Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098907.D
Acq On : 12 Mar 2019 20:45
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 13 07:46:40 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	870	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4033	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2613	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6729	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7561	0.40	ng		-0.01
34) Perylene-d12	23.89	264	7469	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	866	0.33	ng		0.01
5) Phenol-d6	6.99	99	1401	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	1308	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2877	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	390	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4264	0.39	ng		0.00
25) Fluoranthene-d10	19.24	212	36594	0.34	ng		0.00
29) Terphenyl-d14	19.84	244	7184	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	638	0.372	ng		96
3) n-Nitrosodimethylamine	3.66	42	401	0.183	ng	#	92
6) bis(2-Chloroethyl)ether	7.23	93	944	0.333	ng		97
9) Naphthalene	10.64	128	18273	0.396	ng		100
10) Hexachlorobutadiene	10.91	225	1225	0.401	ng		98
12) 2-Methylnaphthalene	12.27	142	2910	0.388	ng		97
16) Acenaphthylene	14.18	152	5127	0.382	ng		97
17) Acenaphthene	14.51	154	3173	0.398	ng		98
18) Fluorene	15.50	166	4430	0.385	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	1313	0.360	ng		97
21) Hexachlorobenzene	16.52	284	1684	0.388	ng		96
22) Pentachlorophenol	16.91	266	173	0.382	ng		93
23) Phenanthrene	17.26	178	7243	0.379	ng		99
24) Anthracene	17.35	178	5364	0.328	ng		99
26) Fluoranthene	19.27	202	9299	0.344	ng		99
28) Pyrene	19.64	202	9343	0.404	ng		100
30) Benzo(a)anthracene	21.38	228	7917	0.335	ng		98
31) Chrysene	21.44	228	10384	0.411	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14092	0.281	ng		99
33) Indeno(1,2,3-cd)pyrene	26.53	276	10813	0.406	ng		97
35) Benzo(b)fluoranthene	23.18	252	10372	0.422	ng		98
36) Benzo(k)fluoranthene	23.18	252	10484	0.408	ng		99
37) Benzo(a)pyrene	23.79	252	9169	0.389	ng	#	82
38) Dibenzo(a,h)anthracene	26.55	278	8353	0.375	ng	#	94
39) Benzo(g,h,i)perylene	27.33	276	9084	0.390	ng		99

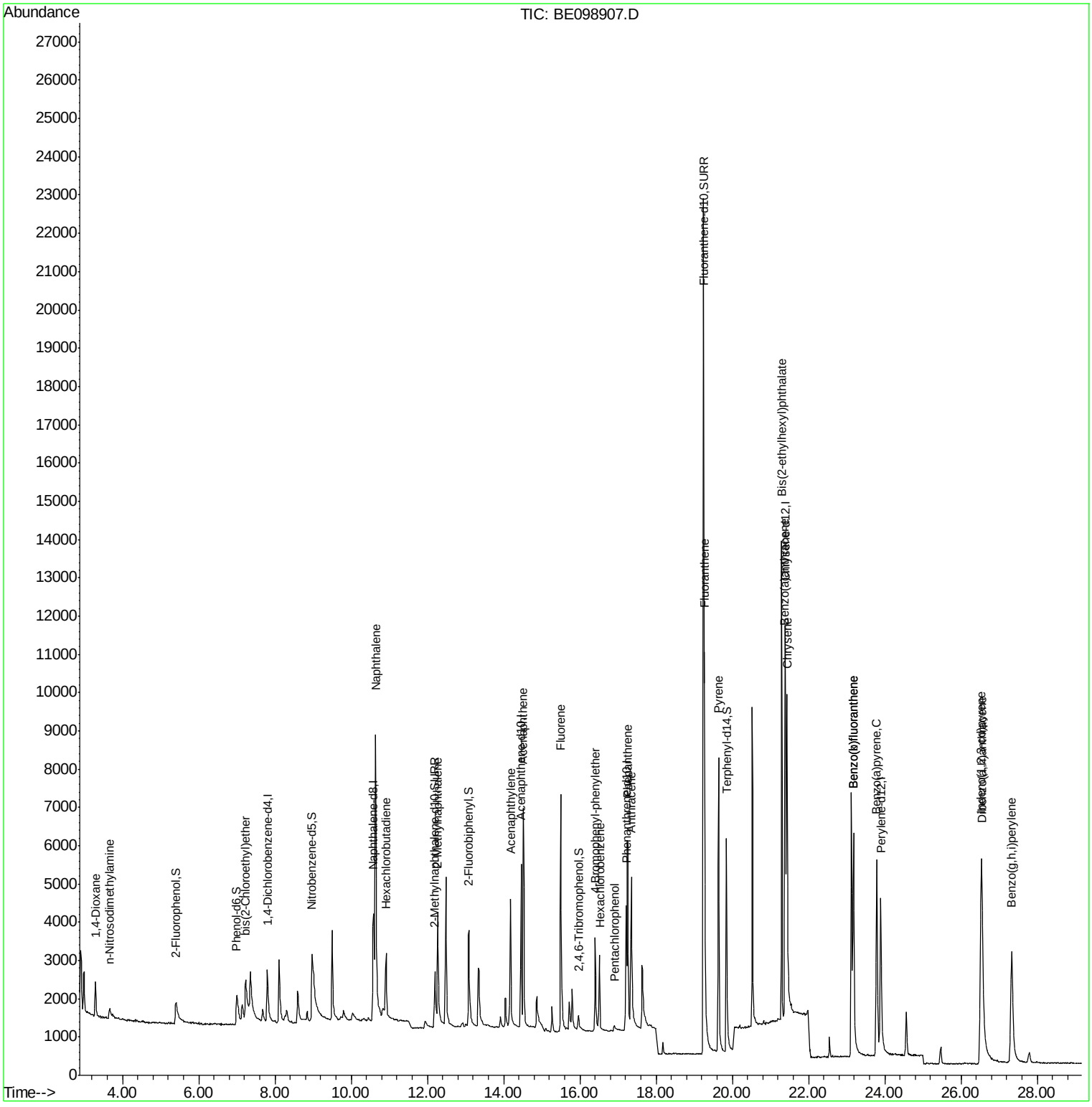
(#) = qualifier out of range (m) = manual integration (+) = signals summed

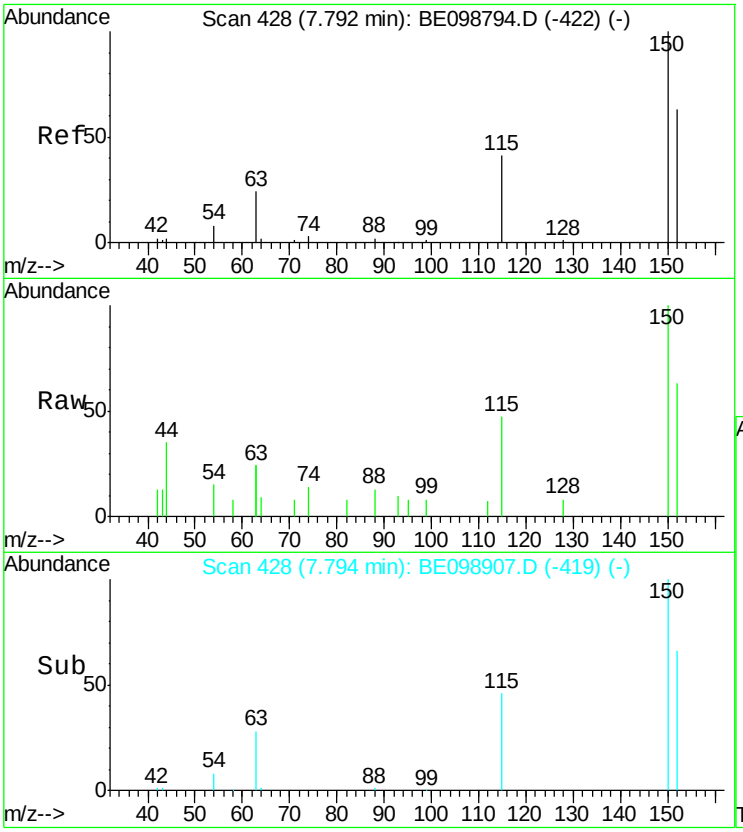
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098907.D
Acq On : 12 Mar 2019 20:45
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 13 07:46:40 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



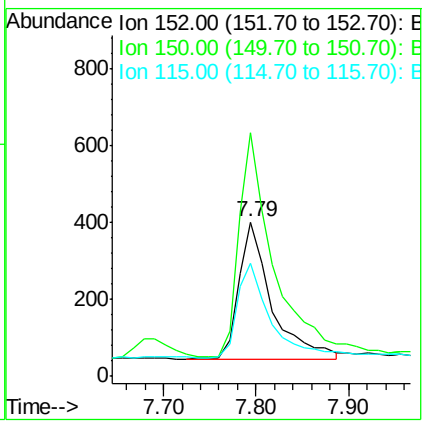


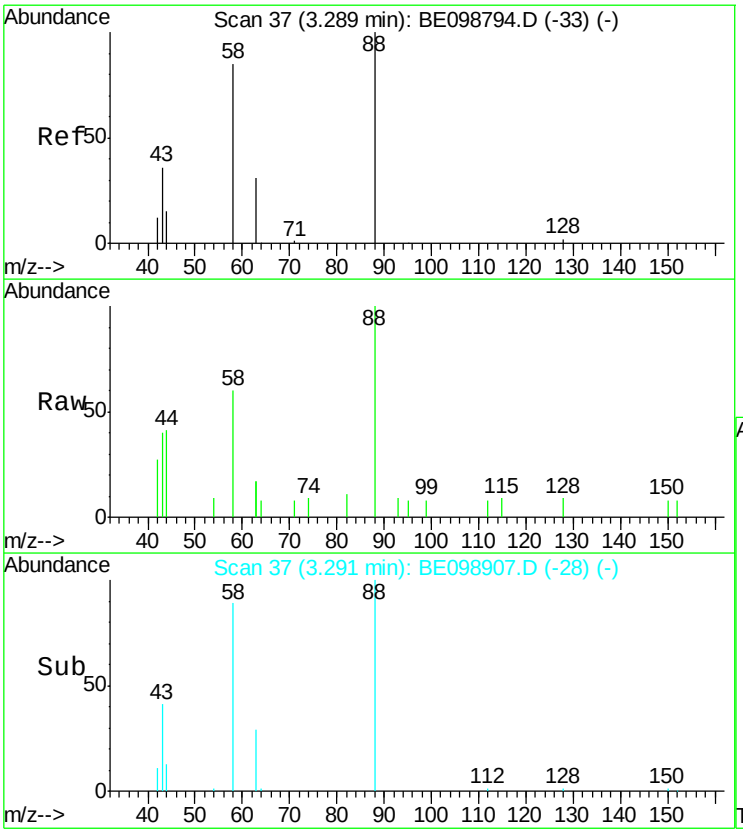
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 870

