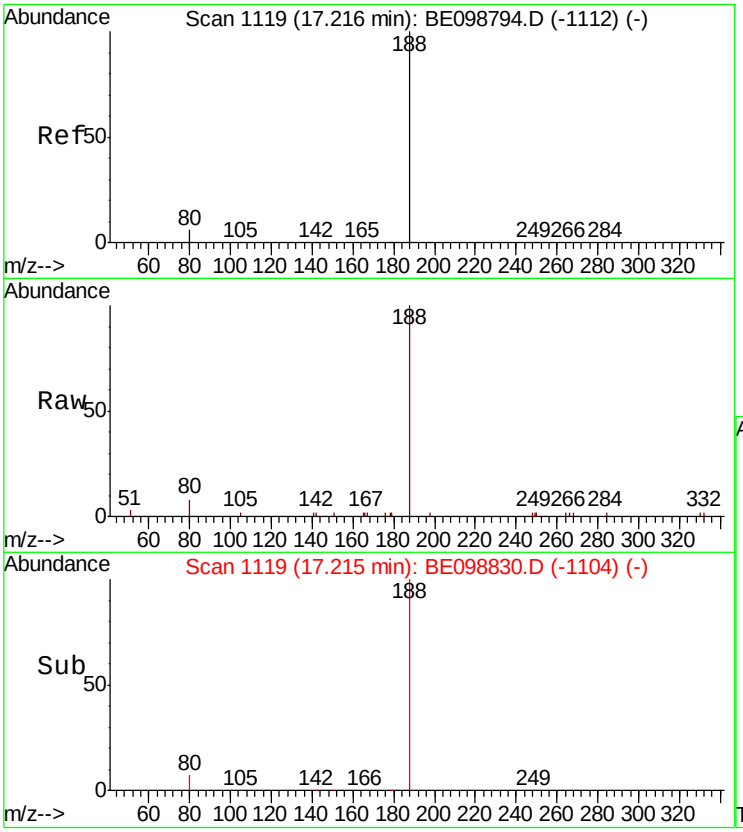


#18
Fluorene
Concen: 0.386 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:166 Resp: 3881

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.3	118.9
167	13.8	10.5	15.7



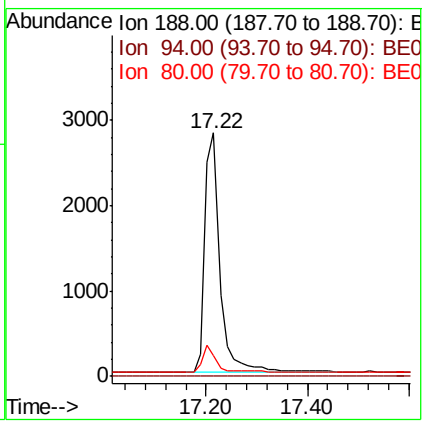


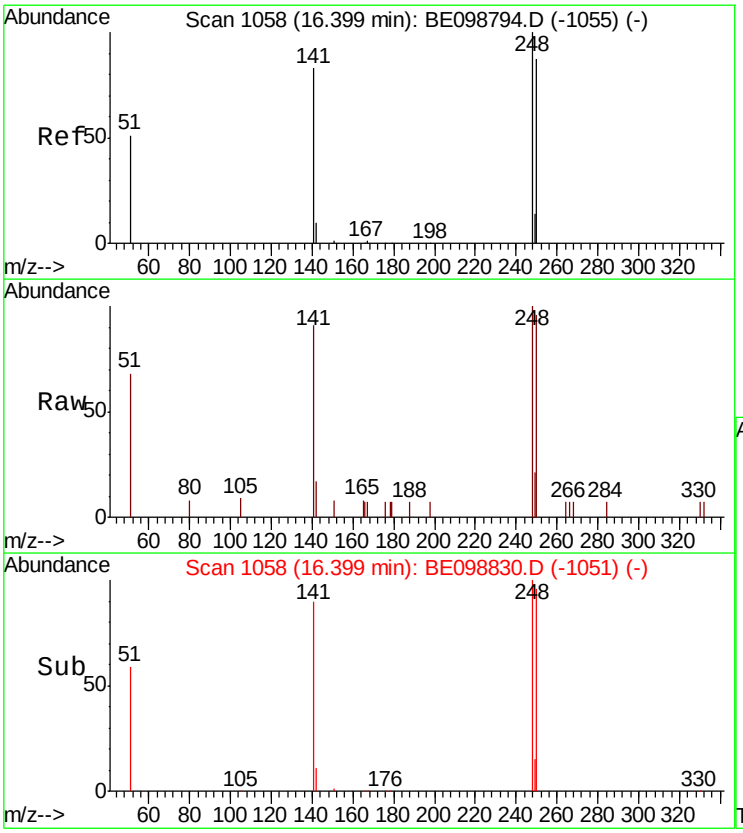
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:188 Resp: 5985

