Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
Data File : BE098827.D
Acq On : 7 Mar 2019 19:15
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 08 03:36:09 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	1054	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4580	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2987	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	7770	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	9743	0.40	ng		-0.01
34) Perylene-d12	23.90	264	9549	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1130	0.36	ng		0.00
5) Phenol-d6	6.98	99	1745	0.39	ng		-0.01
8) Nitrobenzene-d5	8.95	82	1761	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.19	152	3311	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	586	0.39	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	4904	0.40	ng		-0.01
25) Fluoranthene-d10	19.24	212	45824	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	9398	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	669	0.308	ng		96
3) n-Nitrosodimethylamine	3.62	42	869	0.328	ng	#	98
6) bis(2-Chloroethyl)ether	7.22	93	1420	0.413	ng		90
9) Naphthalene	10.63	128	20582	0.392	ng		100
10) Hexachlorobutadiene	10.91	225	1333	0.384	ng		98
12) 2-Methylnaphthalene	12.27	142	3357	0.395	ng		98
16) Acenaphthylene	14.18	152	6146	0.400	ng		98
17) Acenaphthene	14.51	154	3616	0.397	ng		98
18) Fluorene	15.50	166	5052	0.384	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	1643	0.390	ng		90
21) Hexachlorobenzene	16.52	284	2025	0.404	ng		95
22) Pentachlorophenol	16.88	266	369	0.481	ng		87
23) Phenanthrene	17.24	178	8784	0.398	ng		99
24) Anthracene	17.35	178	7076	0.375	ng		100
26) Fluoranthene	19.27	202	11527	0.370	ng		99
28) Pyrene	19.63	202	11932	0.400	ng		99
30) Benzo(a)anthracene	21.38	228	11647	0.383	ng		99
31) Chrysene	21.44	228	12863	0.395	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	27685	0.428	ng		99
33) Indeno(1,2,3-cd)pyrene	26.53	276	13923	0.405	ng		97
35) Benzo(b)fluoranthene	23.18	252	12960	0.413	ng		99
36) Benzo(k)fluoranthene	23.18	252	13220	0.402	ng		98
37) Benzo(a)pyrene	23.79	252	11905	0.395	ng	#	96
38) Dibenzo(a,h)anthracene	26.55	278	11233	0.394	ng	#	93
39) Benzo(g,h,i)perylene	27.34	276	11440	0.384	ng		99

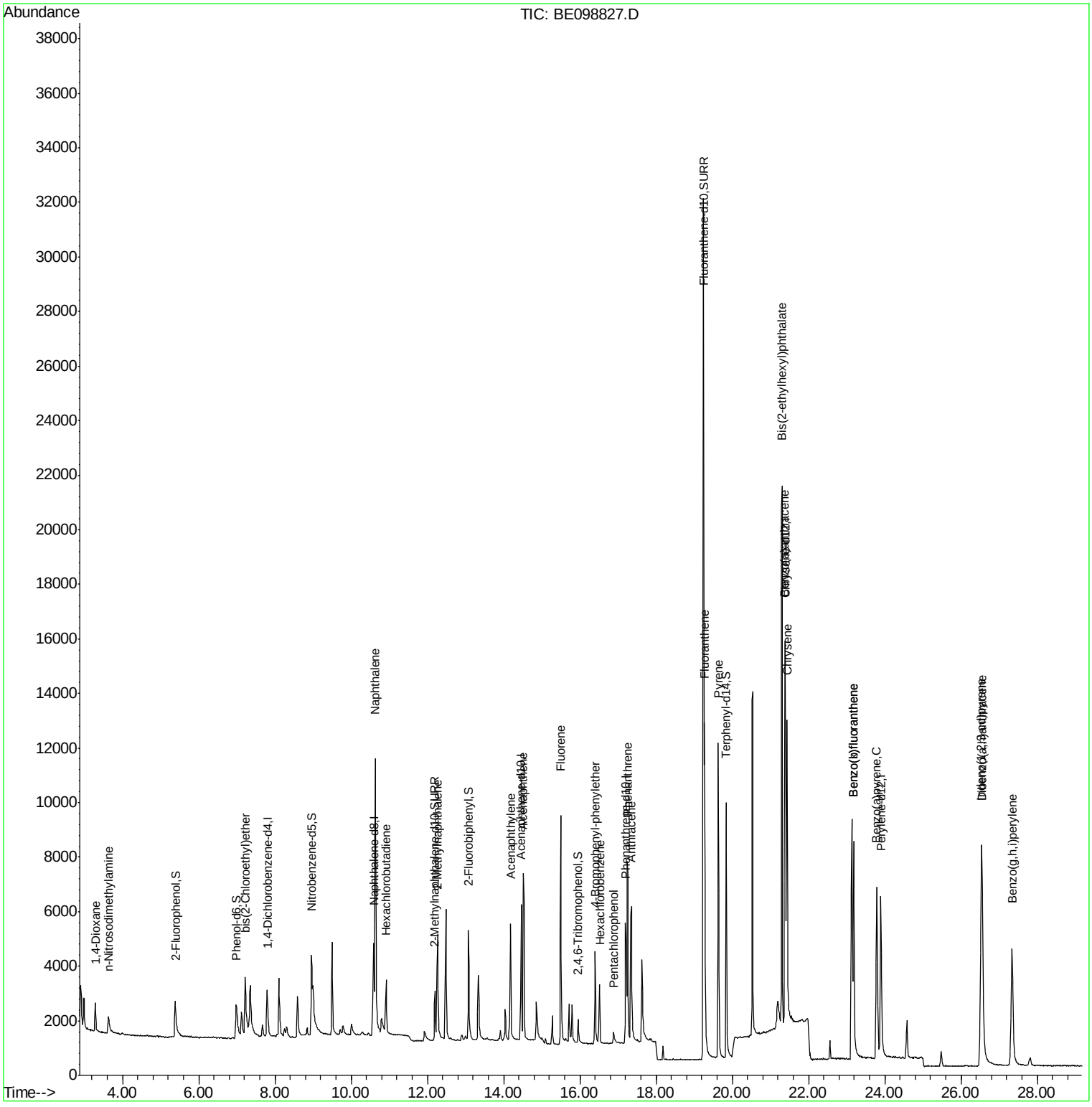
(#) = qualifier out of range (m) = manual integration (+) = signals summed