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.5	183.7
115	73.3	57.4	86.2

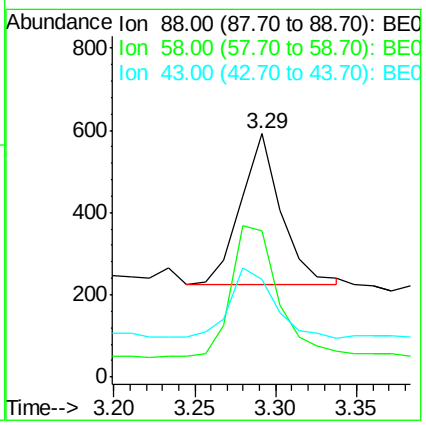


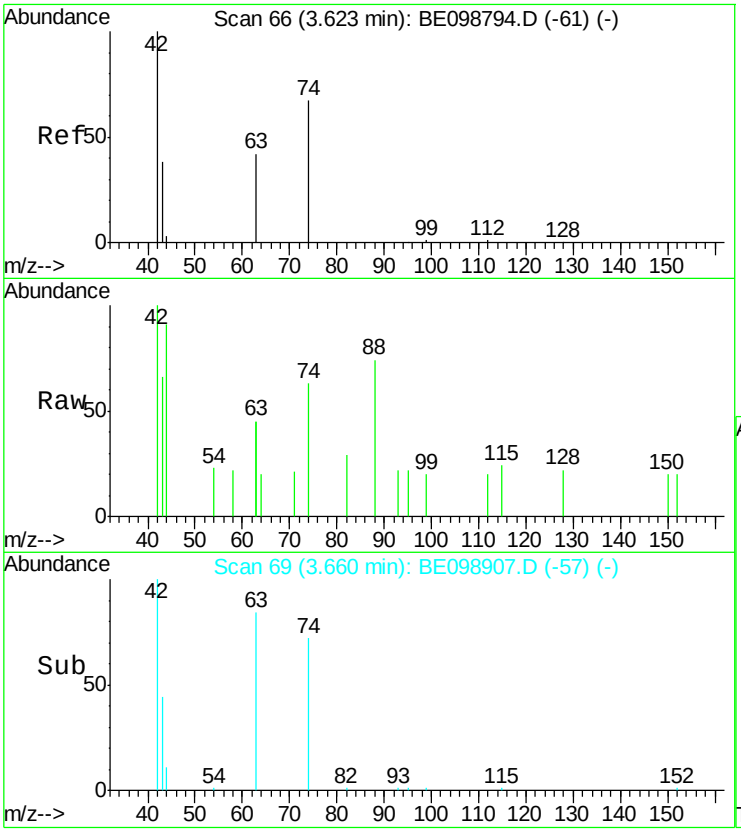


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion: 88 Resp: 638

Ion	Ratio	Lower	Upper
88	100		
58	100.5	75.8	113.6
43	51.7	41.8	62.8



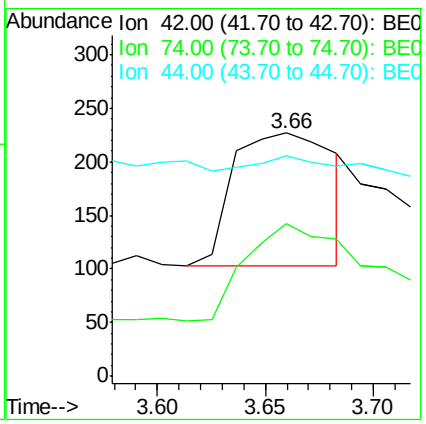


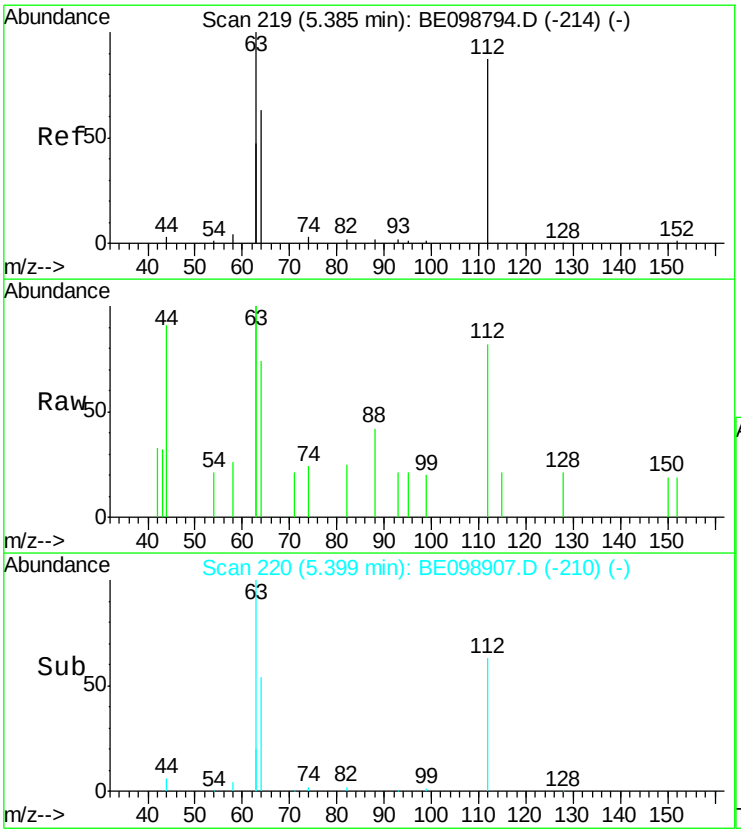
#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 401

Ion	Ratio	Lower	Upper
42	100		
74	64.6	57.0	85.4
44	7.0	0.0	0.0#

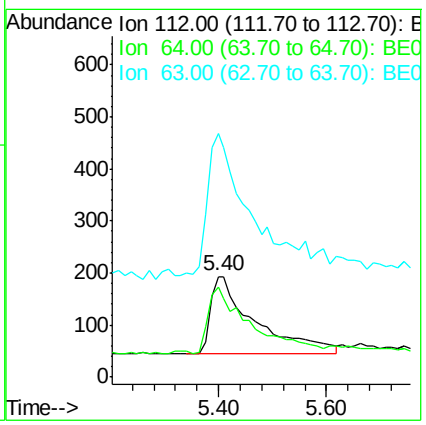


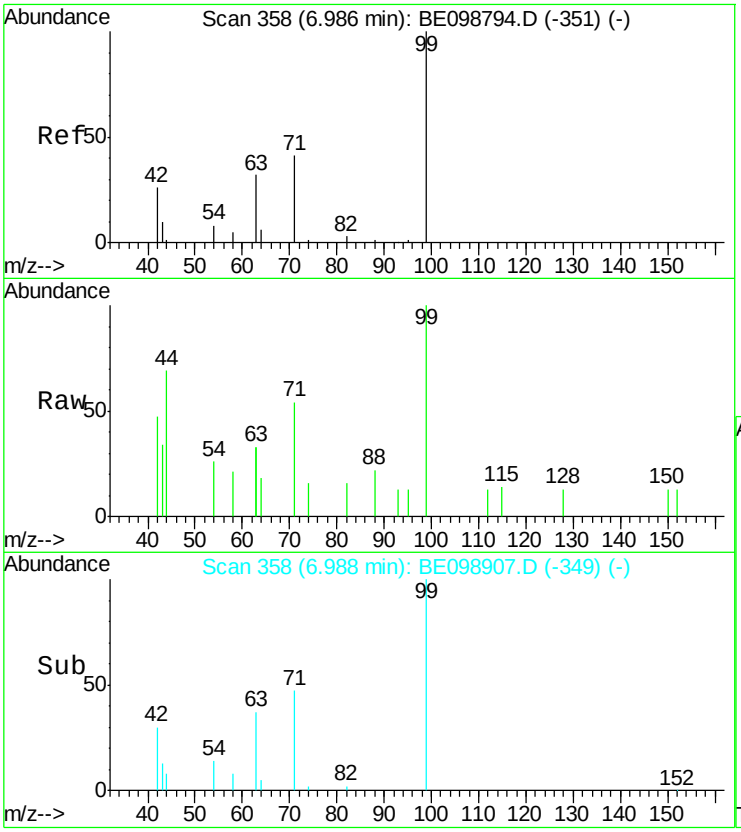


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:112 Resp: 866

Ion	Ratio	Lower	Upper
112	100		
64	81.6	57.9	86.9
63	188.3	158.3	237.5



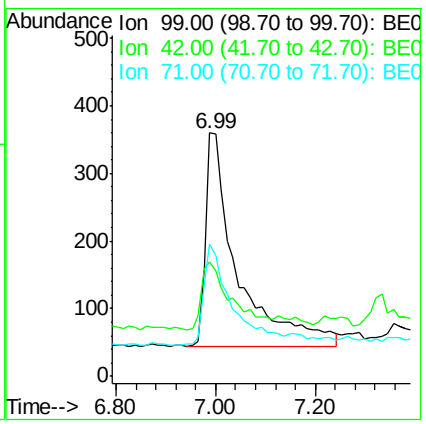


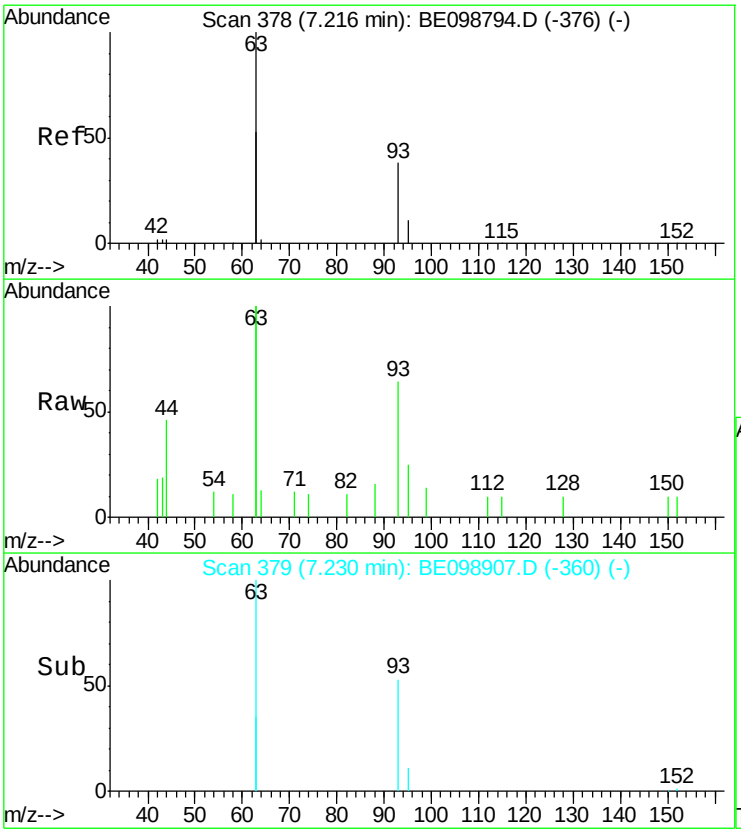
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1401

Ion	Ratio	Lower	Upper
99	100		
42	30.1	24.2	36.2
71	41.3	35.7	53.5

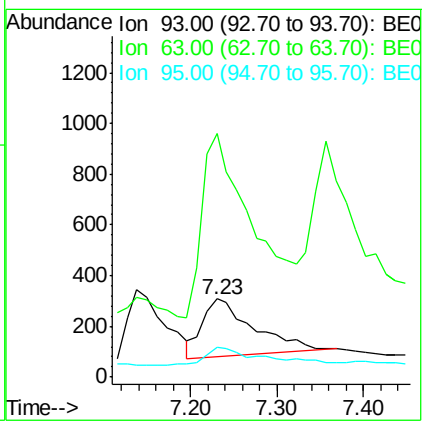


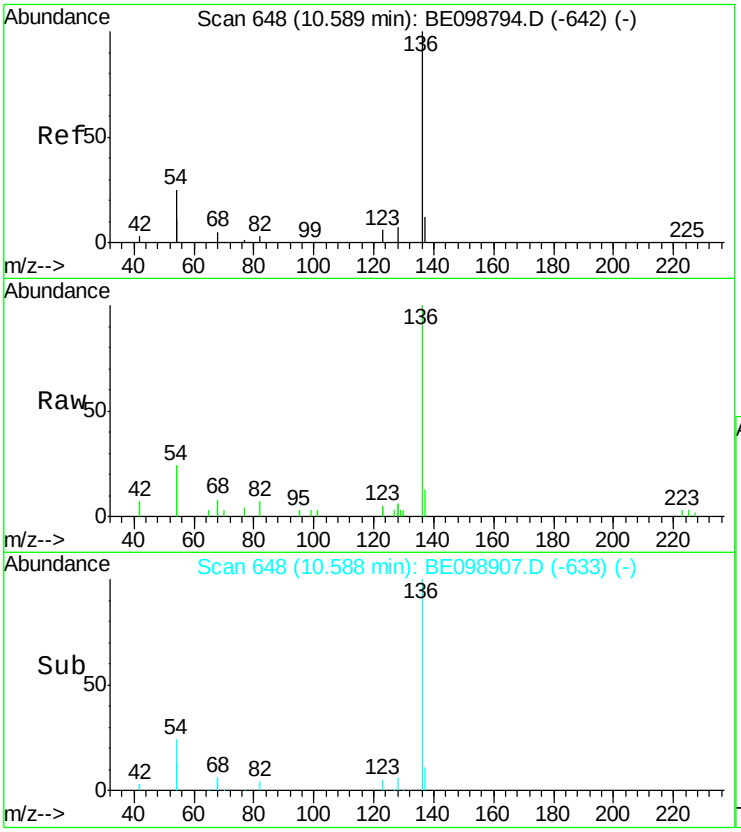


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion: 93 Resp: 944

Ion	Ratio	Lower	Upper
93	100		
63	314.4	247.5	371.3
95	31.7	21.8	32.8



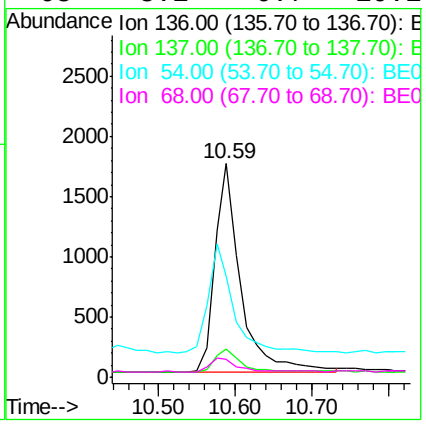


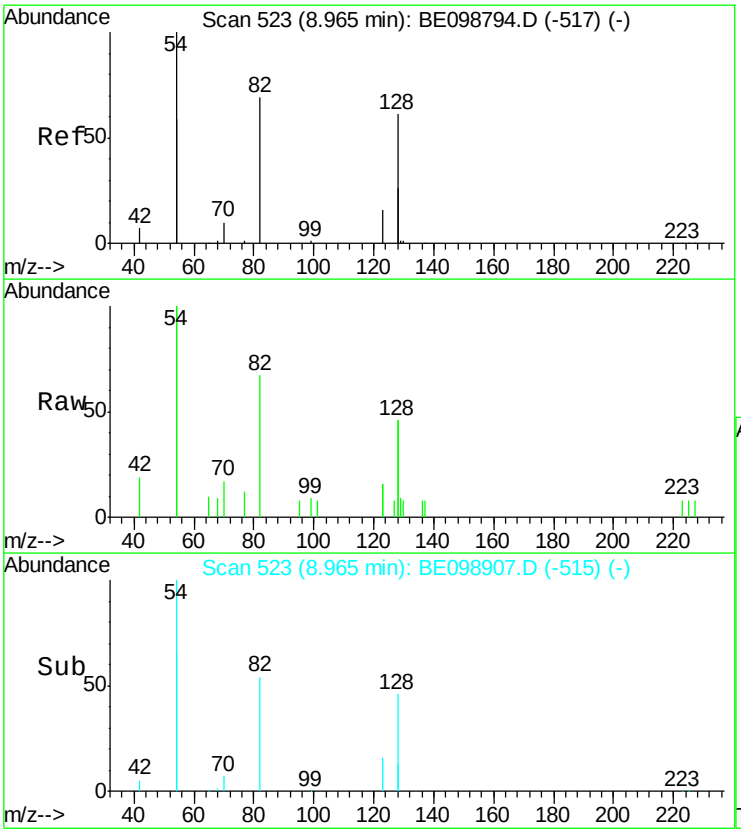
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4033

Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.4	17.0
54	47.5	39.3	58.9
68	8.1	6.7	10.1