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.3	9.5

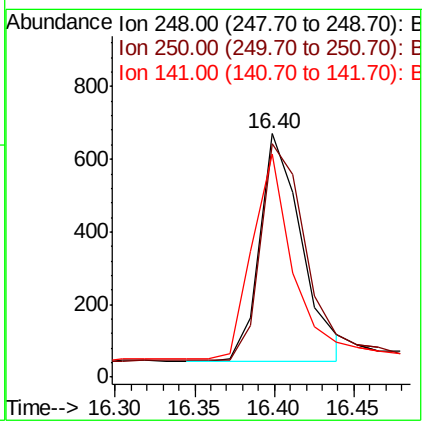


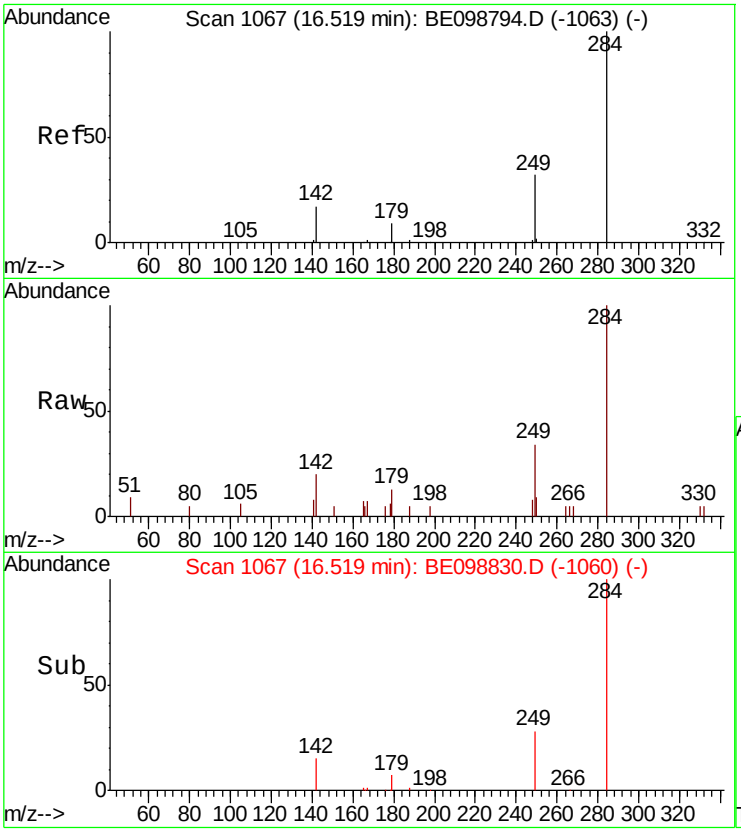


#20
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:248 Resp: 1157

Ion	Ratio	Lower	Upper
248	100		
250	95.7	70.6	105.8
141	91.4	68.6	102.8



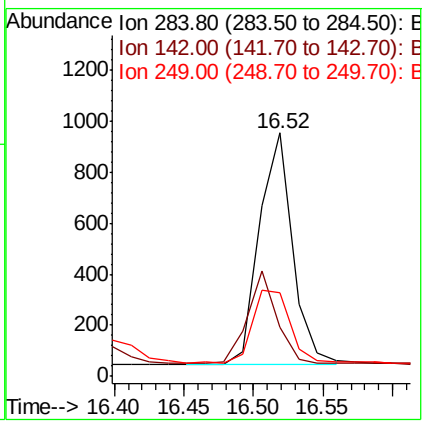


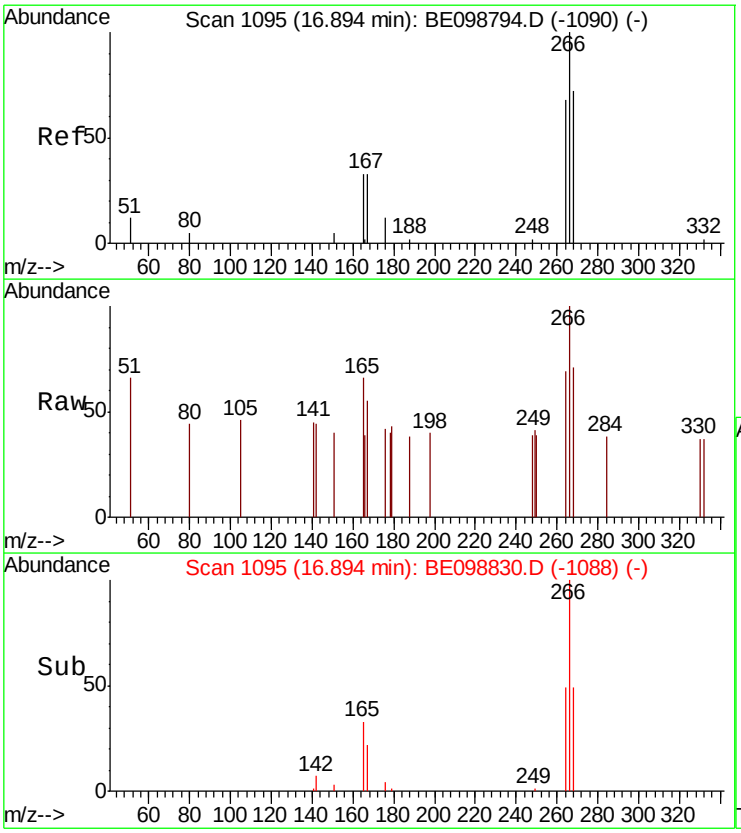
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:284 Resp: 1504

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.7	43.1
249	35.2	29.6	44.4

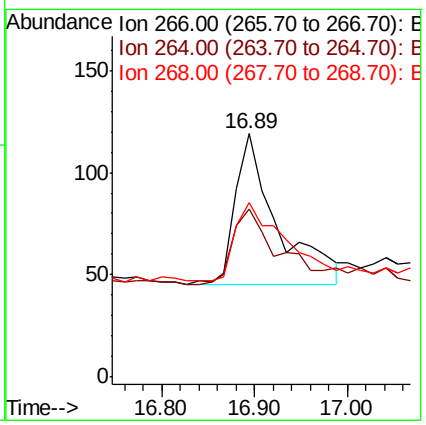


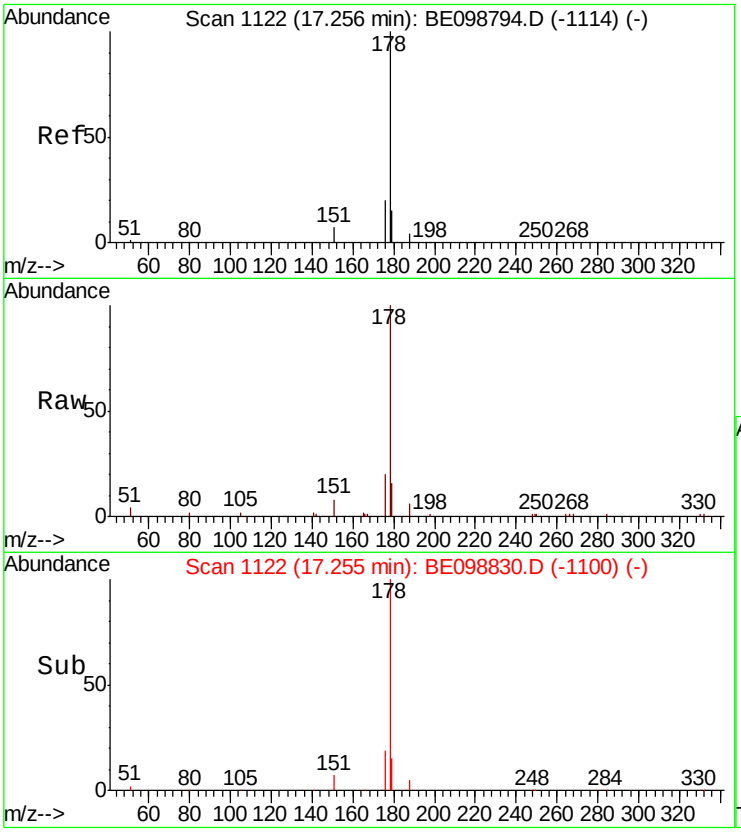


#22
Pentachlorophenol
Concen: 0.442 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:266 Resp: 233