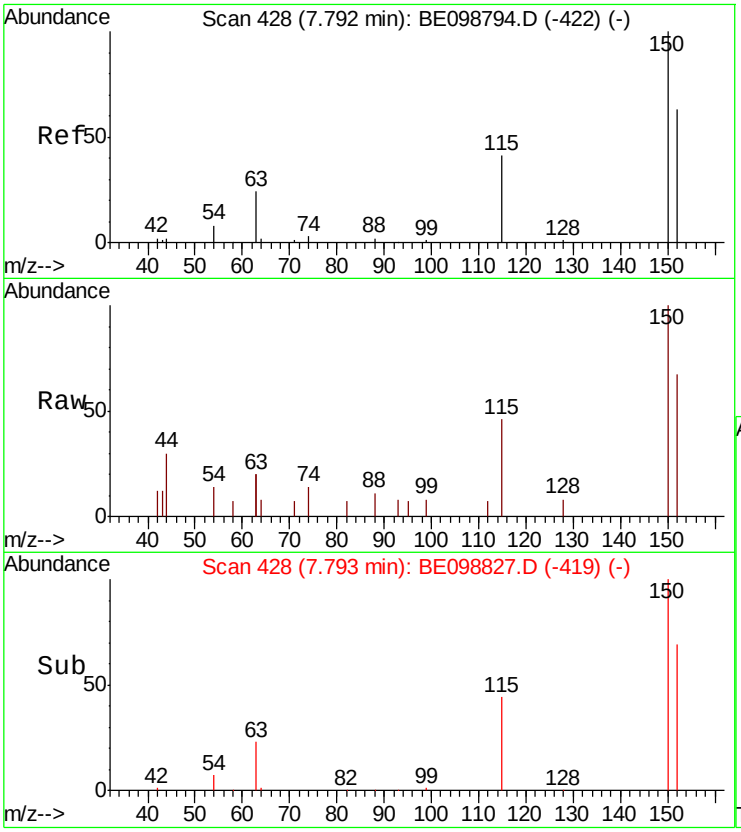
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
Data File : BE098827.D
Acq On : 7 Mar 2019 19:15
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 08 03:36:09 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



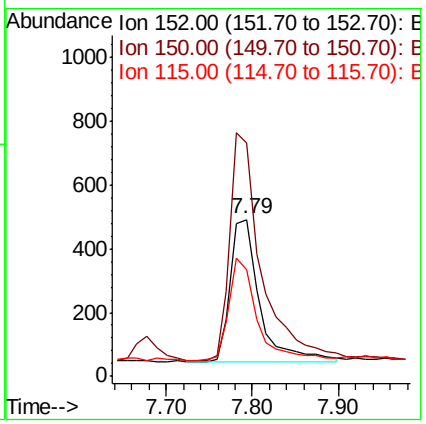


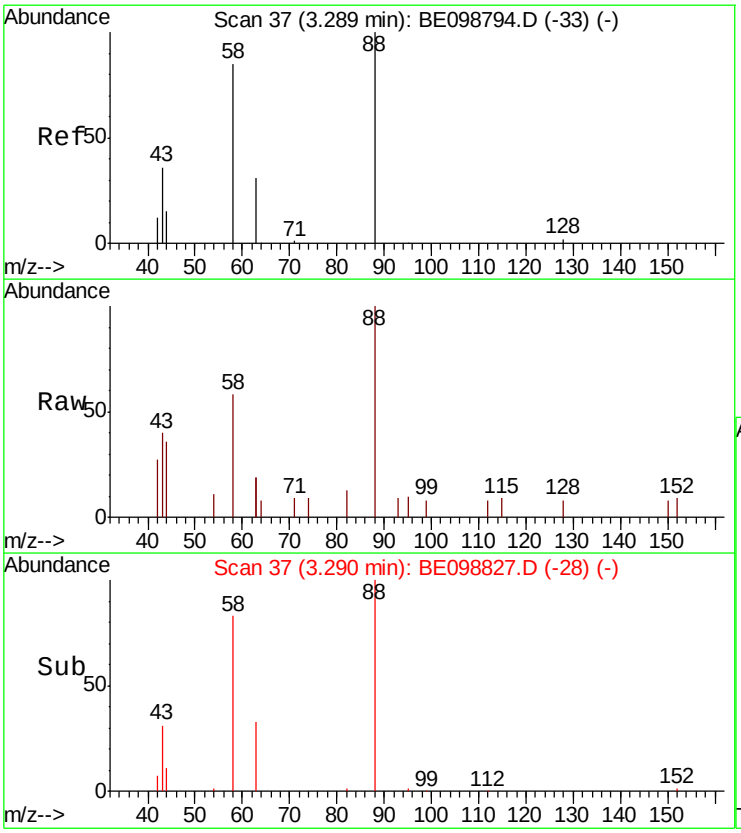
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1054