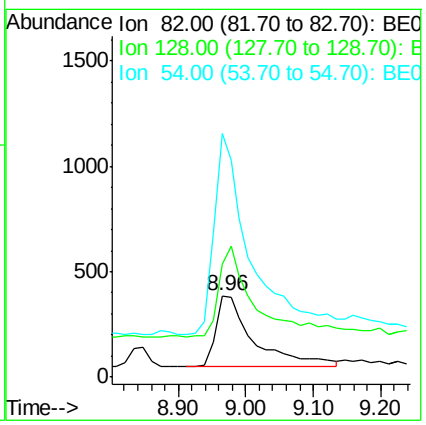


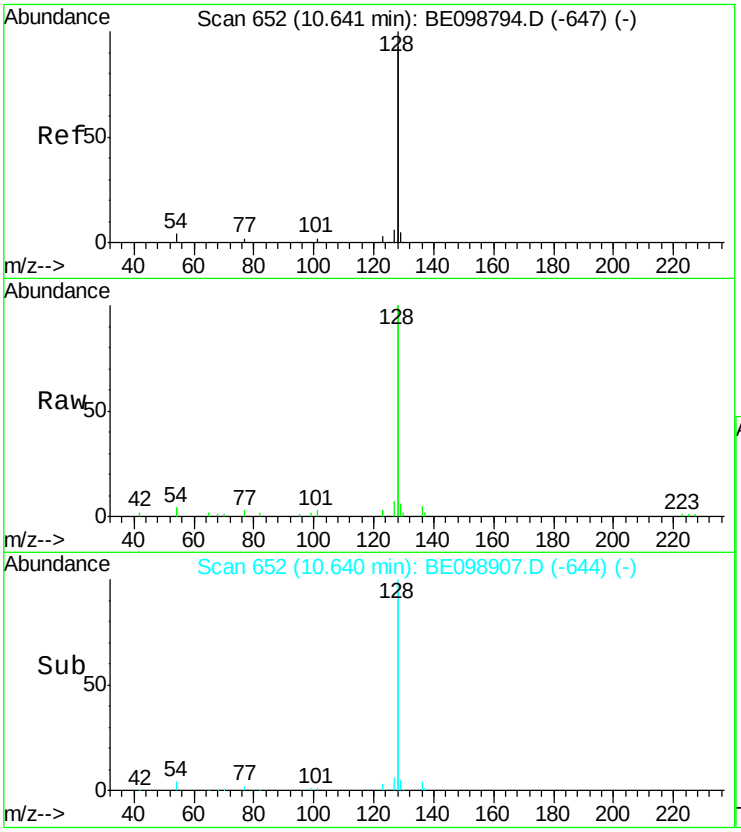


#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion: 82 Resp: 1308

Ion	Ratio	Lower	Upper
82	100		
128	138.0	123.8	185.8
54	298.7	203.4	305.2



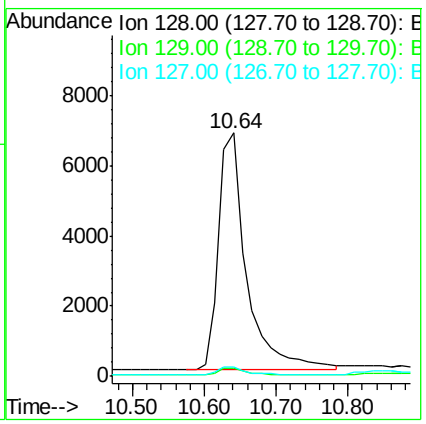


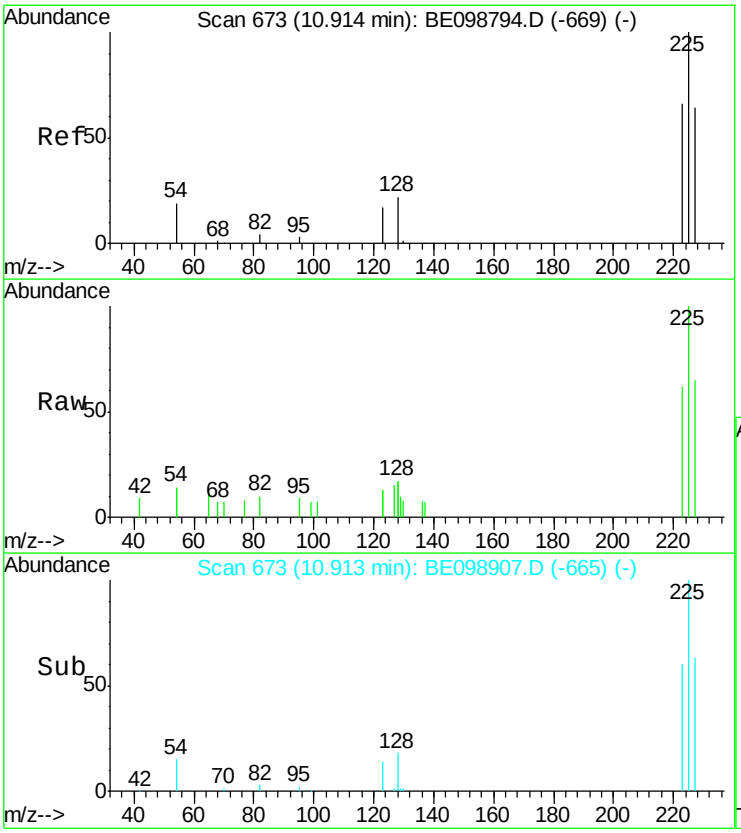
#9
Naphthalene
Concen: 0.396 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18273

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.7	3.1	4.7

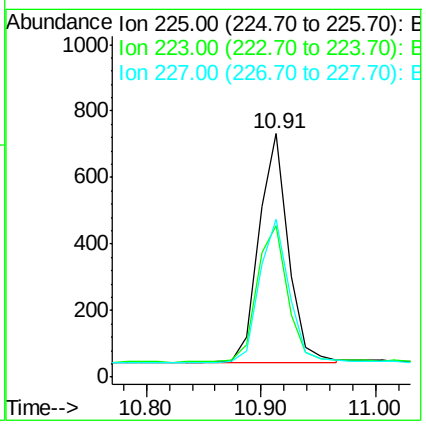


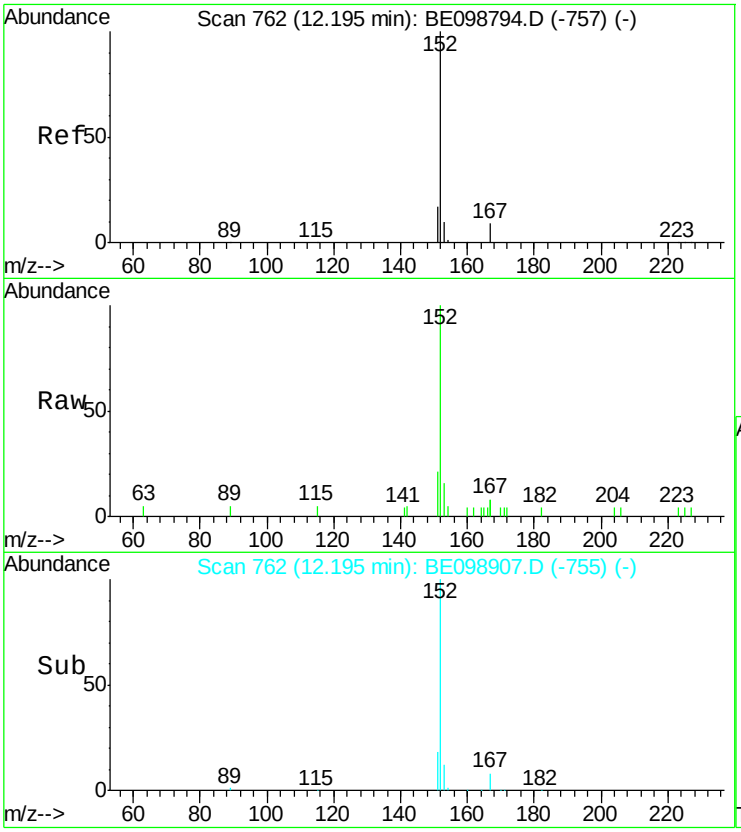


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:225 Resp: 1225

Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.1	76.7
227	63.6	51.6	77.4



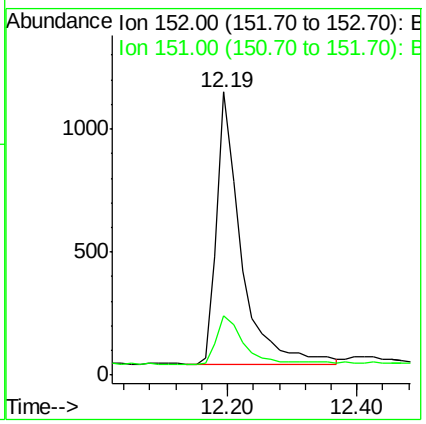


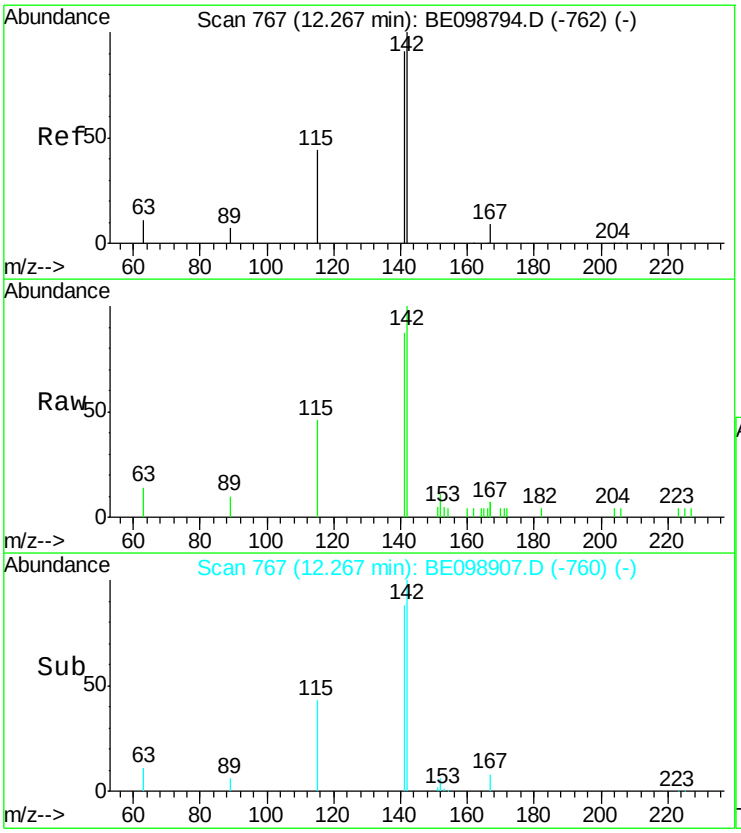
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2877

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7

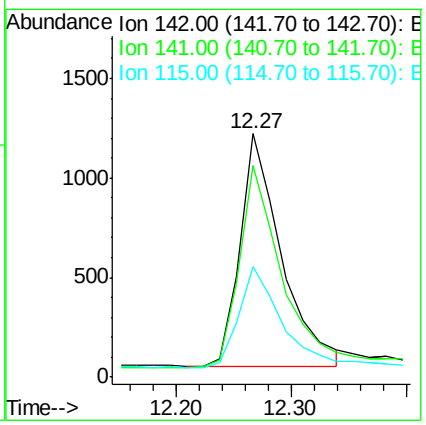


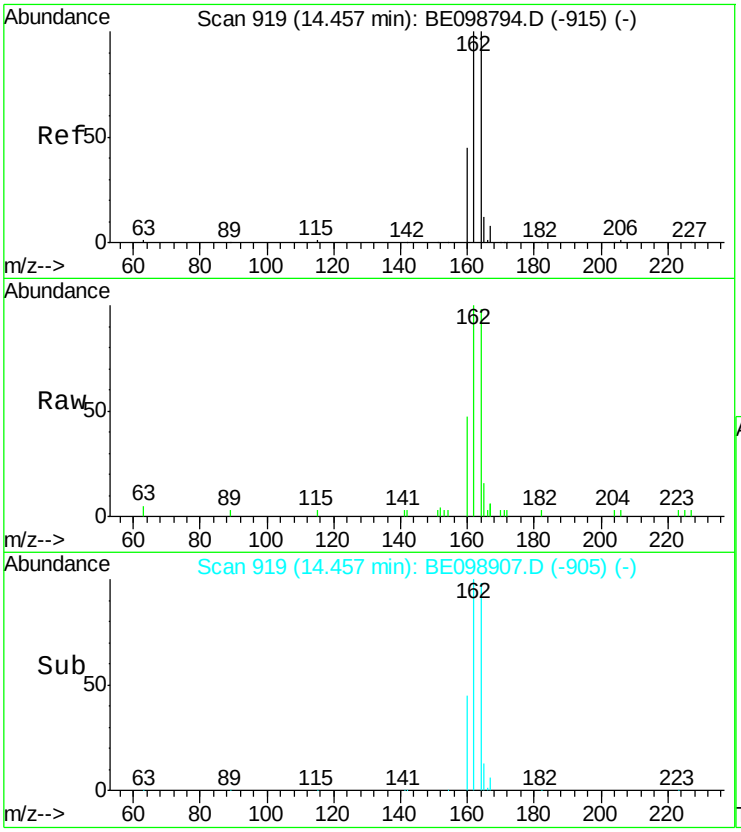


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:142 Resp: 2910

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	45.5	37.4	56.2



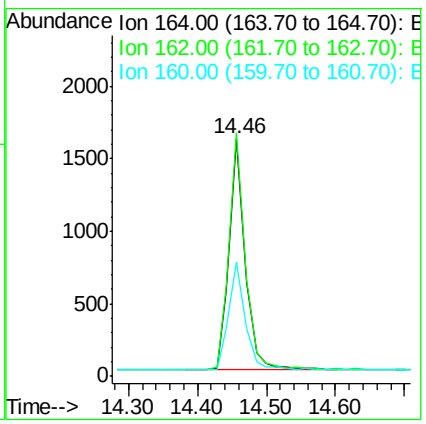


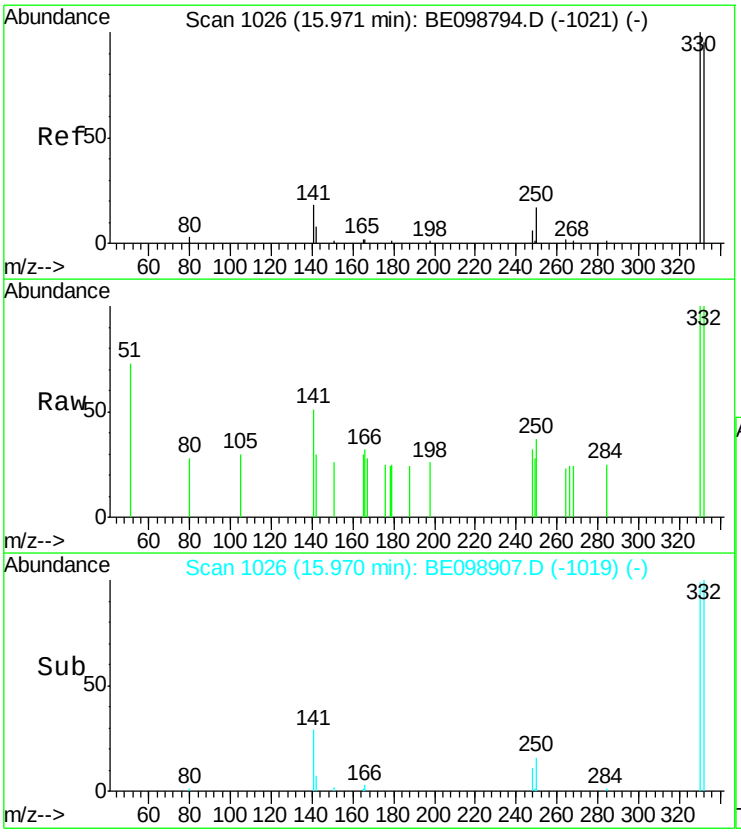
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2613