Ion	Ratio	Lower	Upper
266	100		
264	68.9	66.6	100.0
268	71.4	69.8	104.8



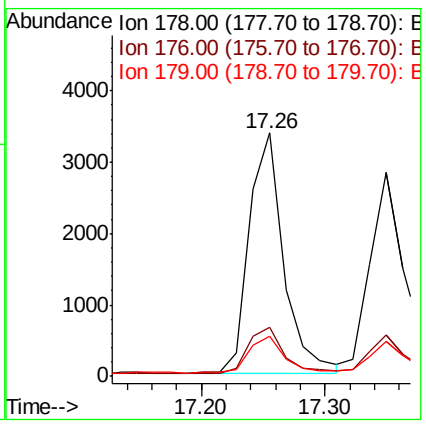


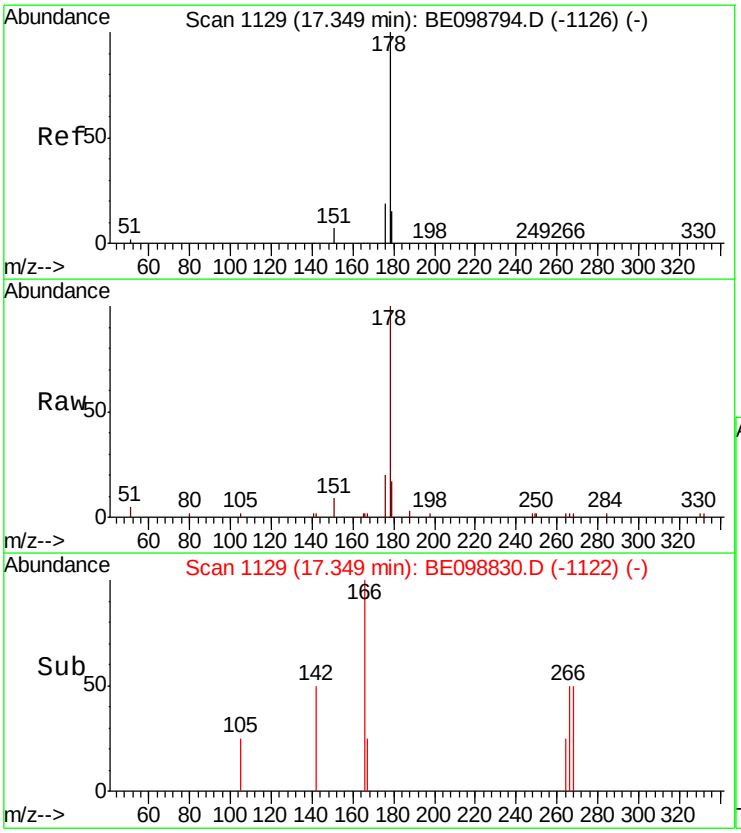
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:178 Resp: 6456

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.6	12.1	18.1

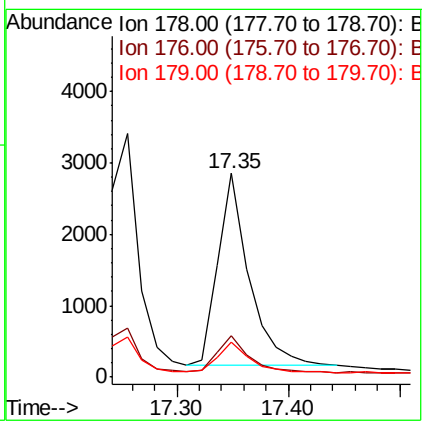


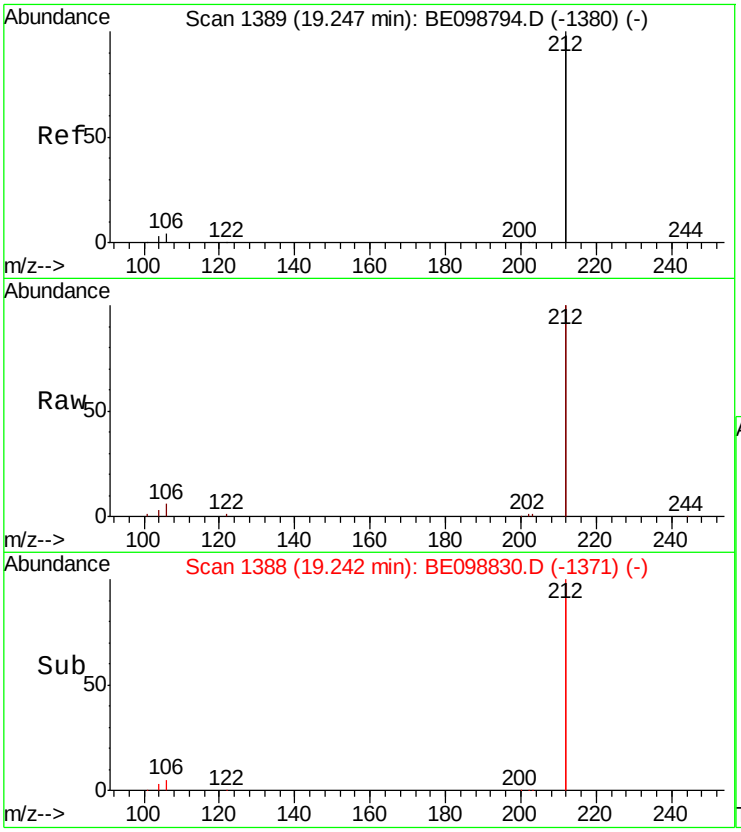


#24
Anthracene
Concen: 0.365 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:178 Resp: 5303

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.7	12.2	18.4



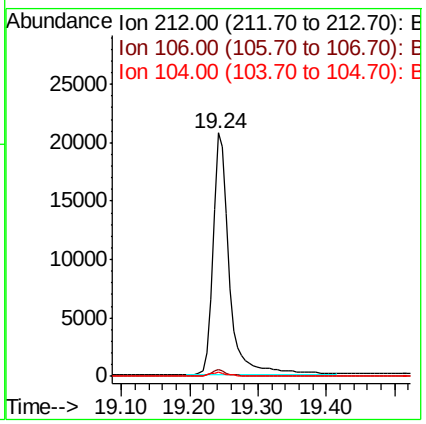


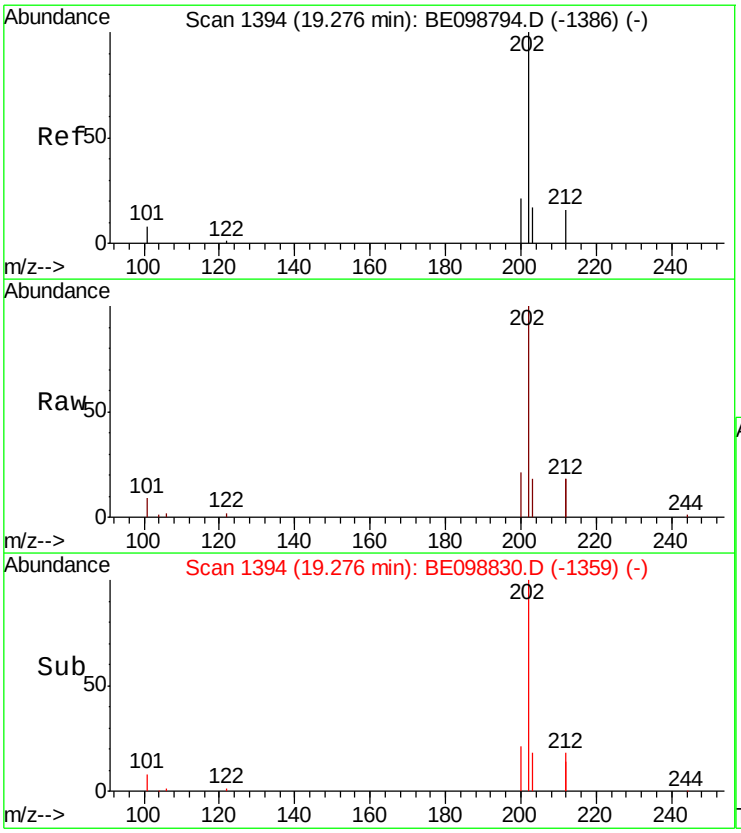
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:212 Resp: 34443