Ion	Ratio	Lower	Upper
152	100		
150	148.3	122.5	183.7
115	68.2	57.4	86.2

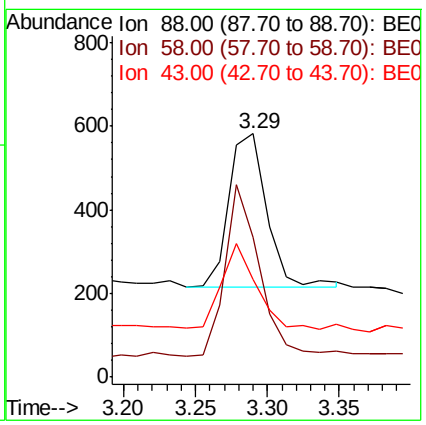


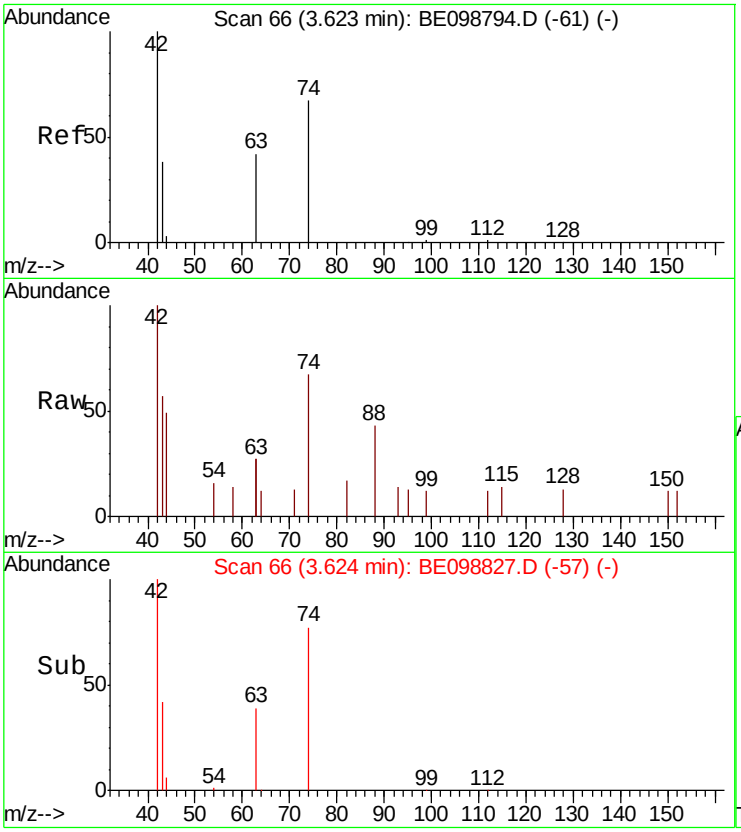


#2
1,4-Dioxane
Concen: 0.308 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion: 88 Resp: 669

Ion	Ratio	Lower	Upper
88	100		
58	100.6	75.8	113.6
43	51.4	41.8	62.8



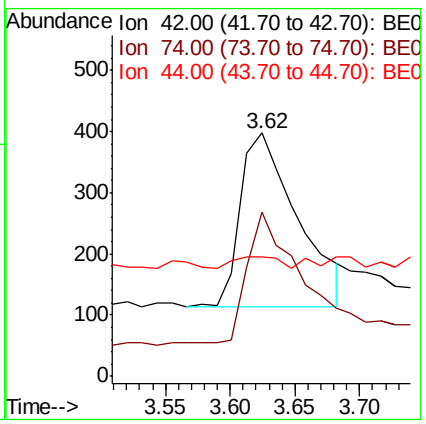


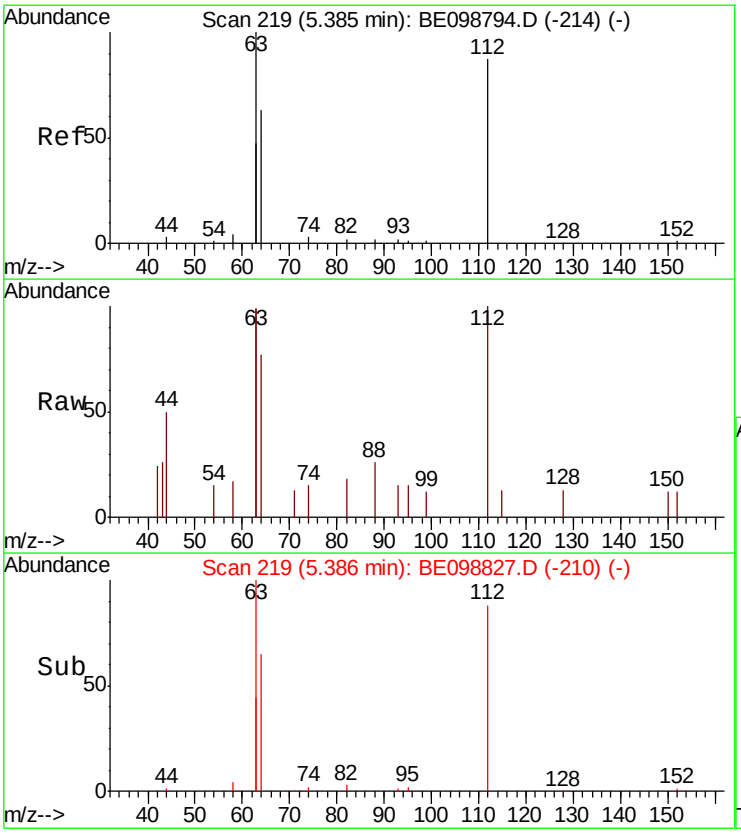
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 869