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	48.0	37.8	56.8

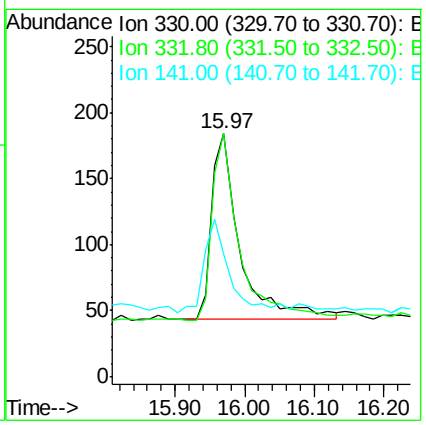


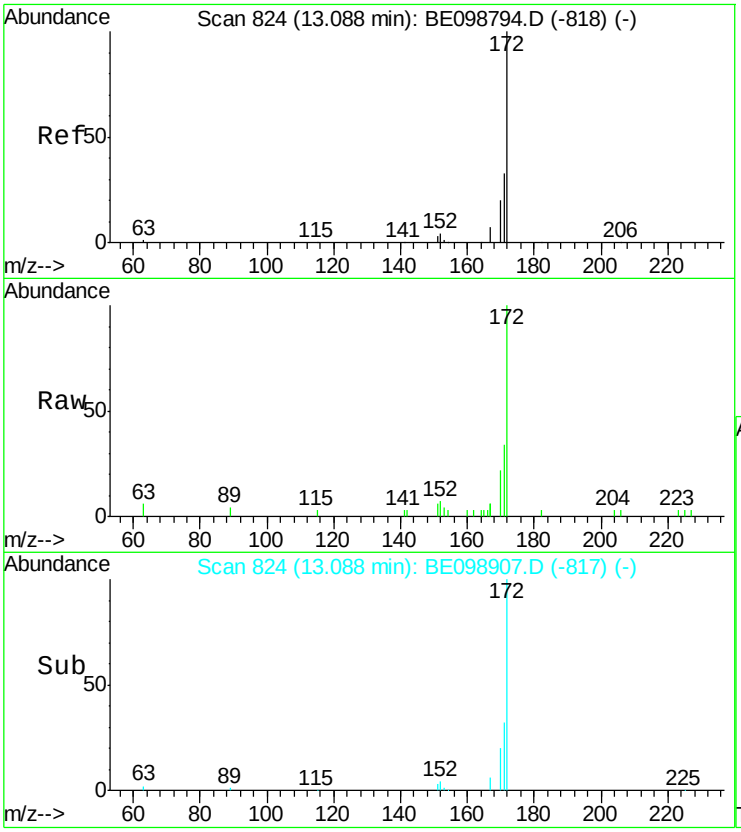


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:330 Resp: 390

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.6	116.4
141	45.6	31.0	46.4



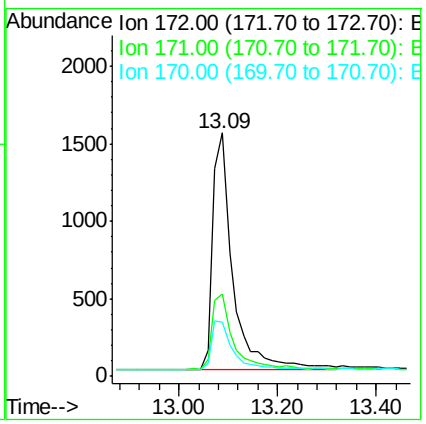


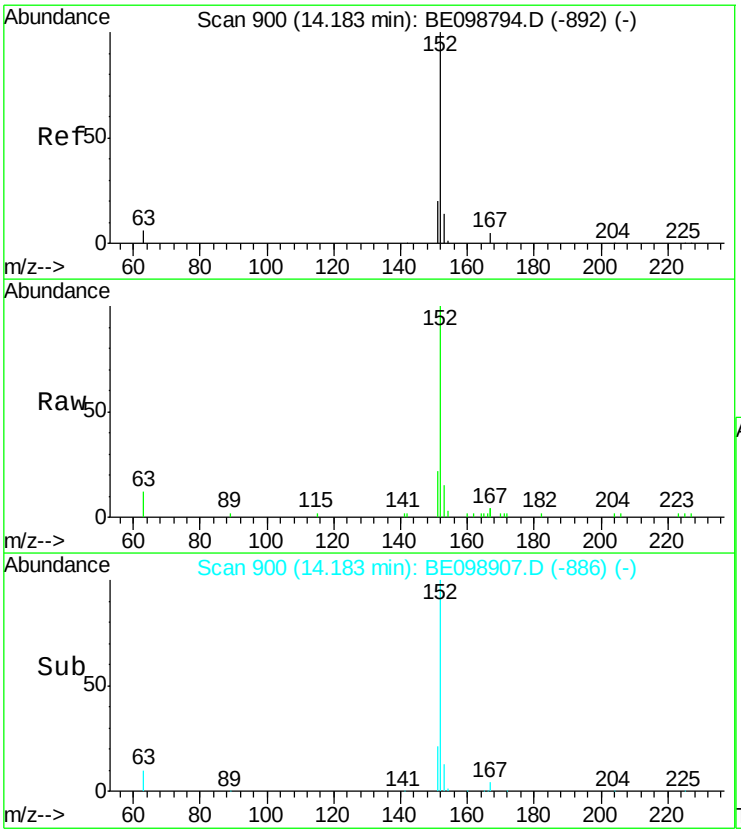
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4264

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	22.4	17.7	26.5

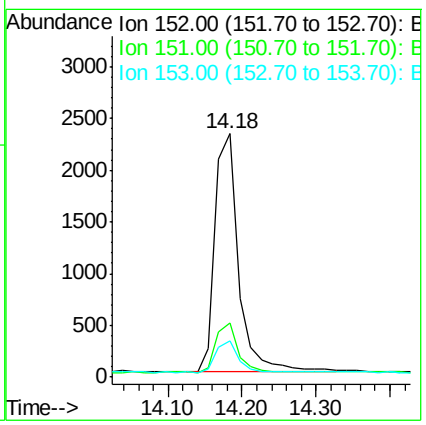


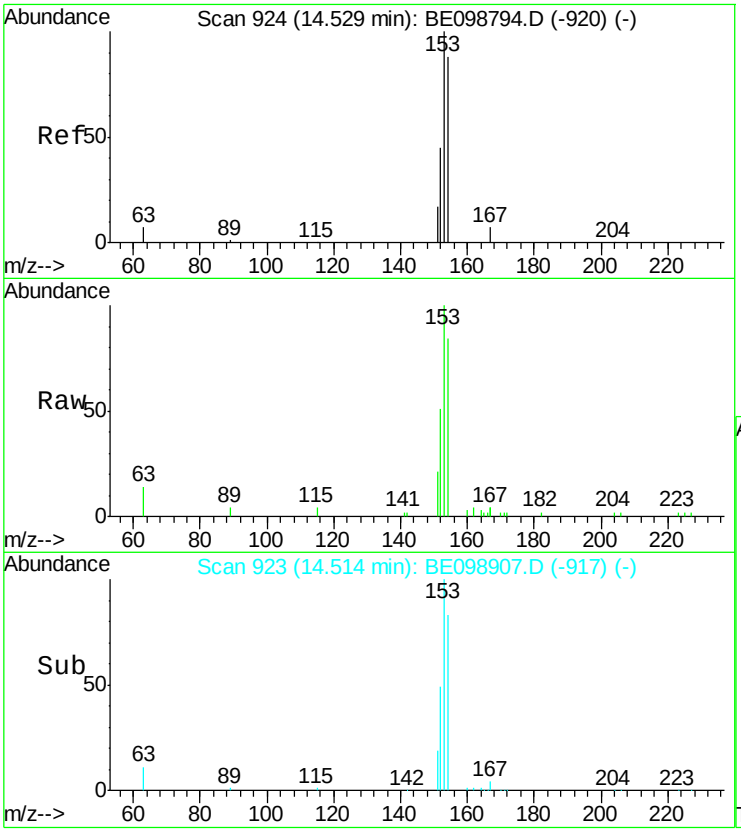


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:152 Resp: 5127

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.1	11.2	16.8



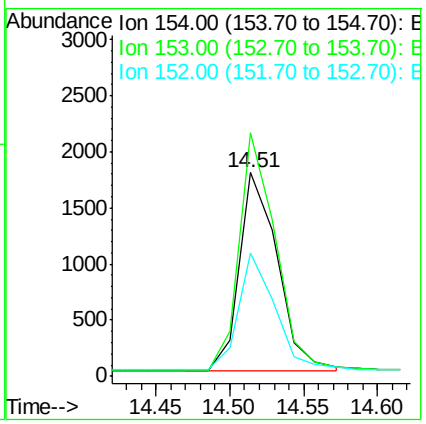


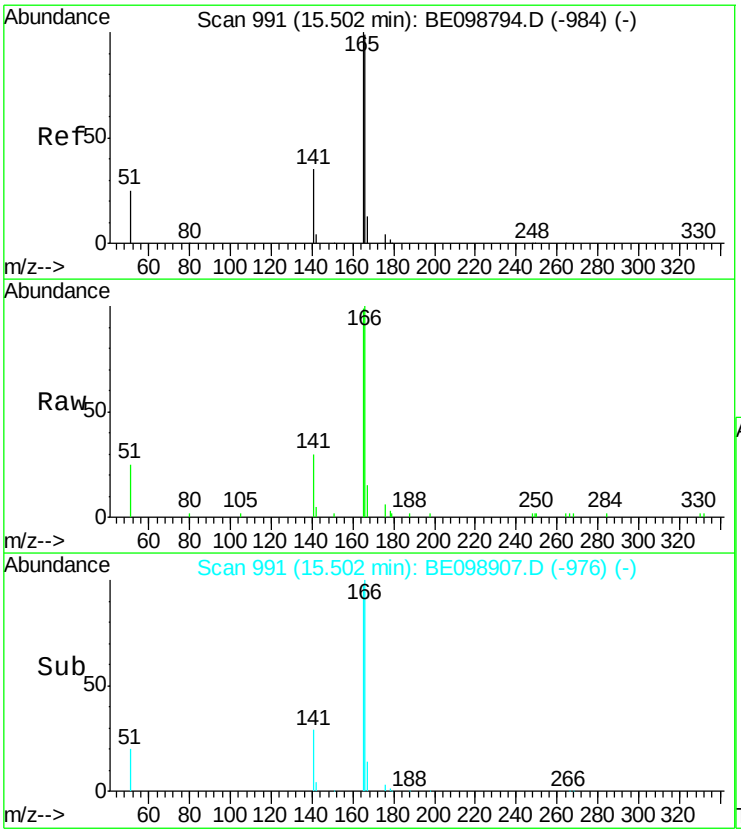
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3173

Ion	Ratio	Lower	Upper
154	100		
153	114.8	94.2	141.4
152	56.2	45.0	67.4

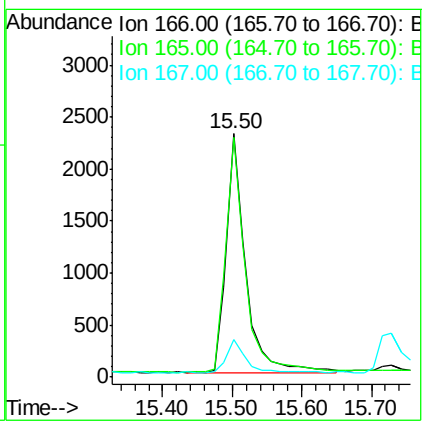


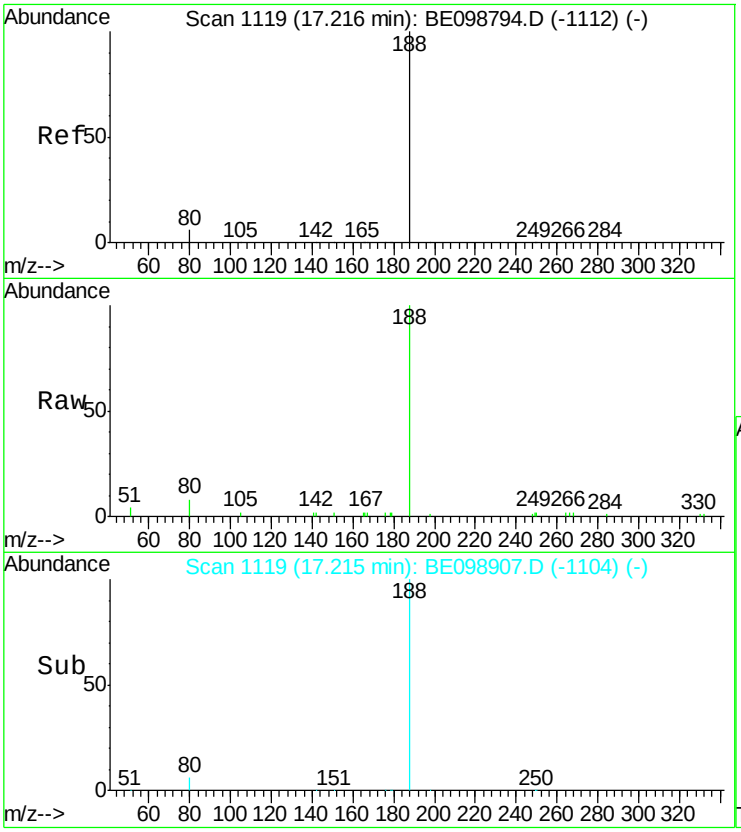


#18
Fluorene
Concen: 0.385 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:166 Resp: 4430