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6

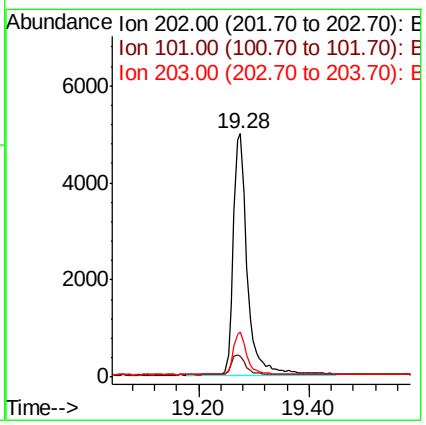


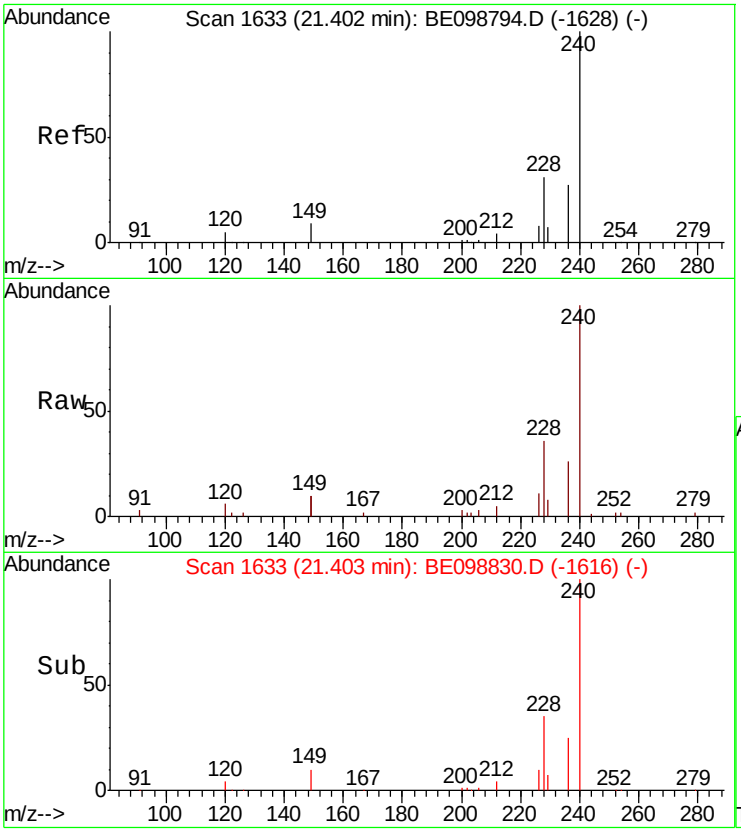


#26
Fluoranthene
Concen: 0.366 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:202 Resp: 8796

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	16.9	13.4	20.2



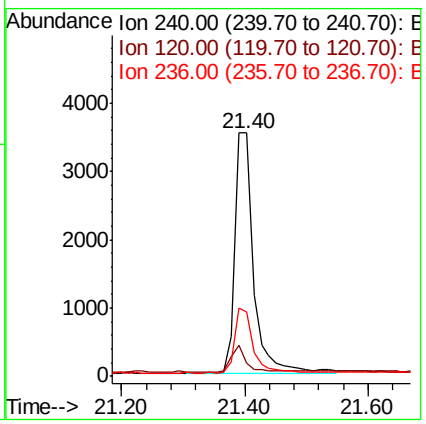


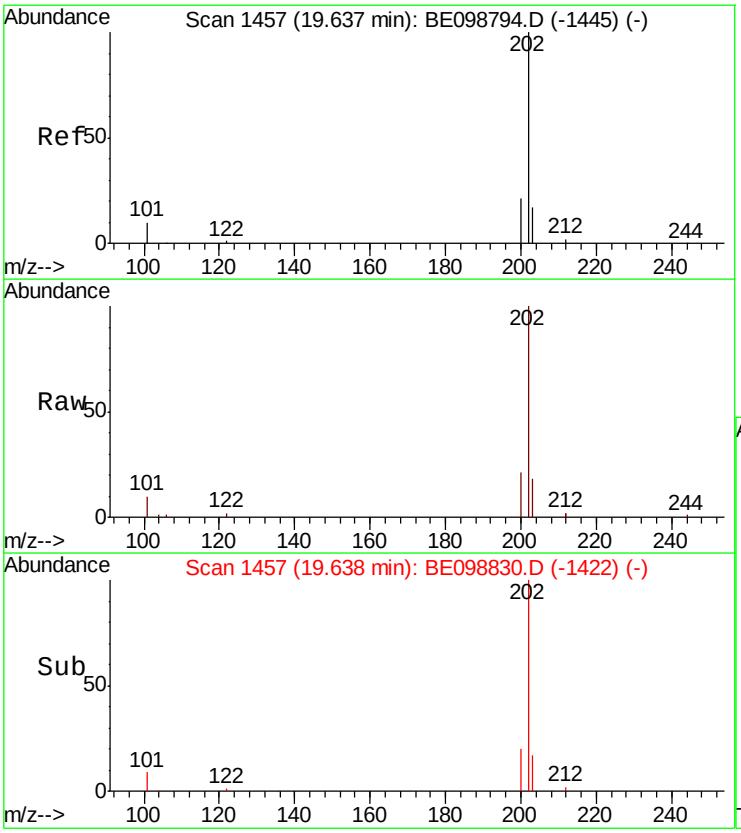
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:240 Resp: 7313

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.4
236	26.2	22.7	34.1

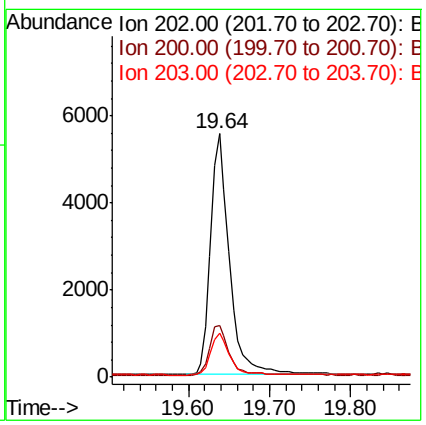


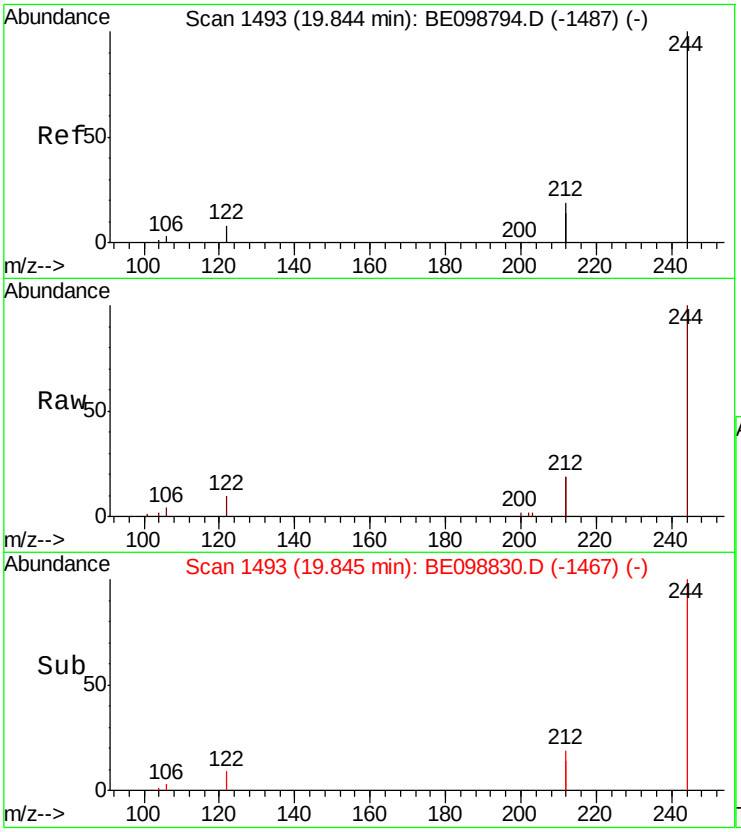


#28
Pyrene
Concen: 0.402 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:202 Resp: 8996