Ion	Ratio	Lower	Upper
42	100		
74	73.1	57.0	85.4
44	5.4	0.0	0.0#

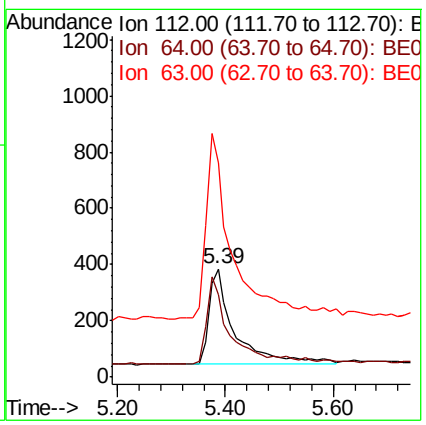


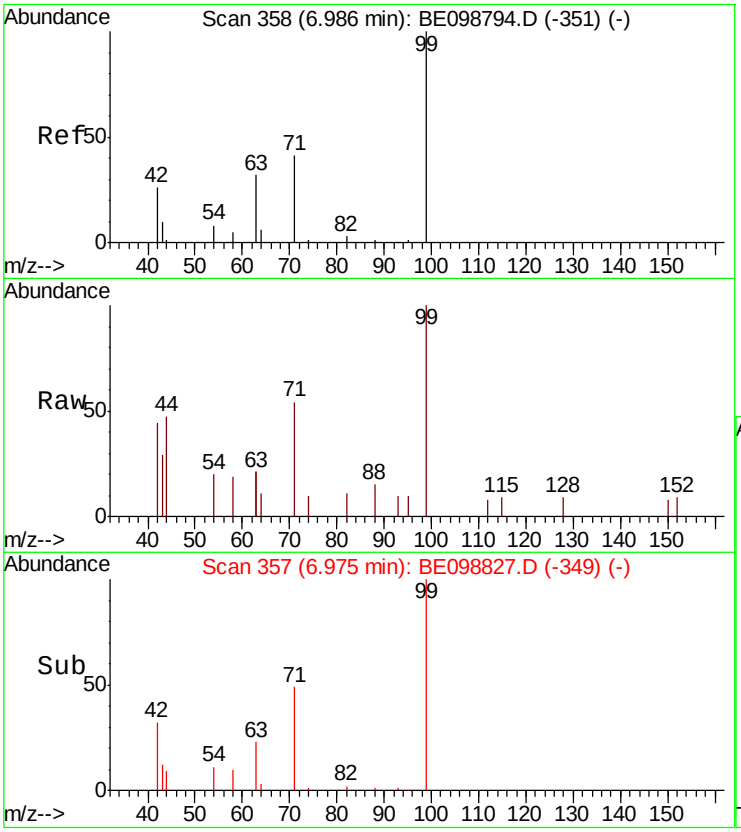


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:112 Resp: 1130

Ion	Ratio	Lower	Upper
112	100		
64	74.9	57.9	86.9
63	191.8	158.3	237.5



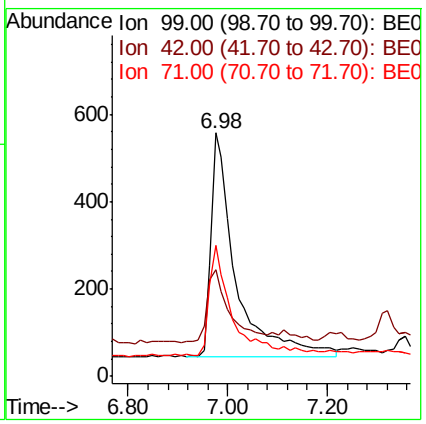


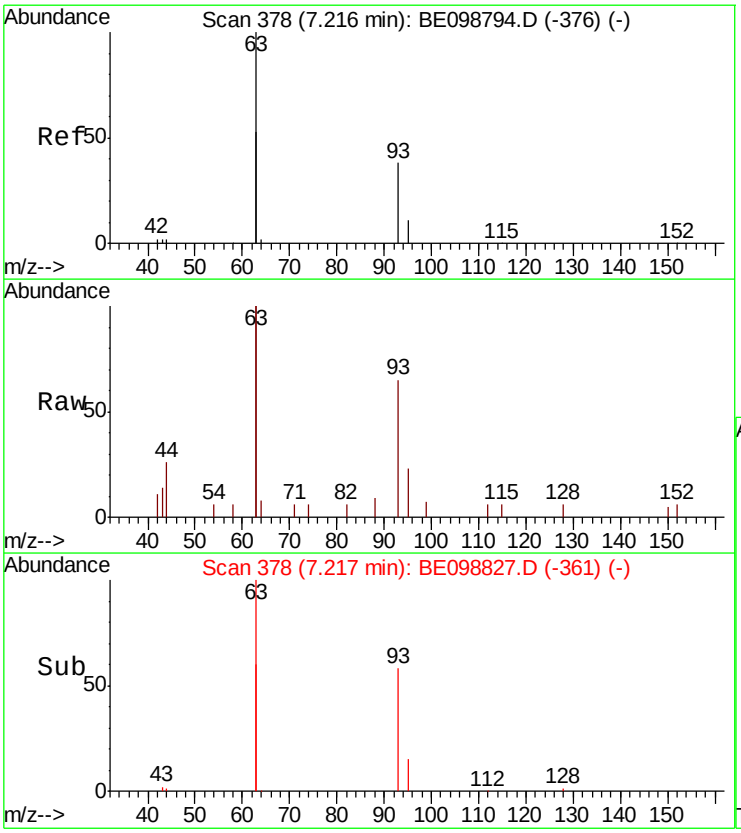
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1745