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.3	118.9
167	13.1	10.5	15.7



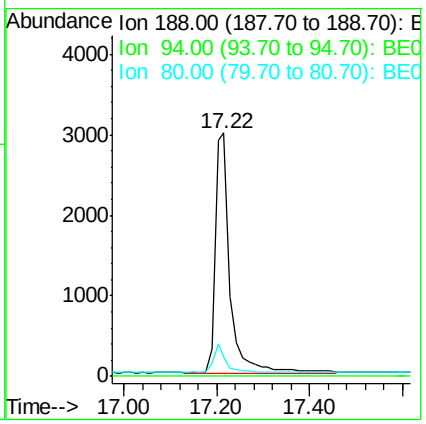


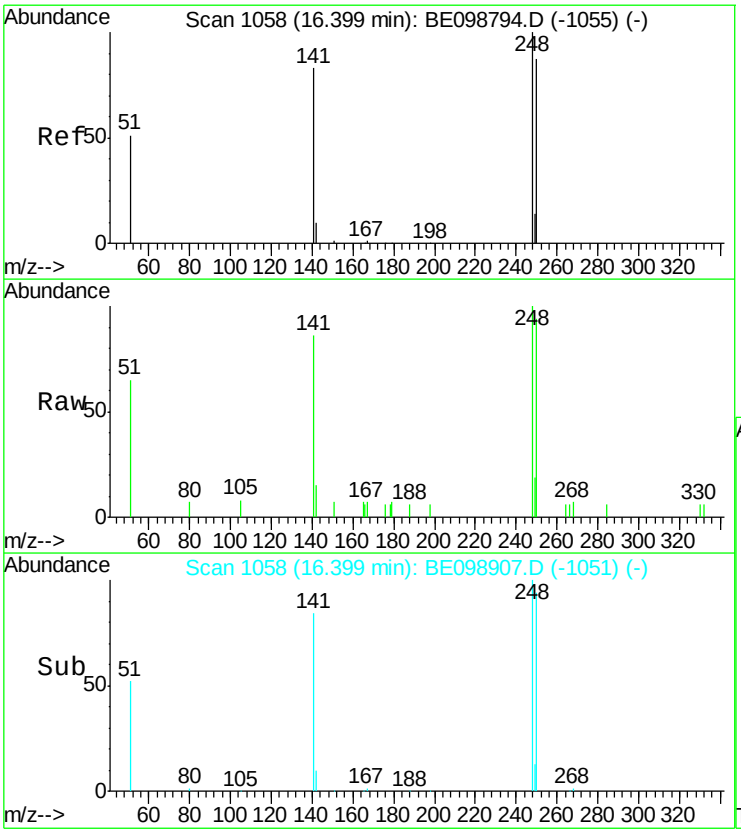
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 6729

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.3	9.5

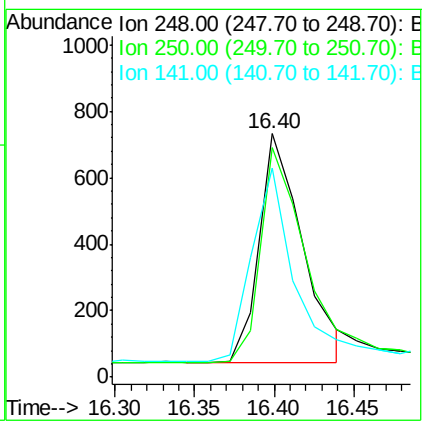


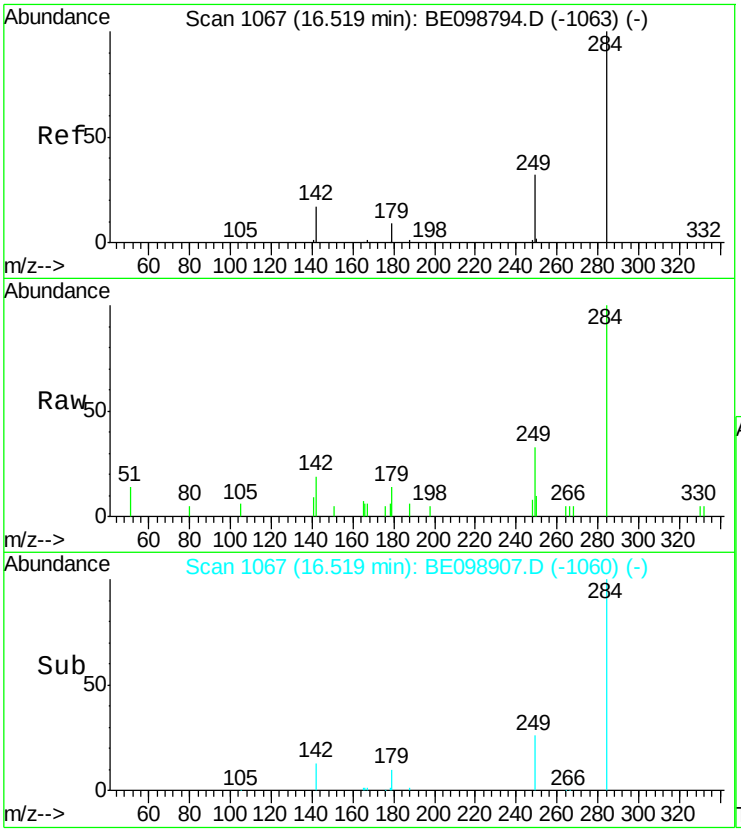


#20
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:248 Resp: 1313

Ion	Ratio	Lower	Upper
248	100		
250	94.3	70.6	105.8
141	85.7	68.6	102.8



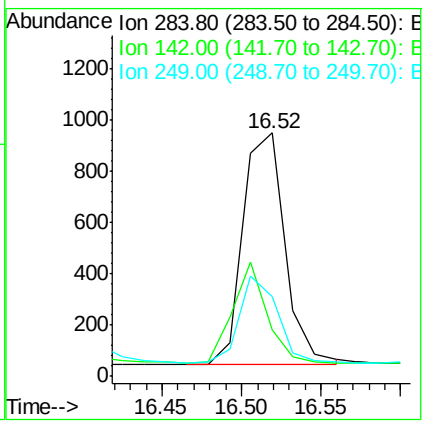


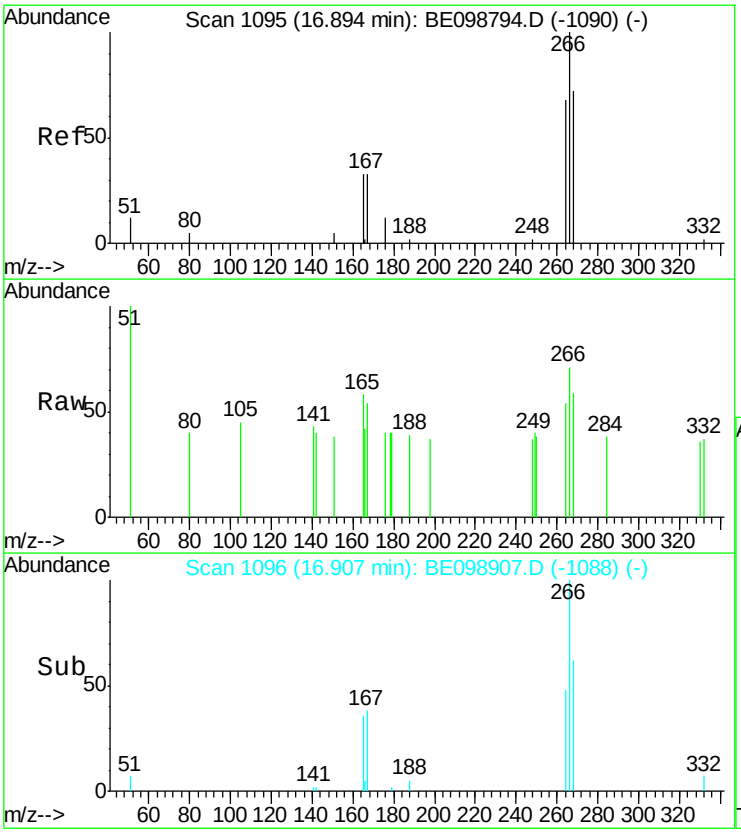
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1684

Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.7	43.1
249	33.3	29.6	44.4

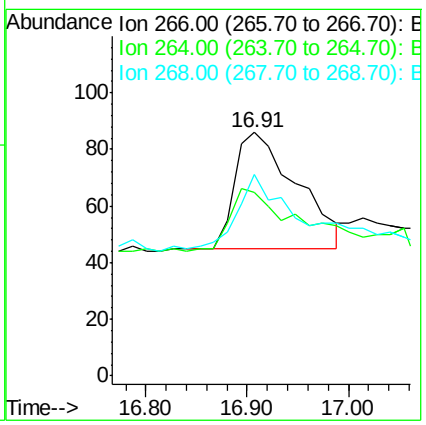


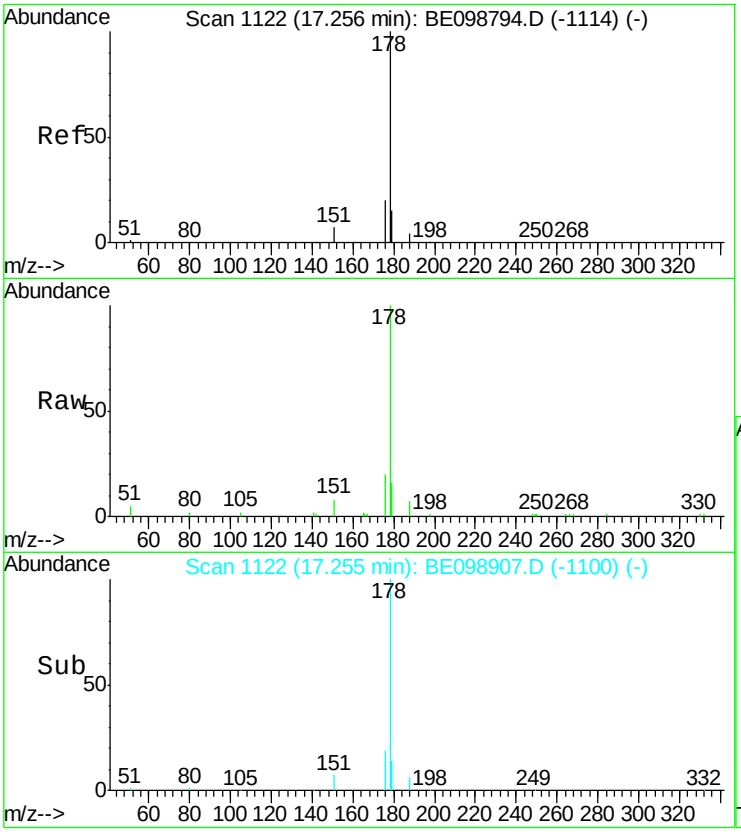


#22
Pentachlorophenol
Concen: 0.382 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:266 Resp: 173

Ion	Ratio	Lower	Upper
266	100		
264	75.6	66.6	100.0
268	82.6	69.8	104.8



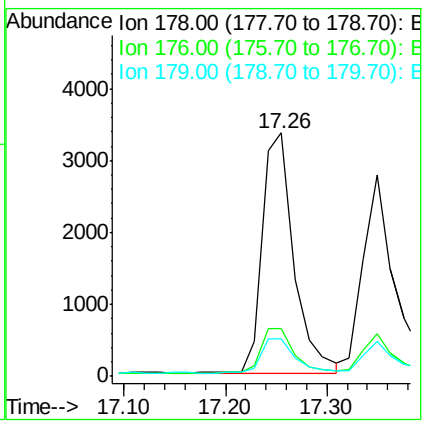


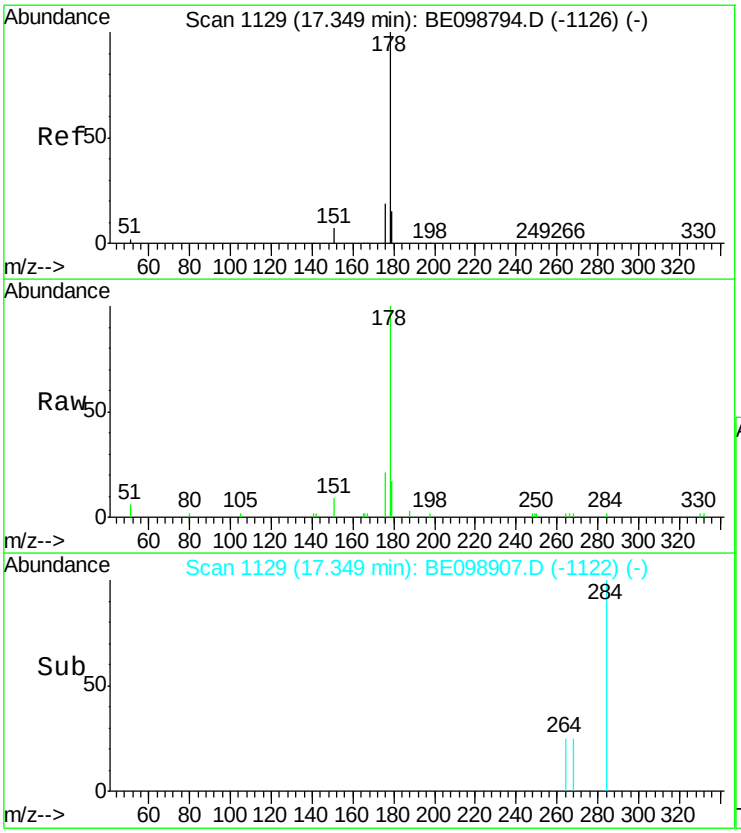
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7243