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.6
203	17.6	14.2	21.2



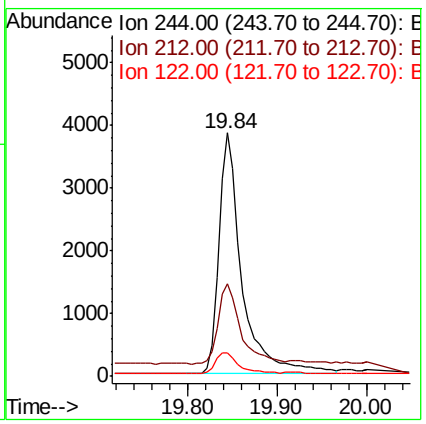


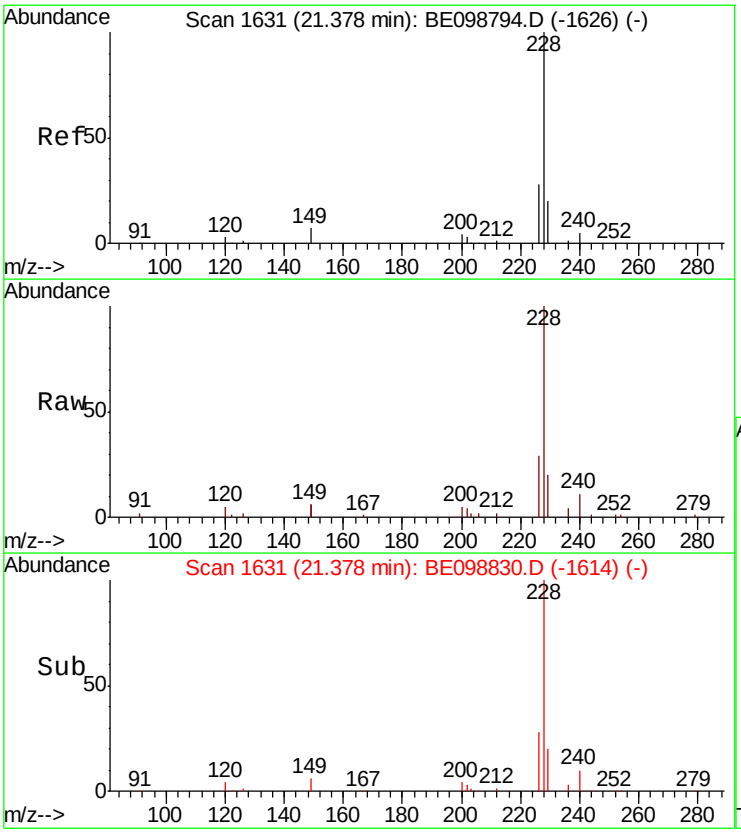
#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:244 Resp: 6785