Ion	Ratio	Lower	Upper
99	100		
42	31.1	24.2	36.2
71	43.2	35.7	53.5

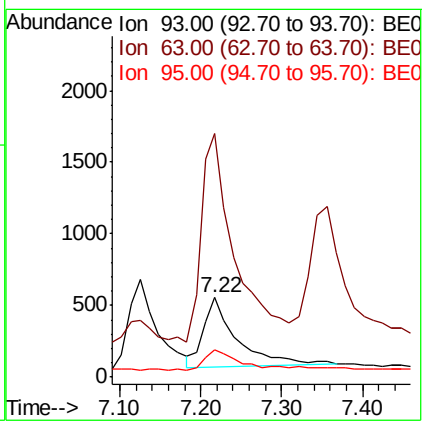


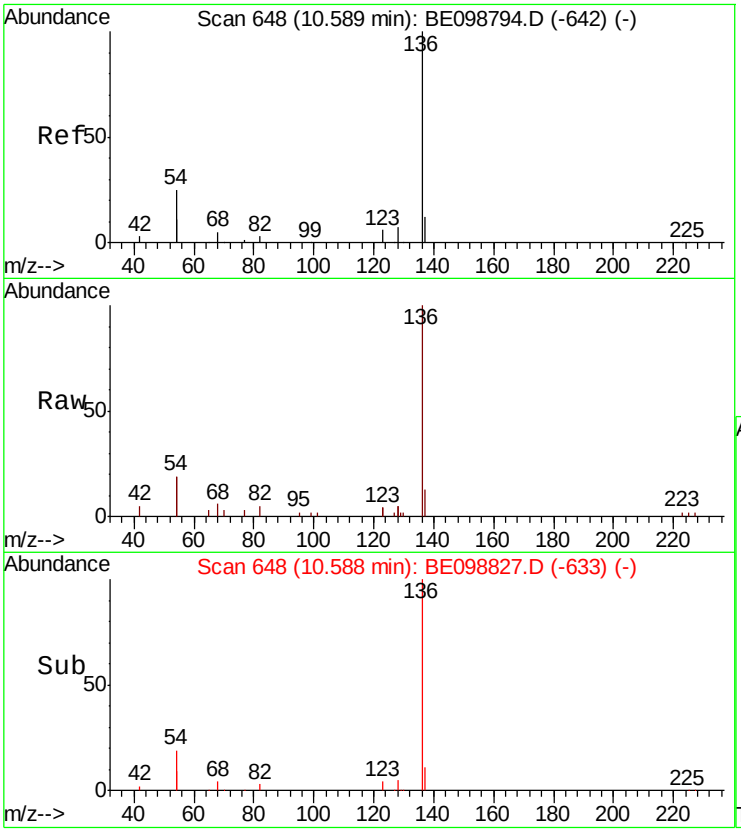


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion: 93 Resp: 1420

Ion	Ratio	Lower	Upper
93	100		
63	288.7	247.5	371.3
95	27.8	21.8	32.8



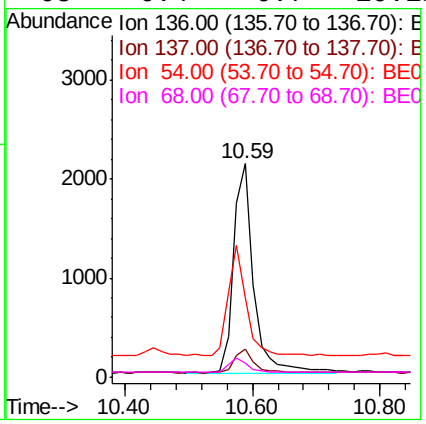


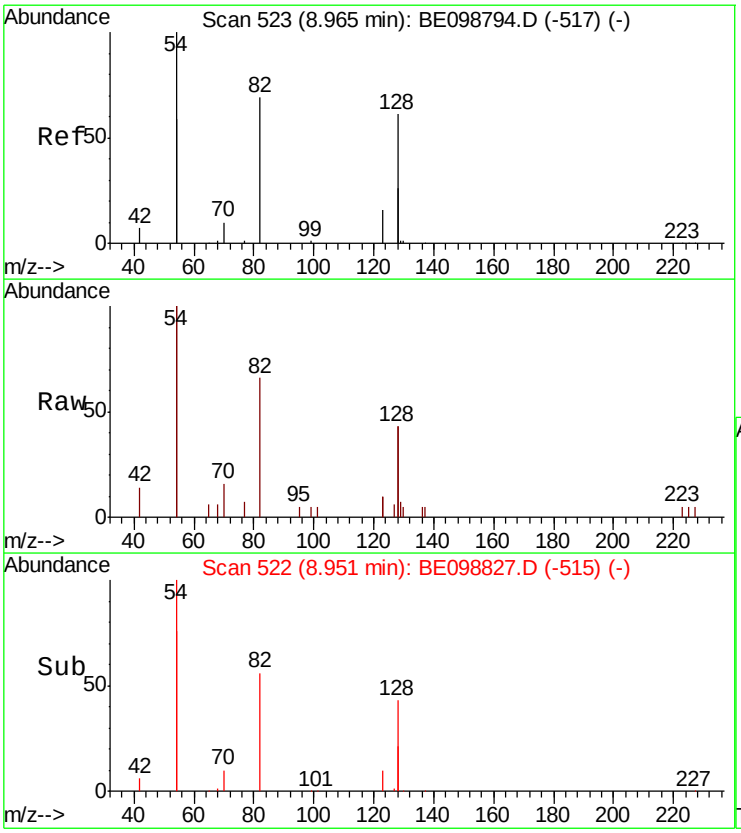
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4580