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.1	12.1	18.1

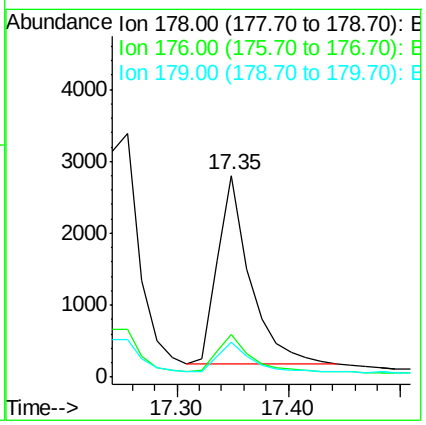


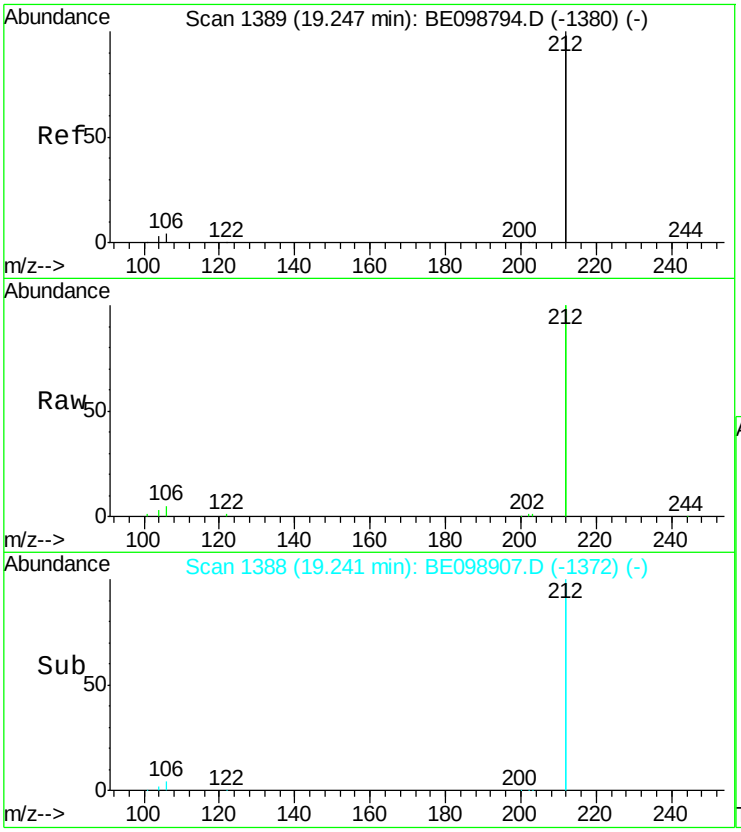


#24
Anthracene
Concen: 0.328 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:178 Resp: 5364

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.8	12.2	18.4



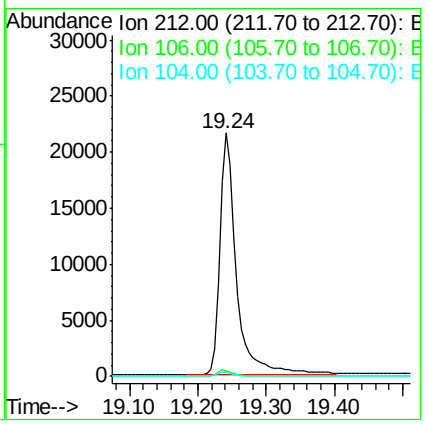


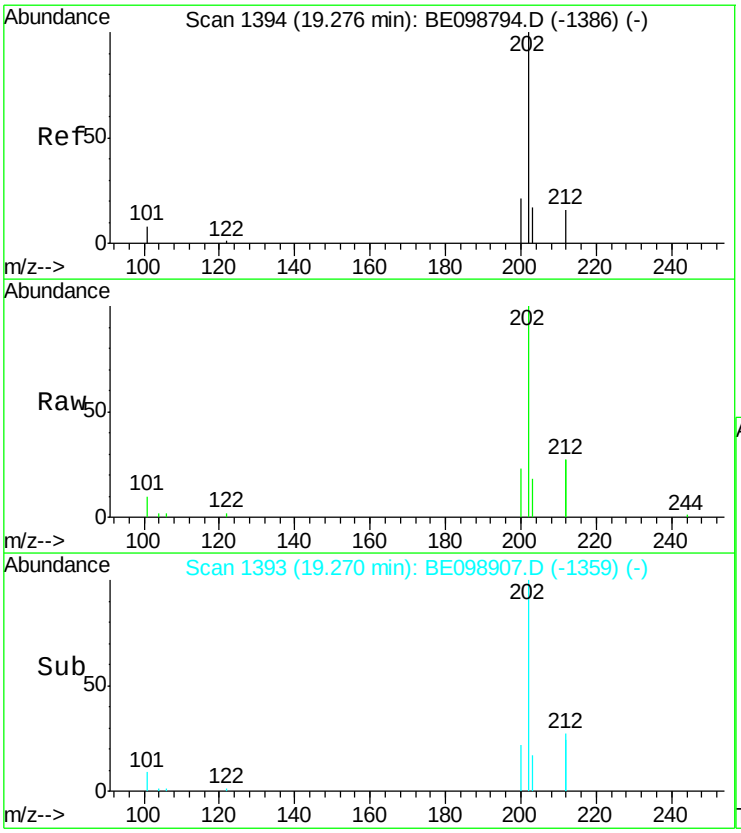
#25
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 36594

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

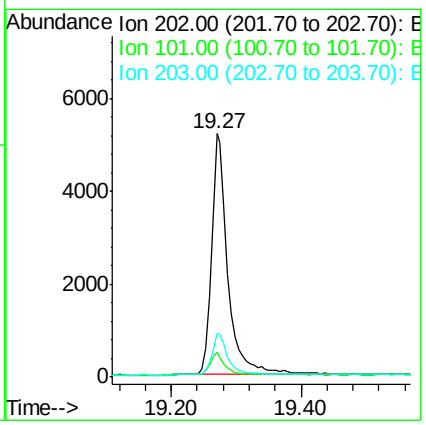


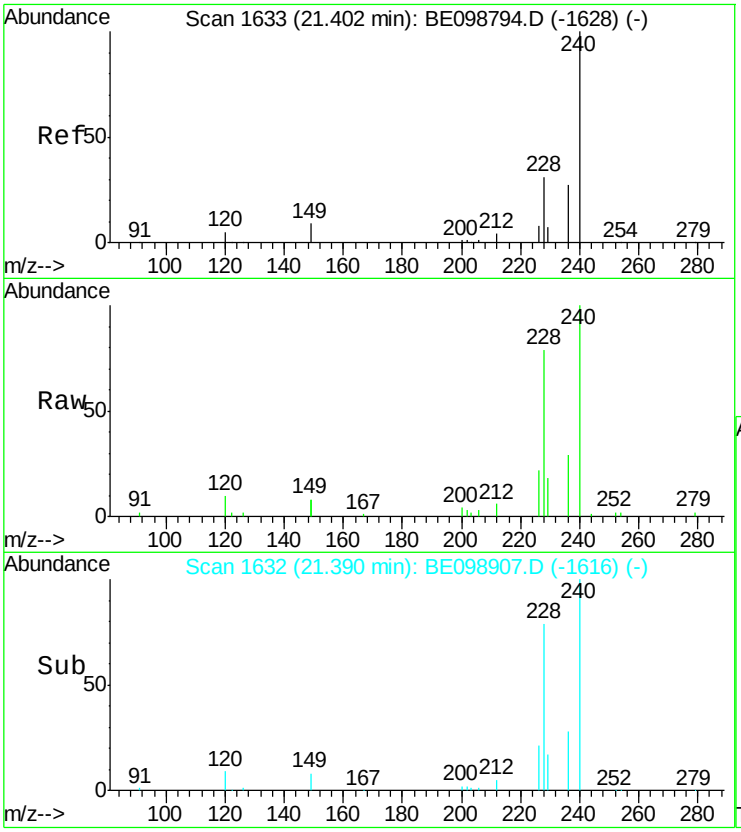


#26
Fluoranthene
Concen: 0.344 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:202 Resp: 9299

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.3	10.9
203	16.9	13.4	20.2



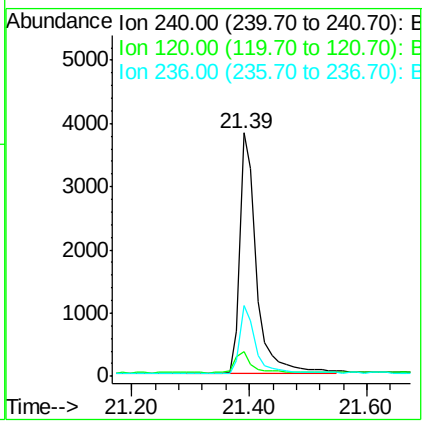


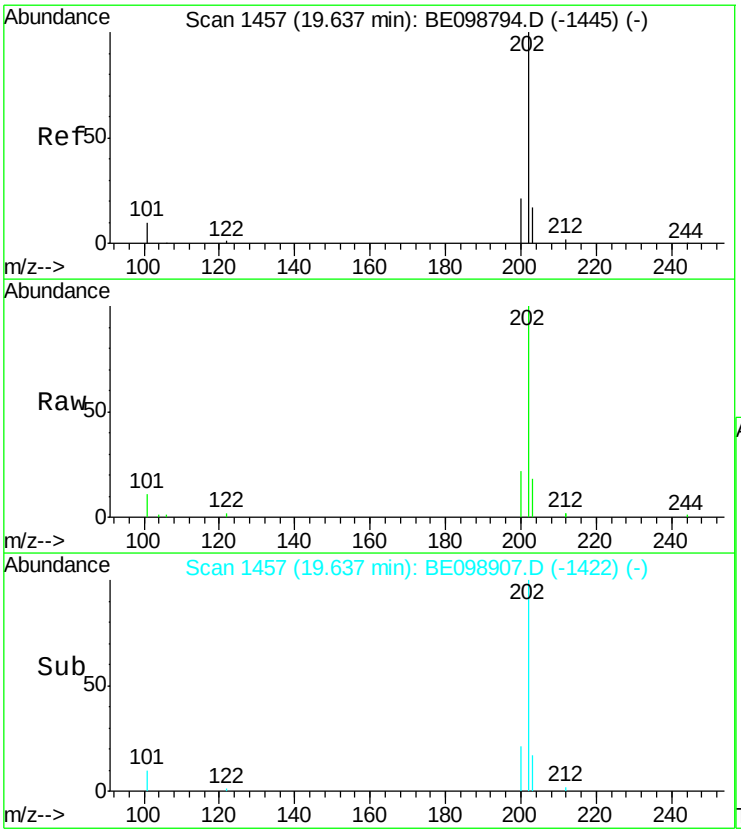
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7561

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.0	7.4#
236	28.9	22.7	34.1

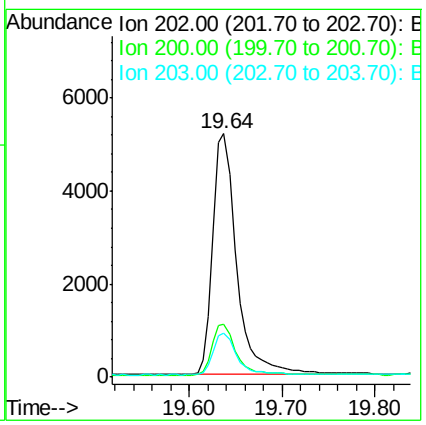


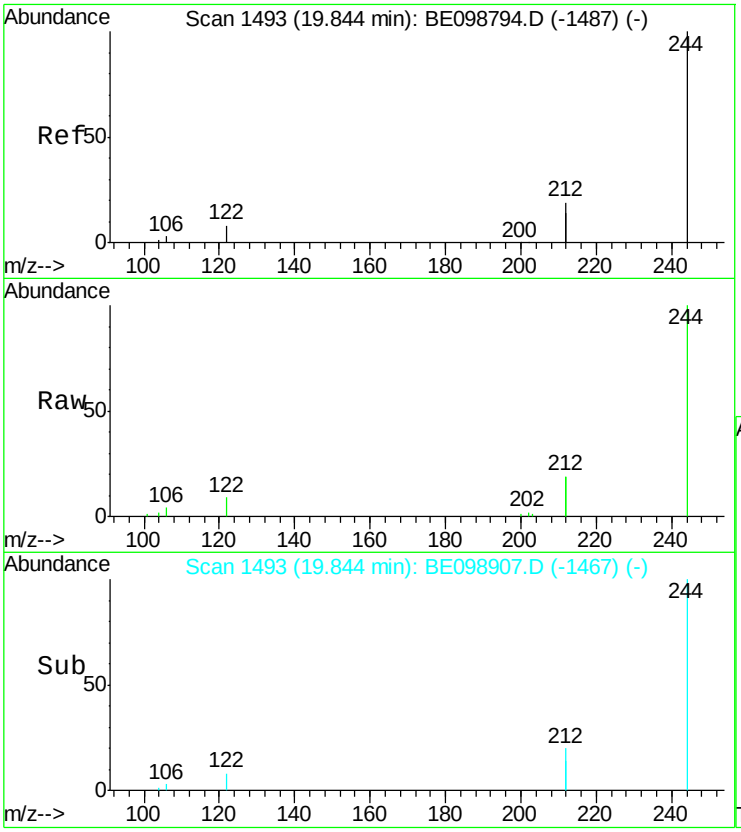


#28
Pyrene
Concen: 0.404 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:202 Resp: 9343