Ion	Ratio	Lower	Upper
244	100		
212	37.9	29.4	44.2
122	9.8	7.1	10.7

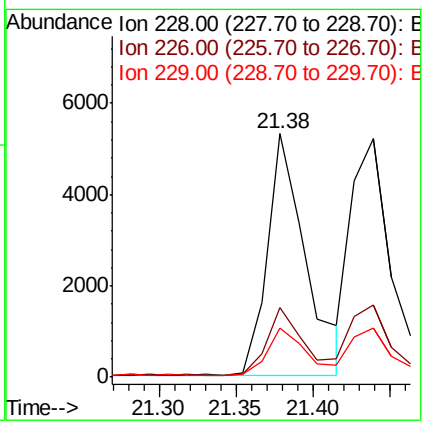


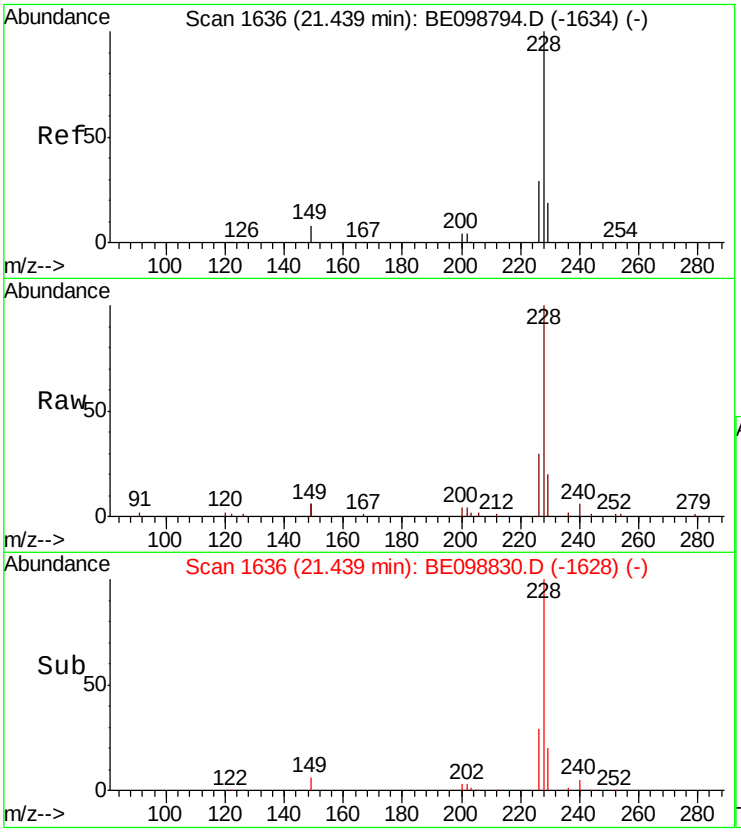


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:228 Resp: 9140

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.3	16.5	24.7



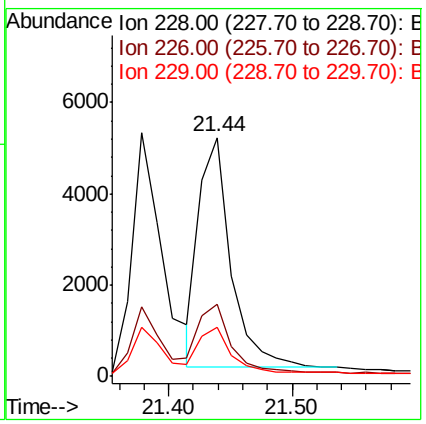


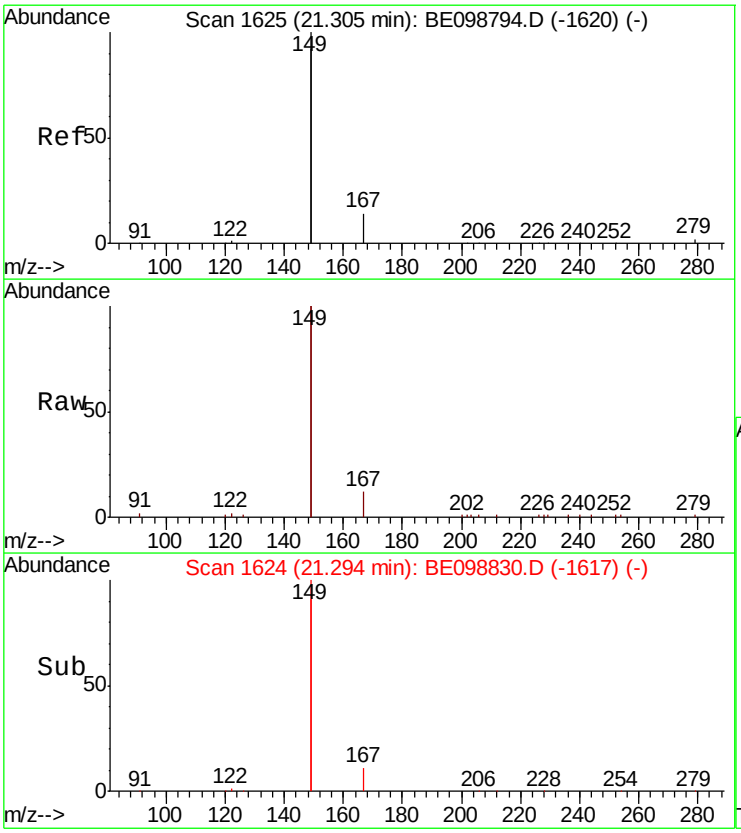
#31
Chrysene
Concen: 0.374 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:228 Resp: 9137

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	20.3	16.1	24.1

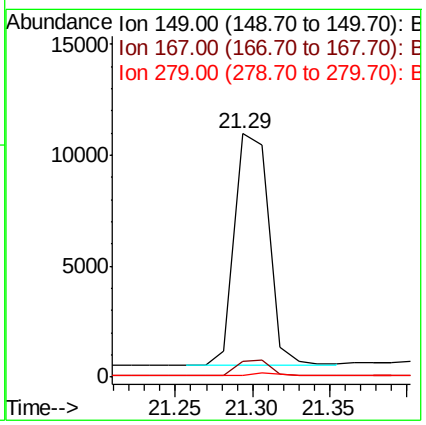


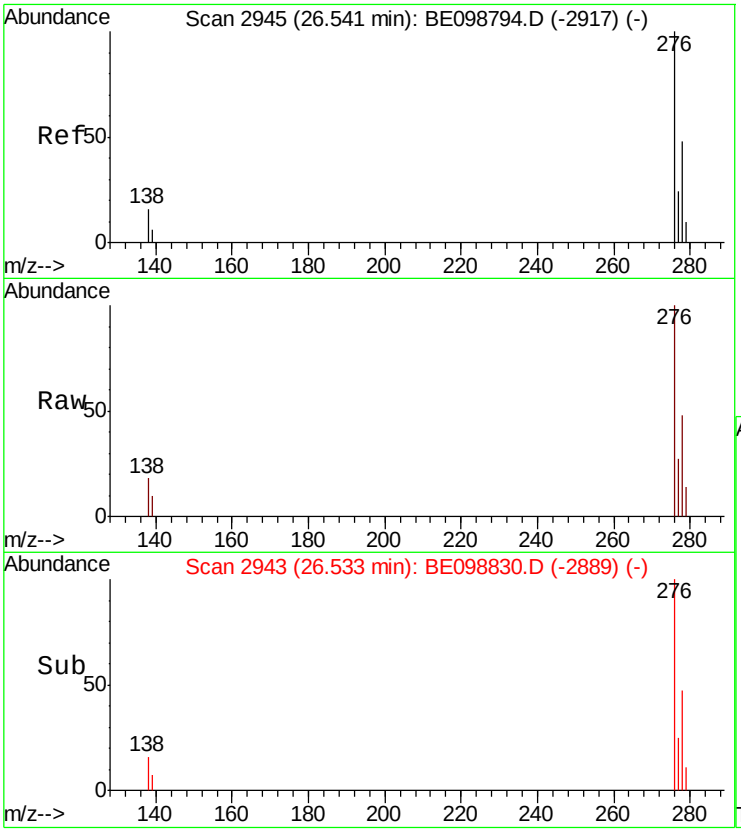


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:149 Resp: 16097

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	1.0	1.4



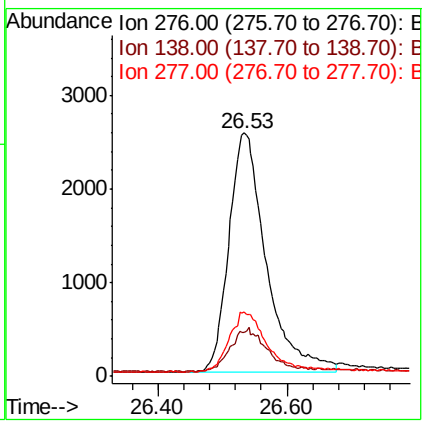


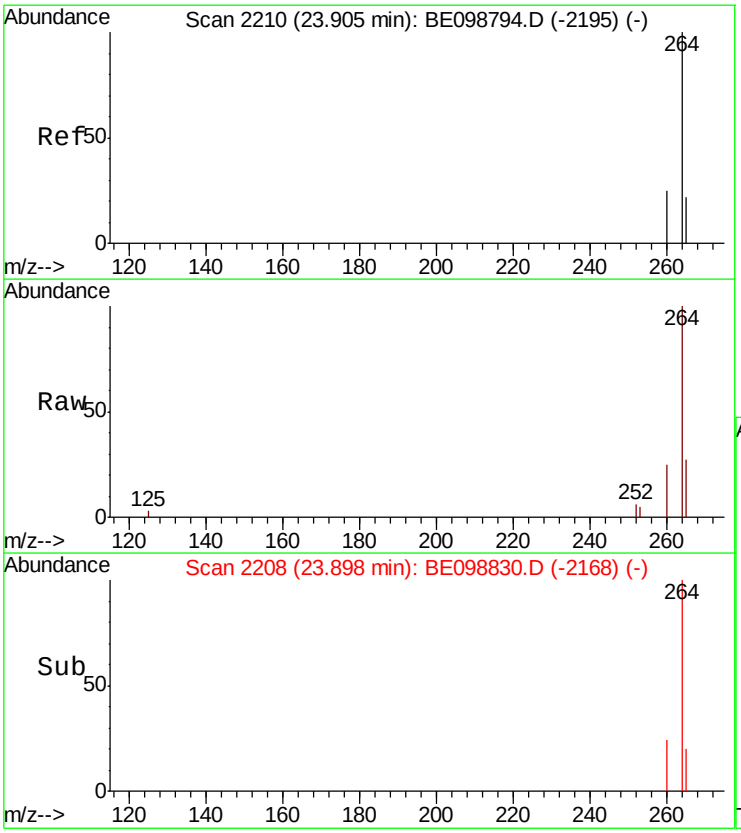
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:276 Resp: 10291