Ion	Ratio	Lower	Upper
136	100		
137	13.0	11.4	17.0
54	37.1	39.3	58.9#
68	6.4	6.7	10.1#

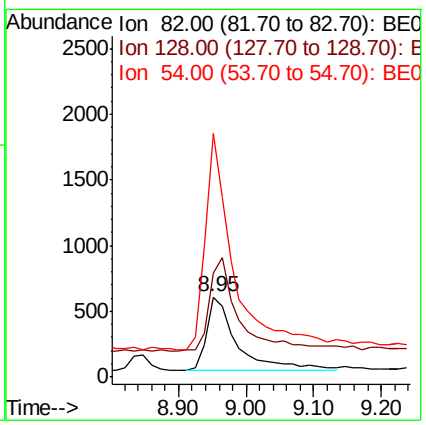


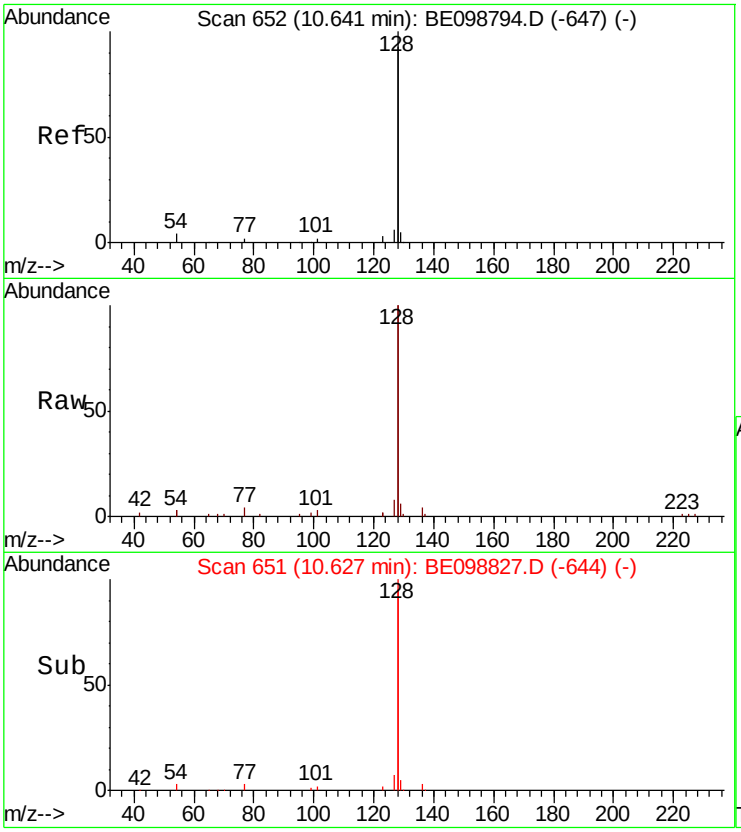


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion: 82 Resp: 1761

Ion	Ratio	Lower	Upper
82	100		
128	130.3	123.8	185.8
54	304.6	203.4	305.2



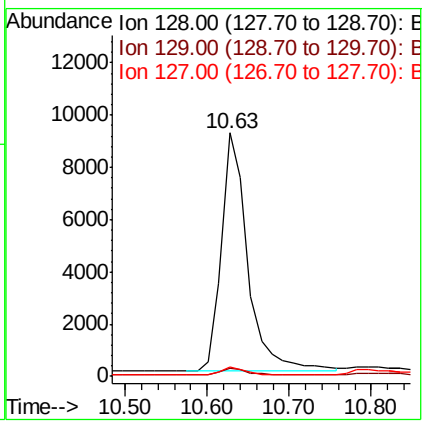


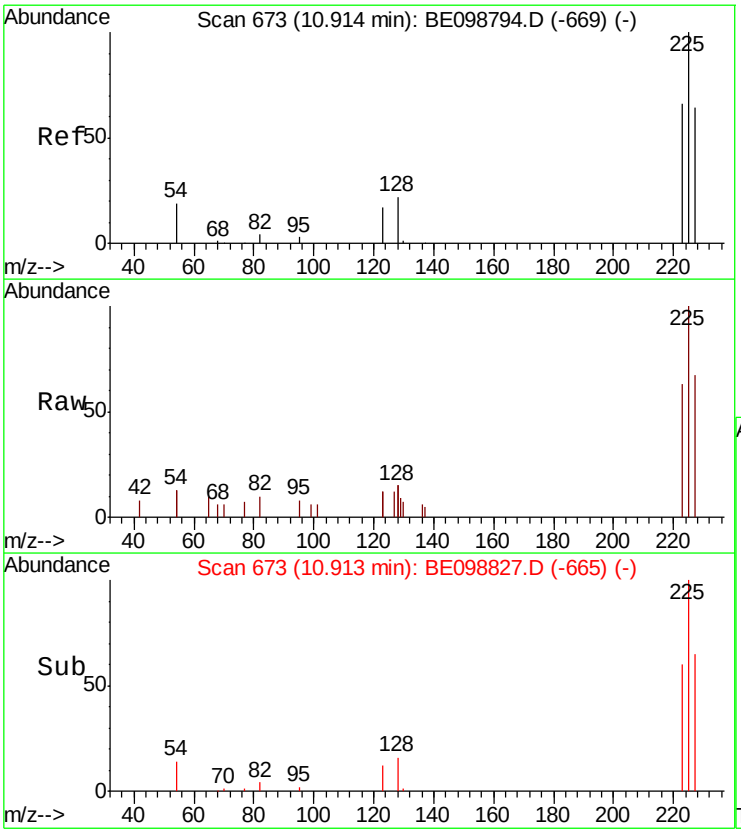
#9
Naphthalene
Concen: 0.392 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 20582