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.7	14.2	21.2



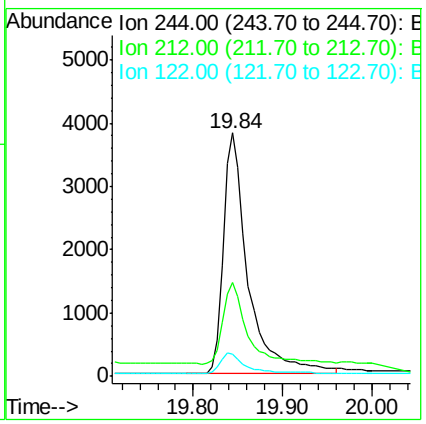


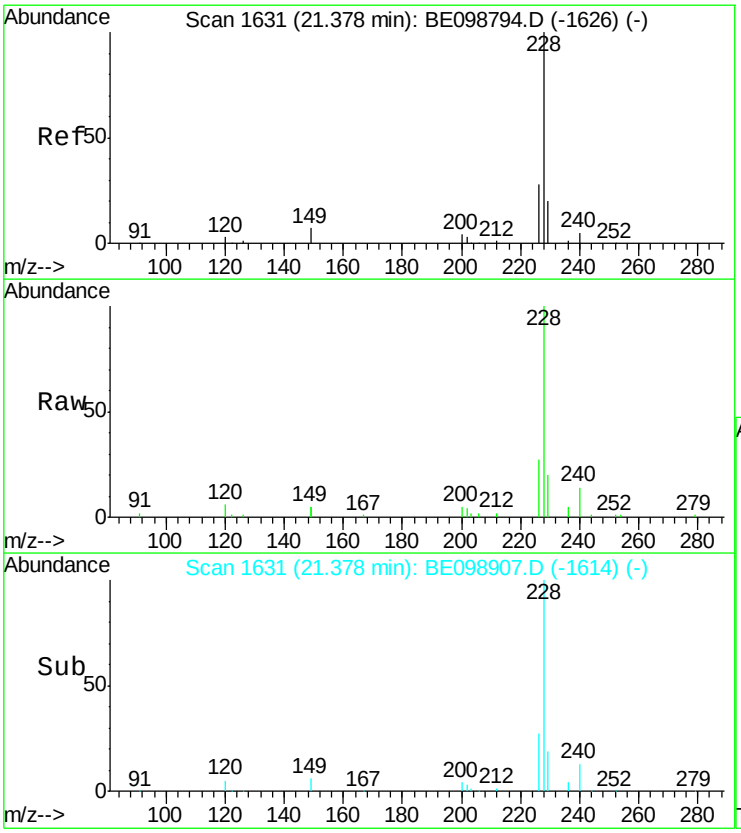
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7184

Ion	Ratio	Lower	Upper
244	100		
212	38.7	29.4	44.2
122	9.2	7.1	10.7

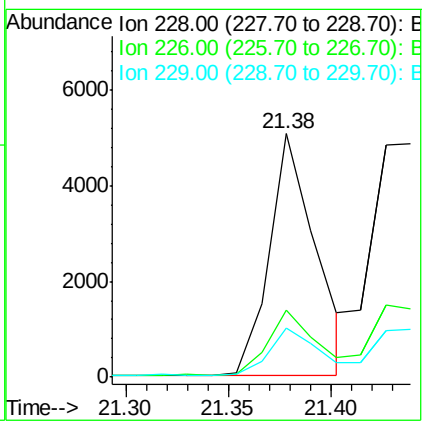


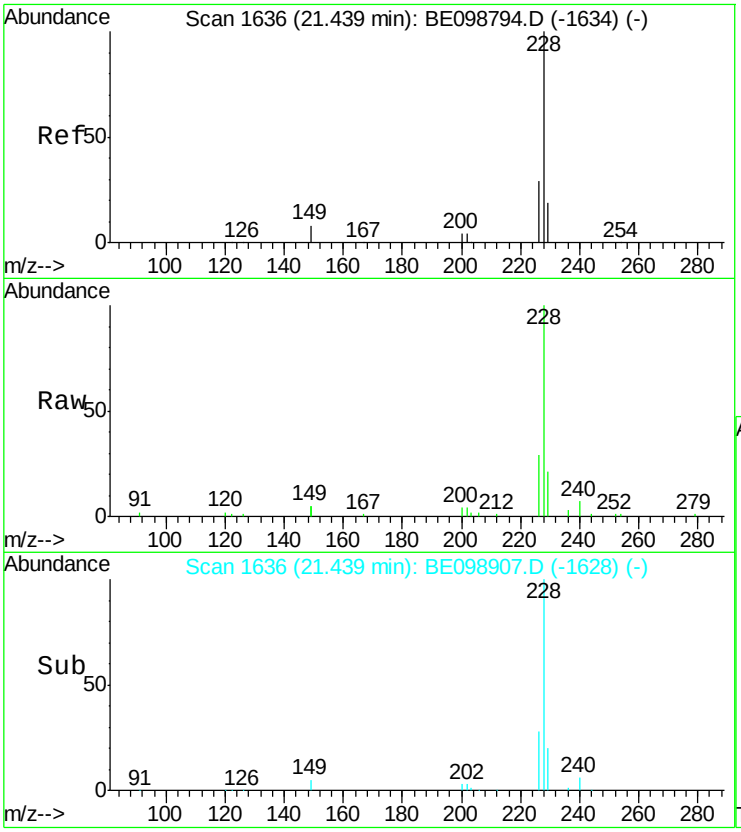


#30
Benzo(a)anthracene
Concen: 0.335 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:228 Resp: 7917

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.2	16.5	24.7



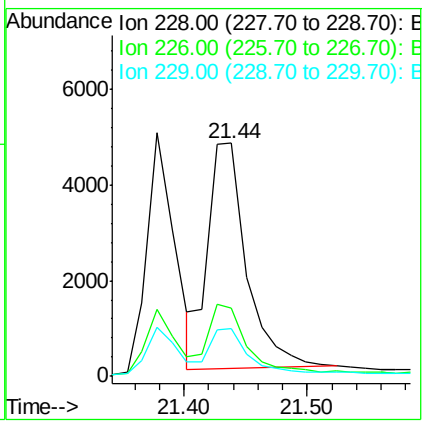


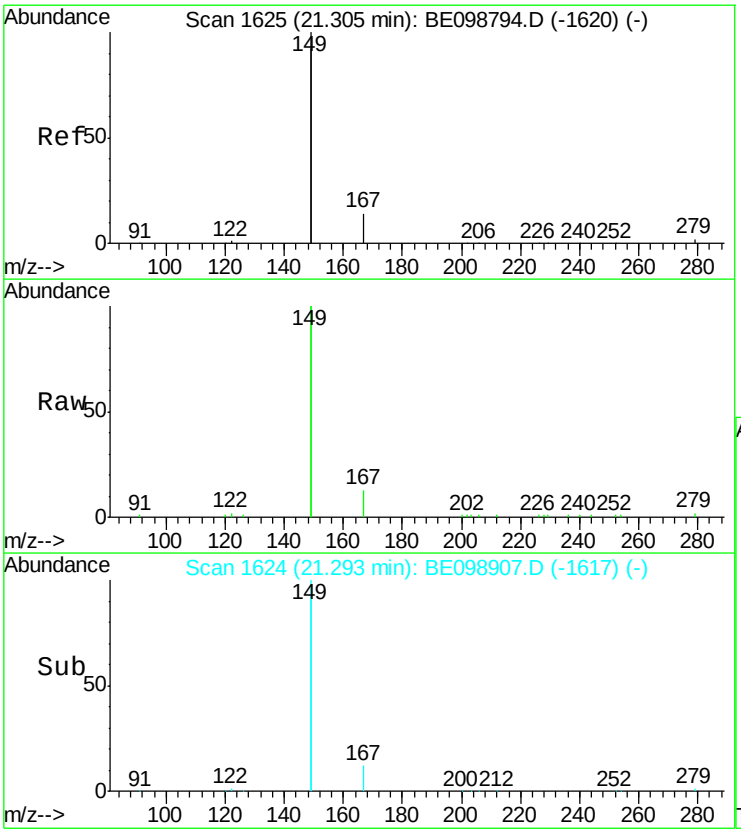
#31
Chrysene
Concen: 0.411 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10384

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.7	35.5
229	20.5	16.1	24.1

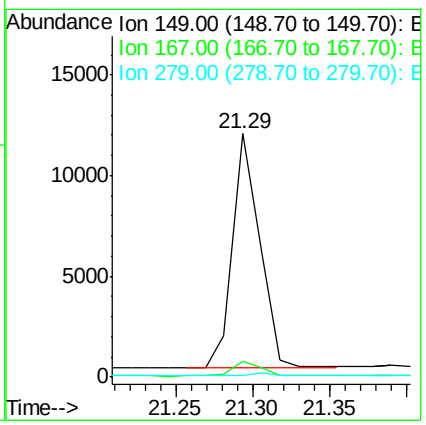


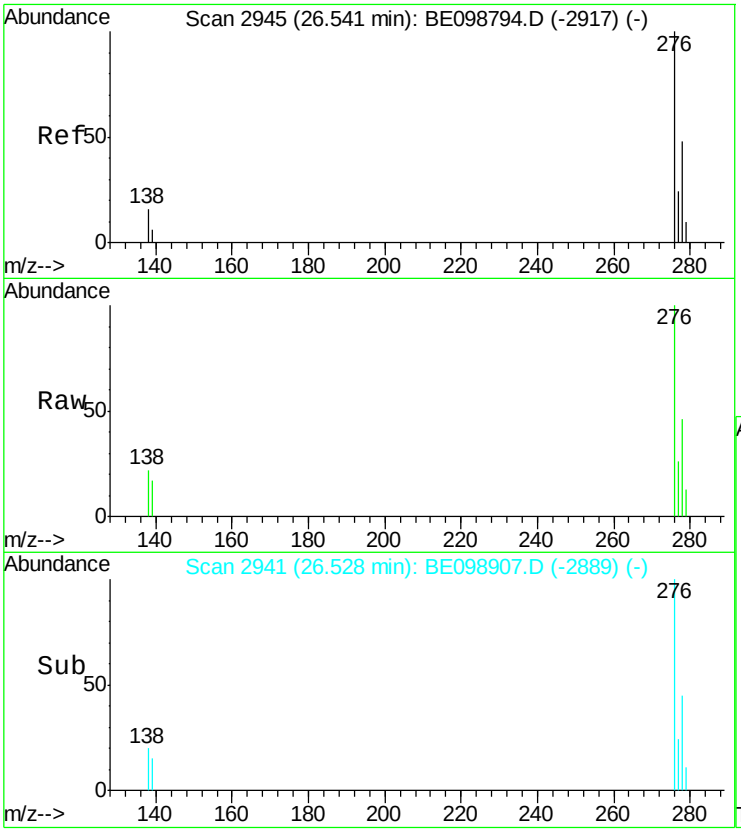


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.281 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:149 Resp: 14092

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.1	1.0	1.4



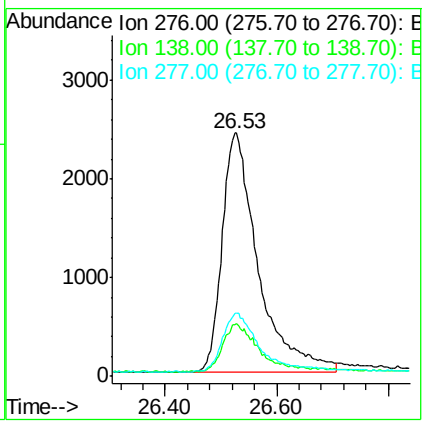


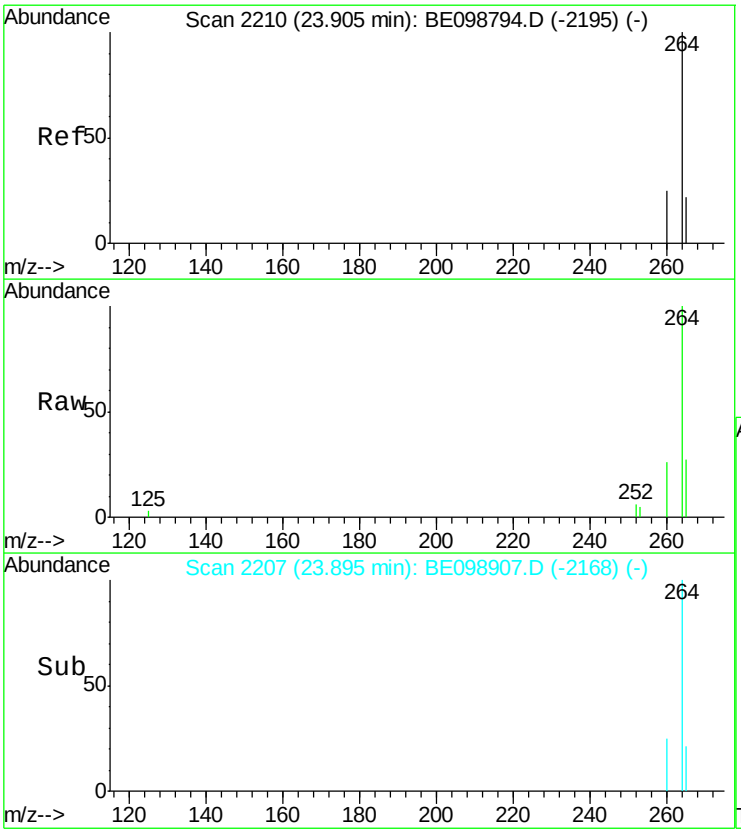
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10813

Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.8	20.8
277	23.6	19.5	29.3

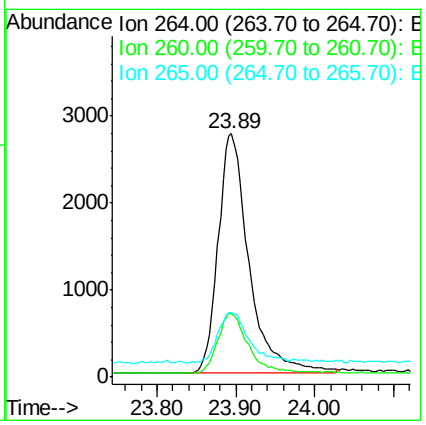


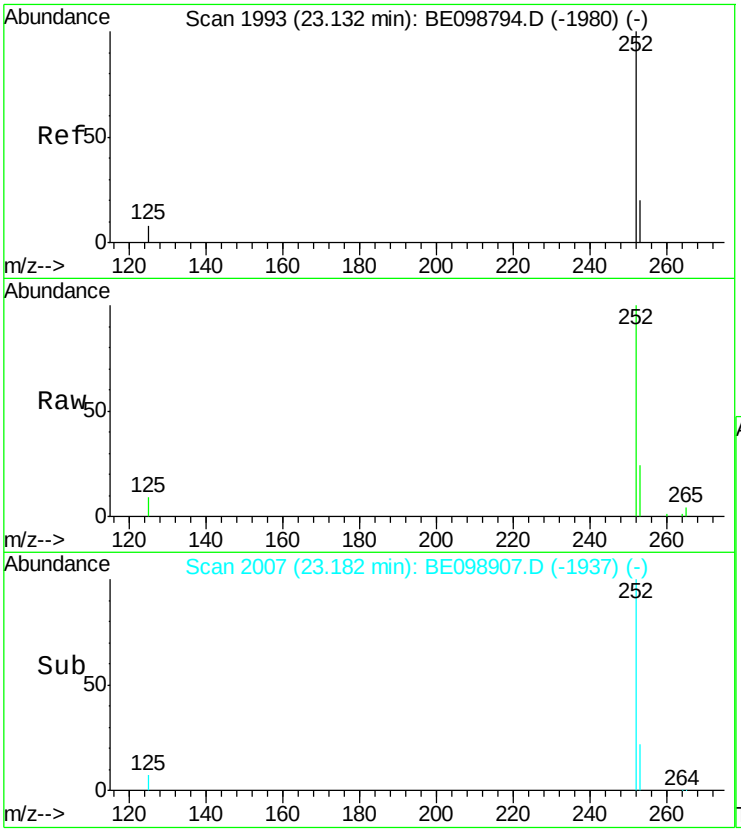


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:264 Resp: 7469

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	26.7	24.6	36.8



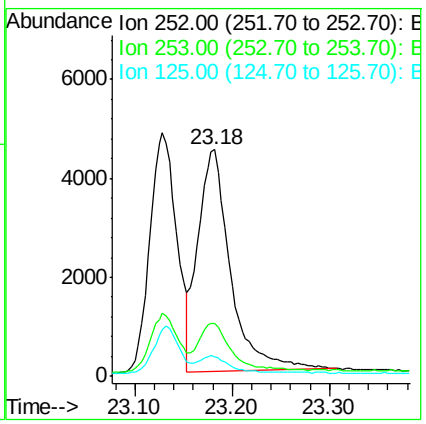


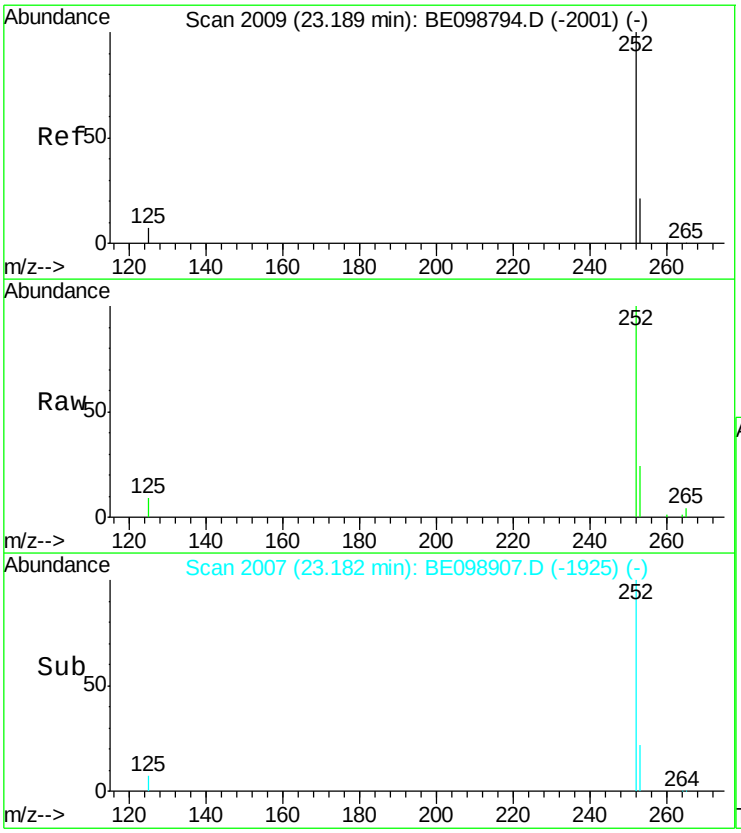
#35
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10372

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	8.6	7.3	10.9

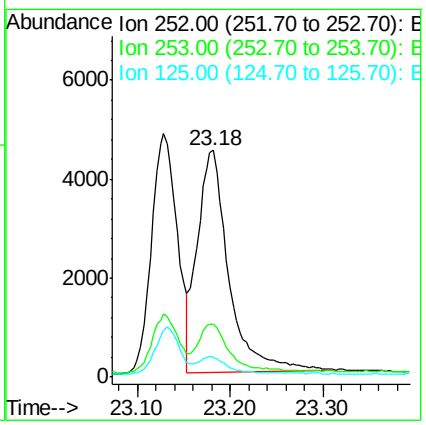


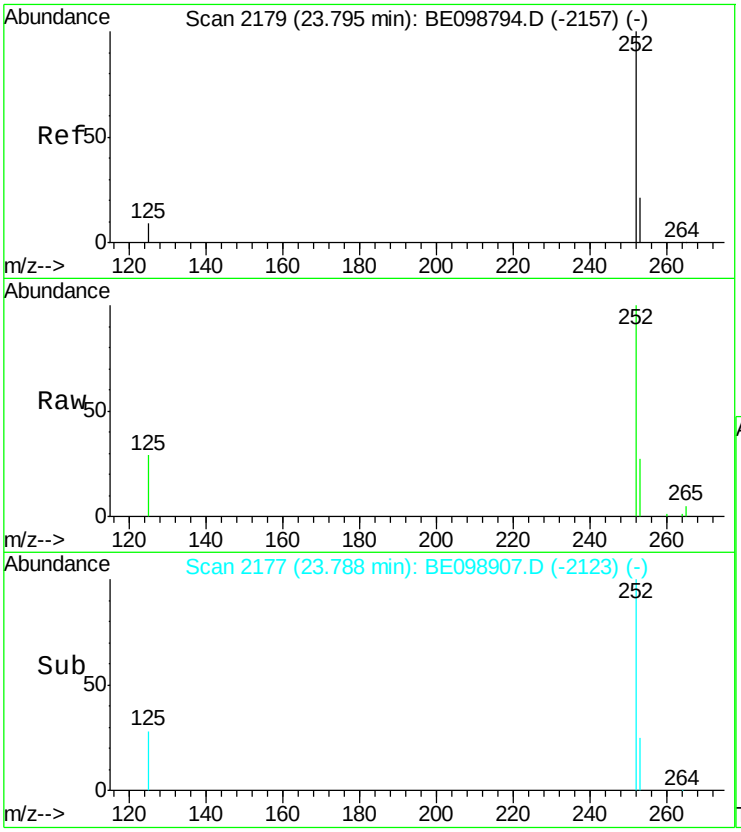


#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:252 Resp: 10484

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	8.6	7.5	11.3



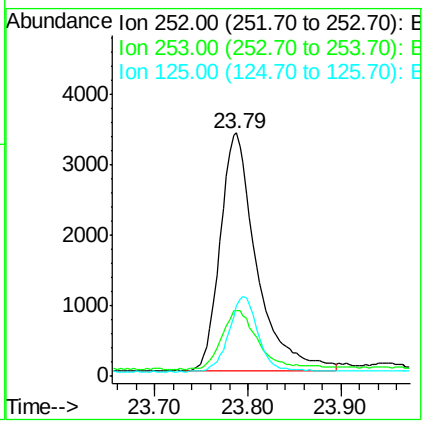


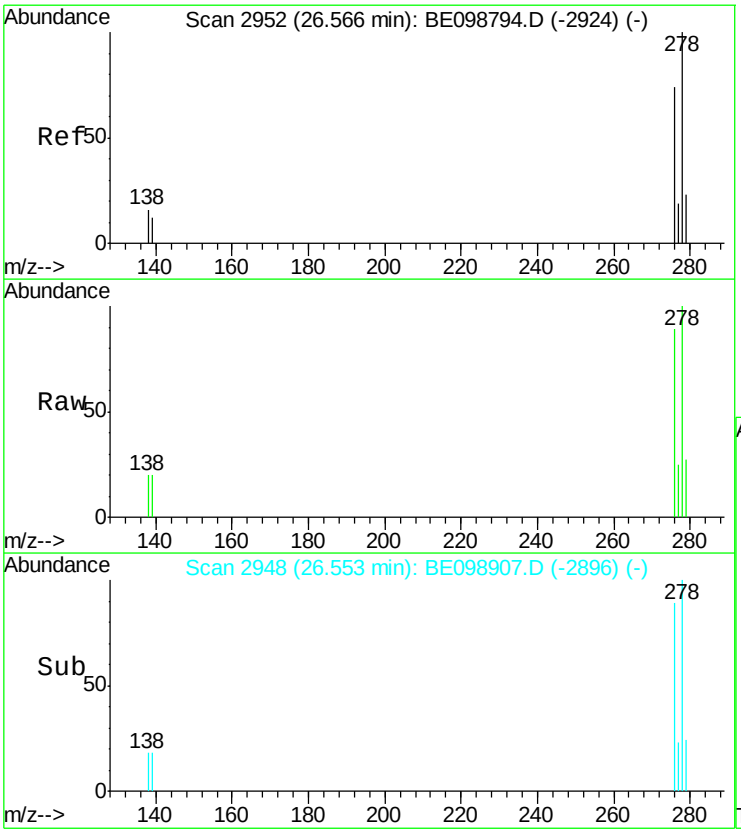
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9169

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.9	29.9
125	29.0	9.0	13.4#

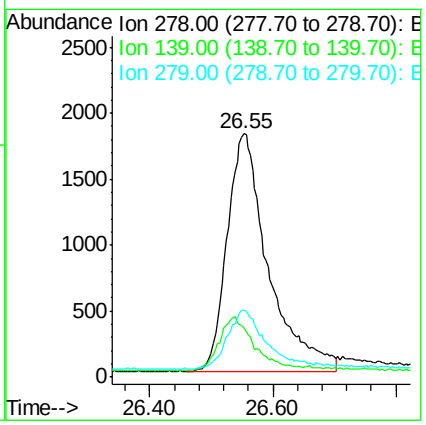


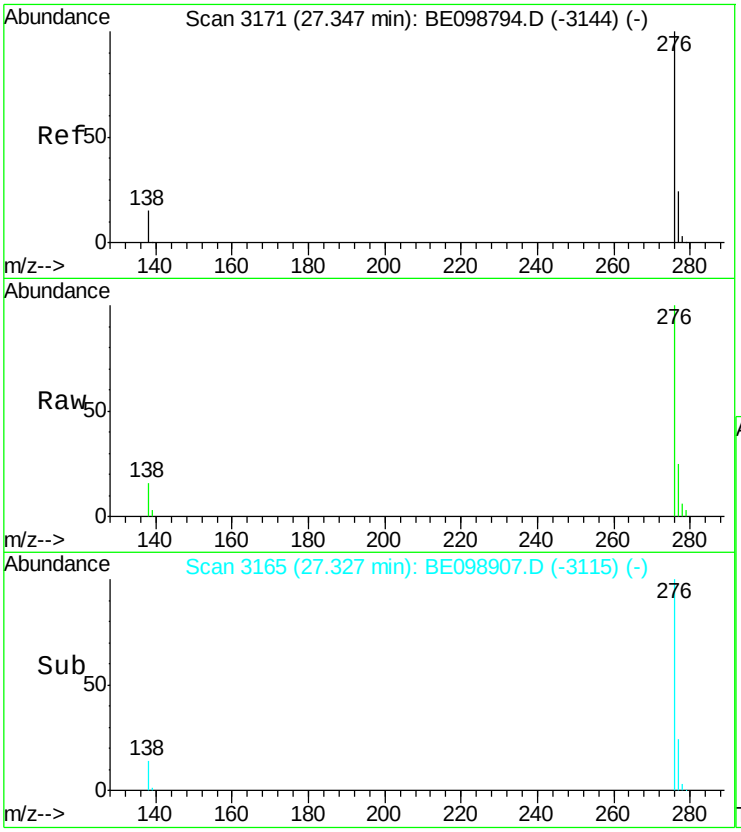


#38
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion:278 Resp: 8353

Ion	Ratio	Lower	Upper
278	100		
139	19.9	11.8	17.6#
279	27.4	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9084

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	16.4	13.6	20.4