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.8	20.8
277	24.9	19.5	29.3

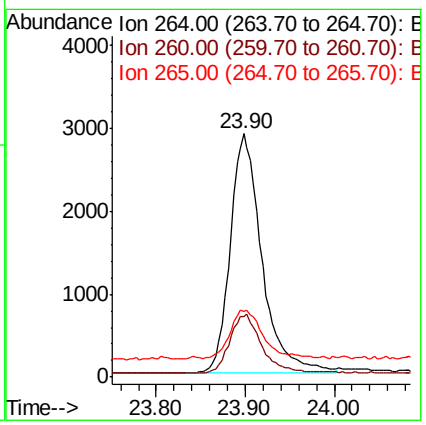


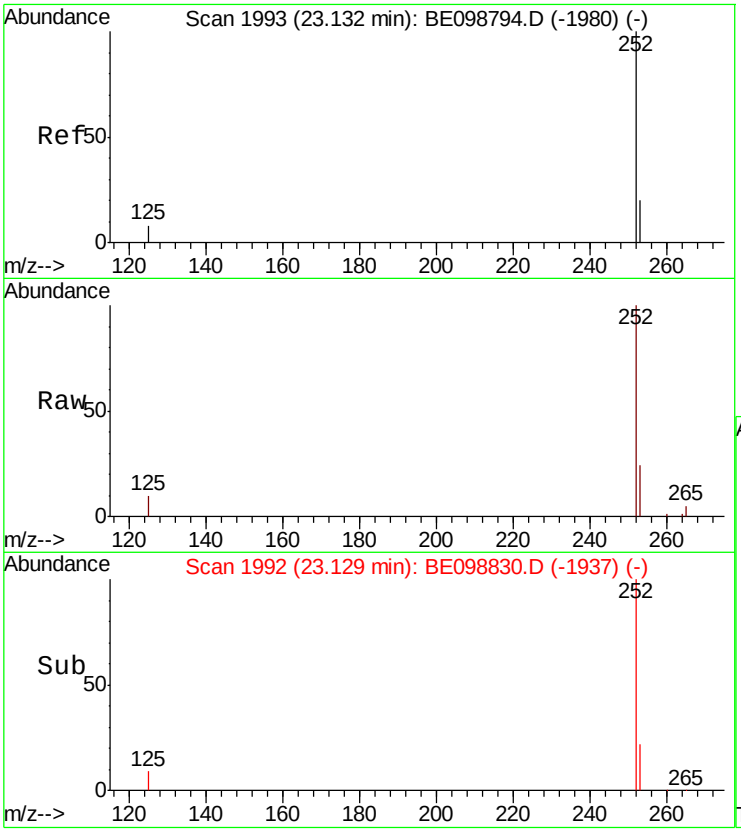


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:264 Resp: 7151

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.2	31.8
265	27.2	24.6	36.8



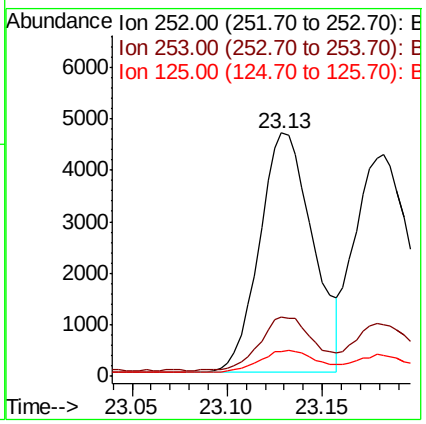


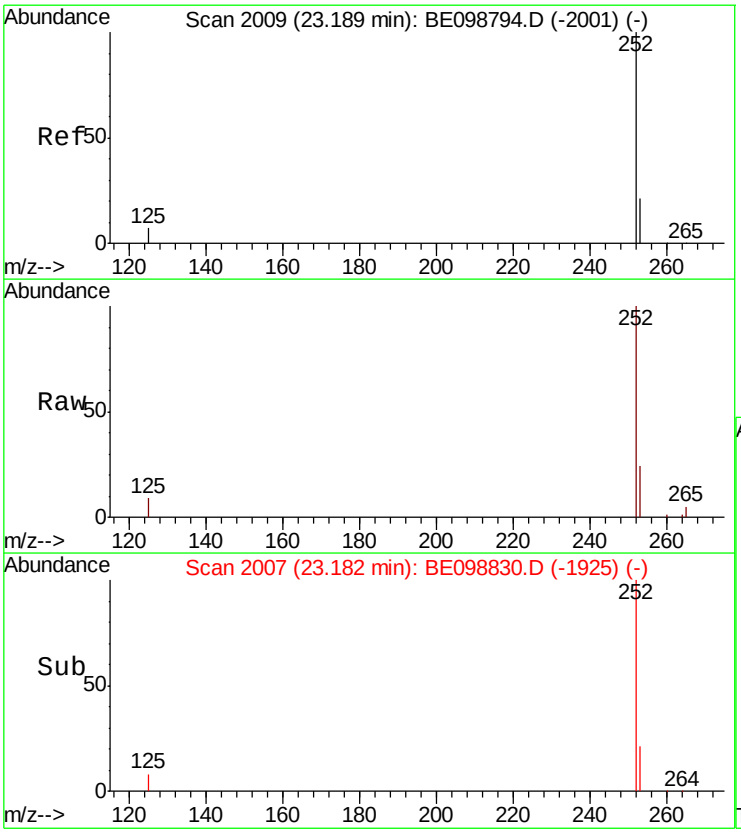
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:252 Resp: 9085