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.9	3.1	4.7

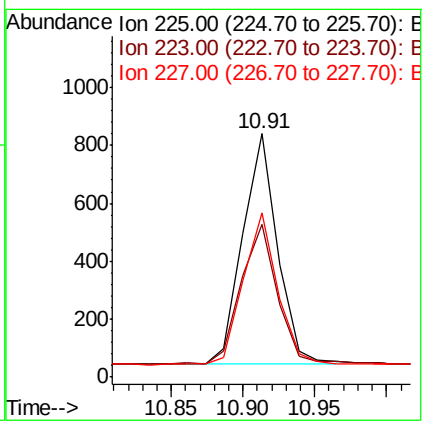


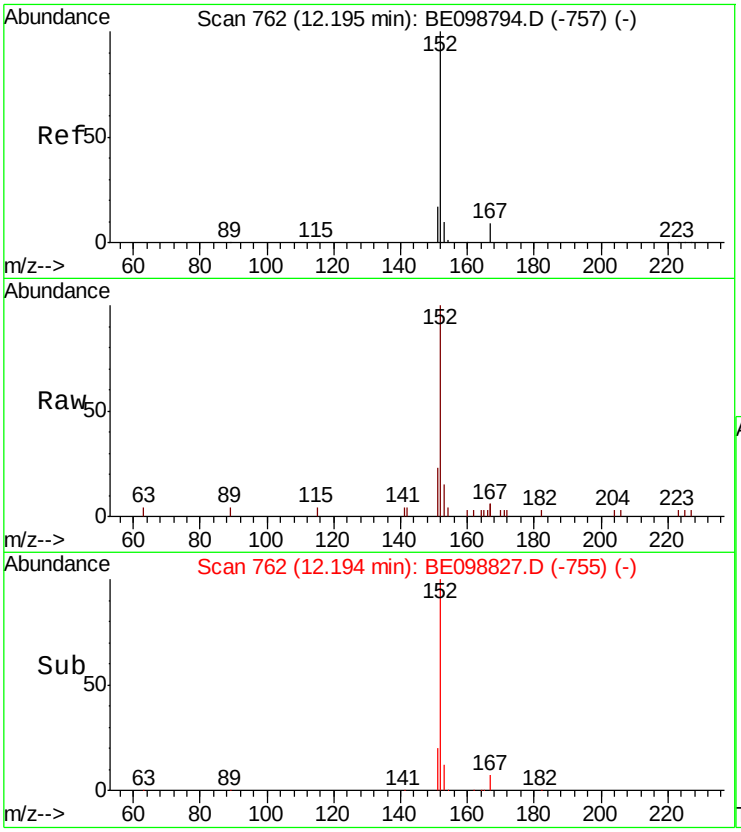


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:225 Resp: 1333

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	65.3	51.6	77.4



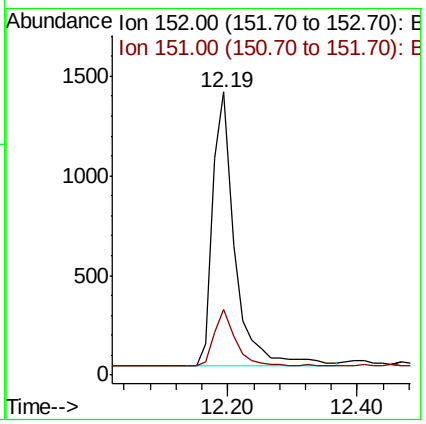


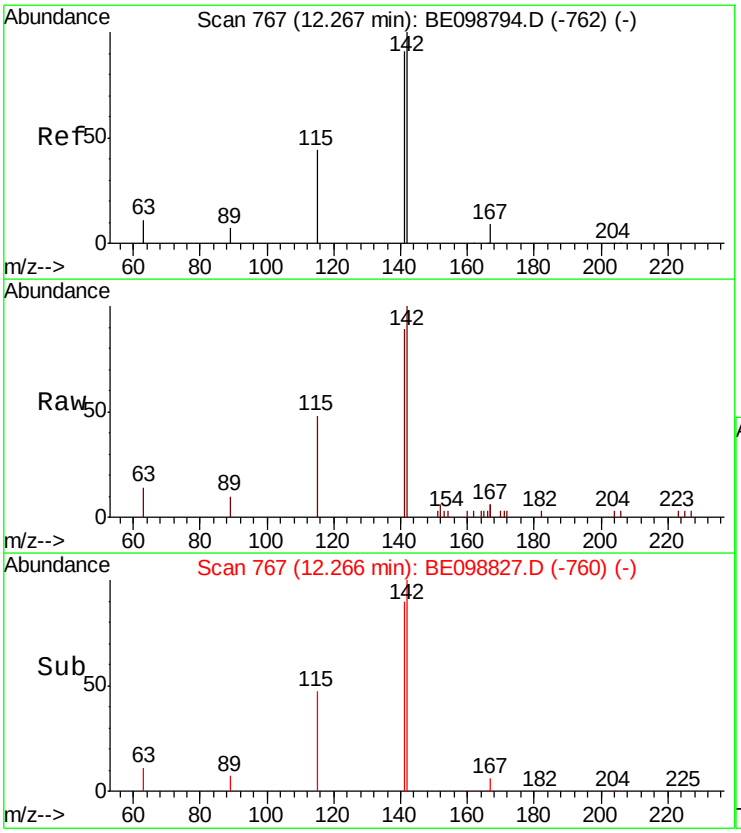
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3311