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	10.2	7.3	10.9

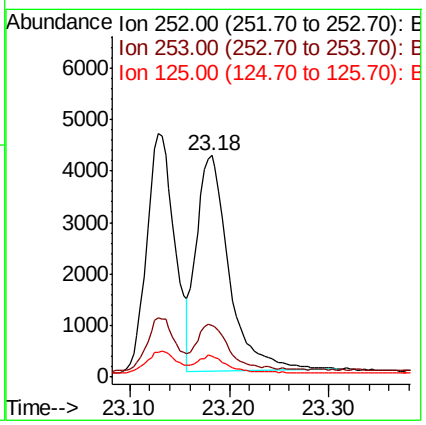


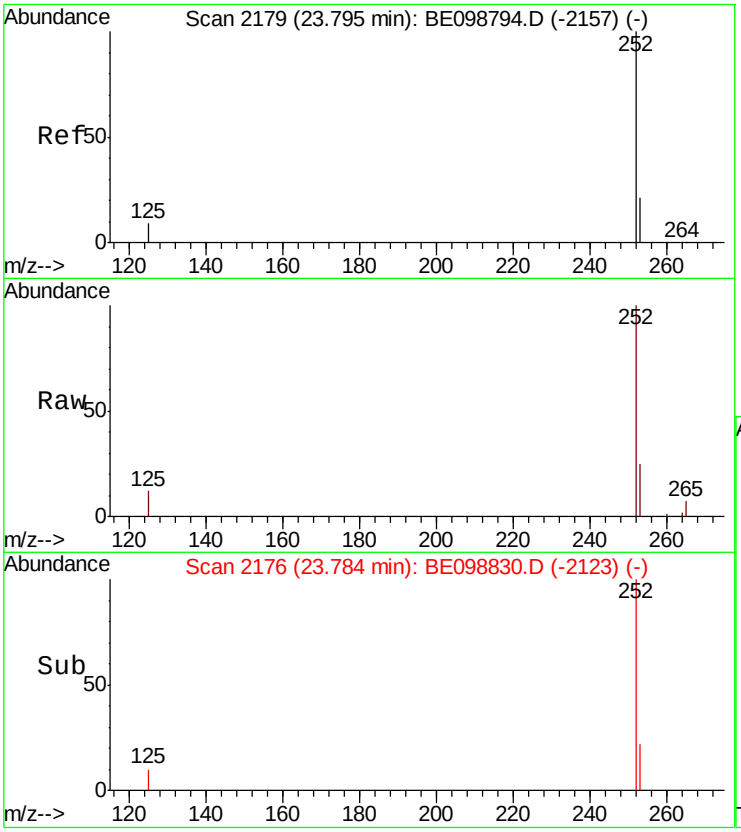


#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:252 Resp: 9503

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	9.2	7.5	11.3



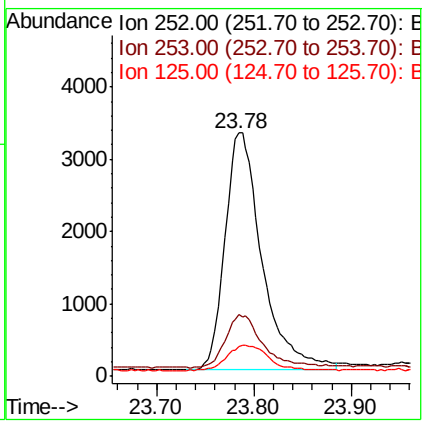


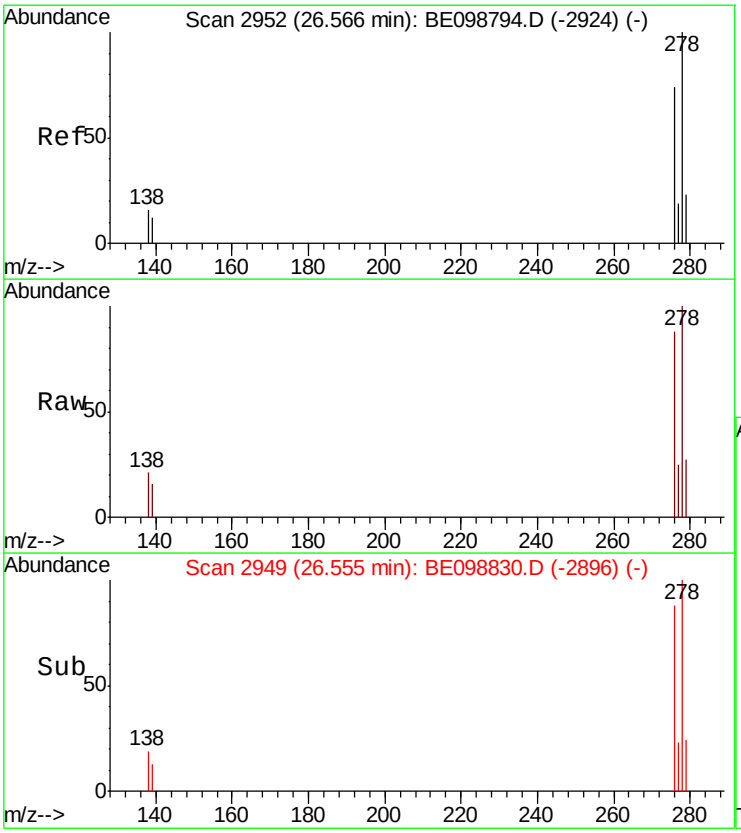
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:252 Resp: 8726

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.9	29.9
125	12.2	9.0	13.4

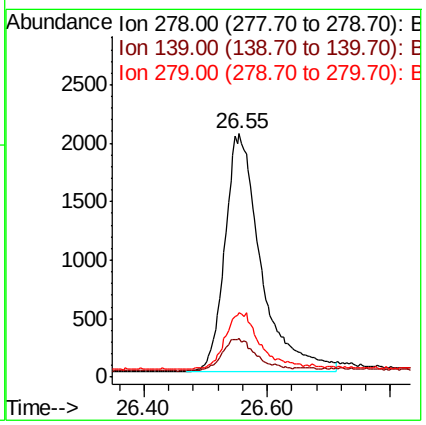


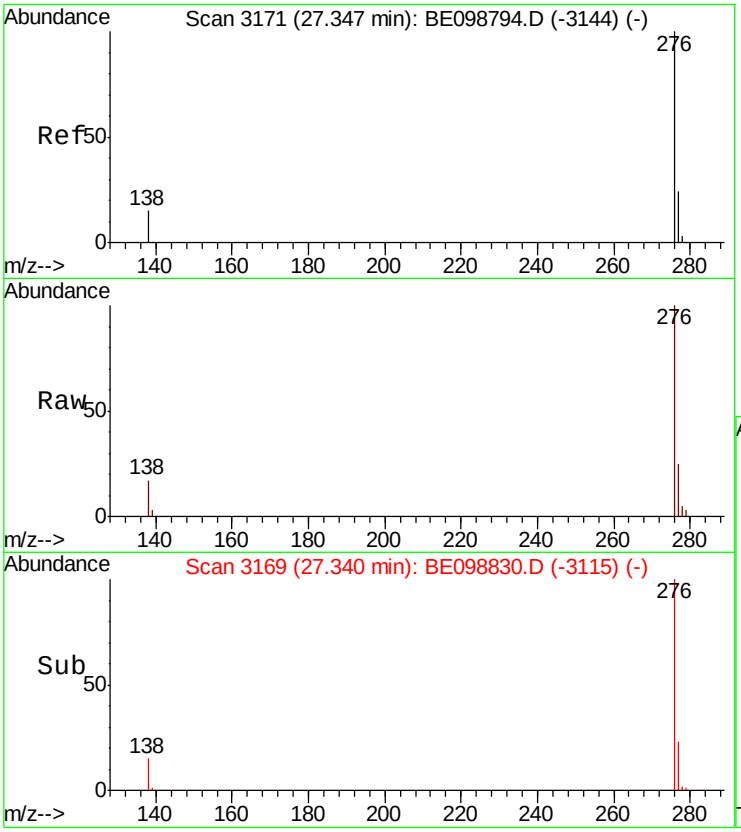


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.55 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Tgt Ion:278 Resp: 8275

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.8	17.6
279	26.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098830.D
Acq: 8 Mar 2019 10:03

Instrument :
BNA_E
ClientSampleId :
PB117716BS

Tgt Ion:276 Resp: 8621

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.4	30.6
138	16.7	13.6	20.4