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7

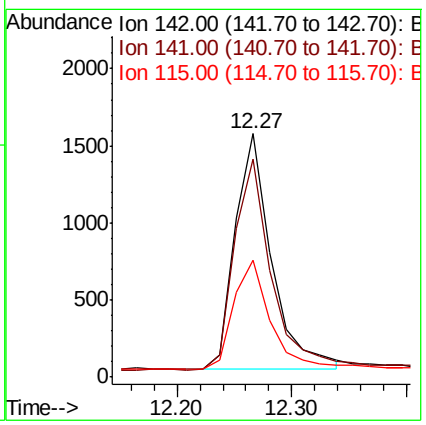


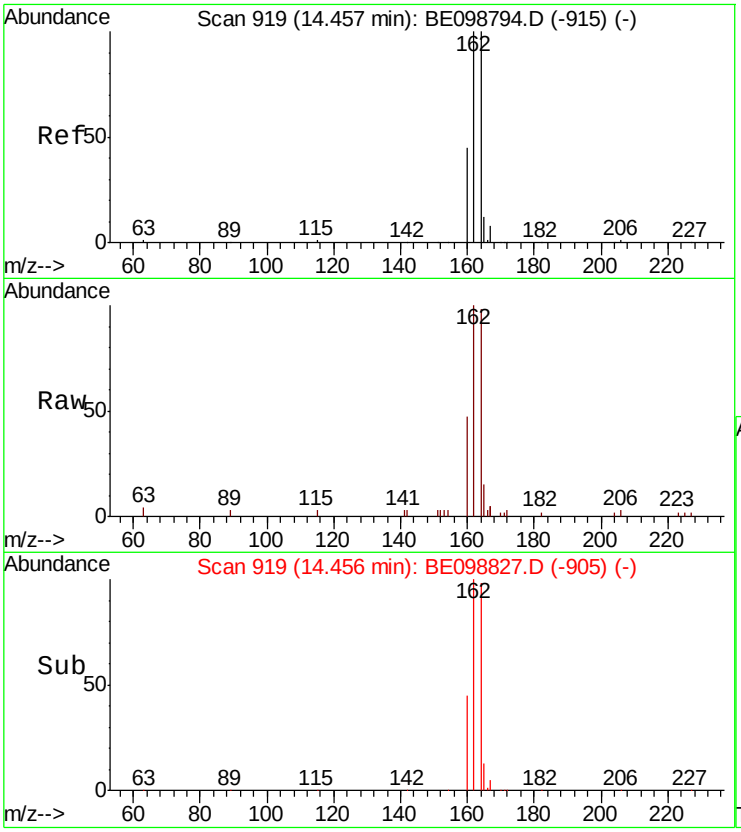


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:142 Resp: 3357

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8
115	48.1	37.4	56.2



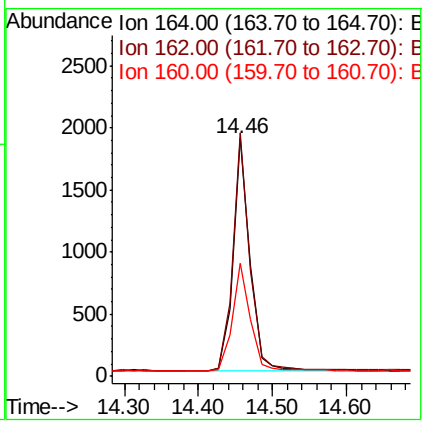


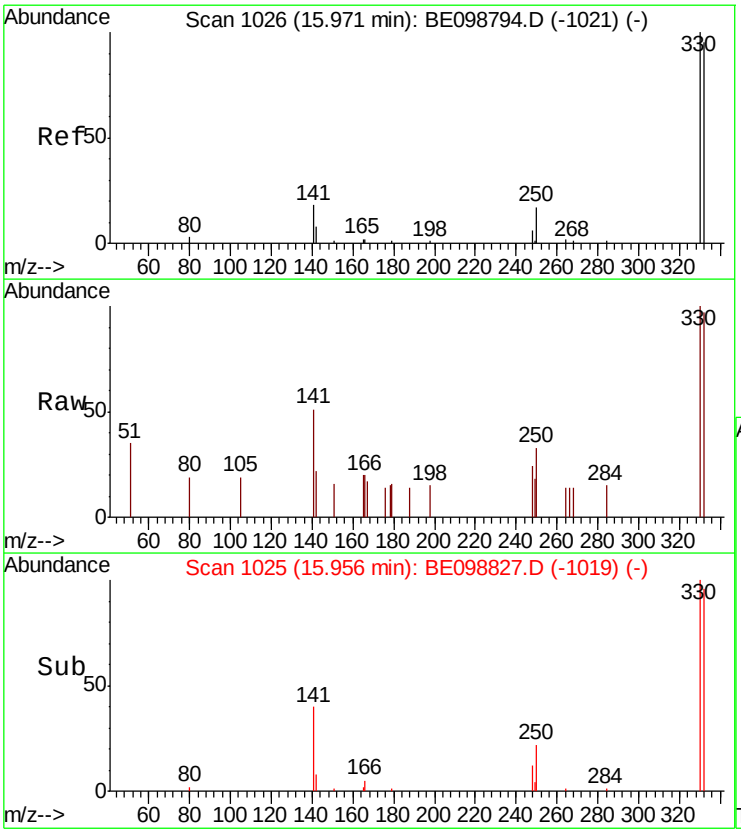
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2987

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	47.6	37.8	56.8

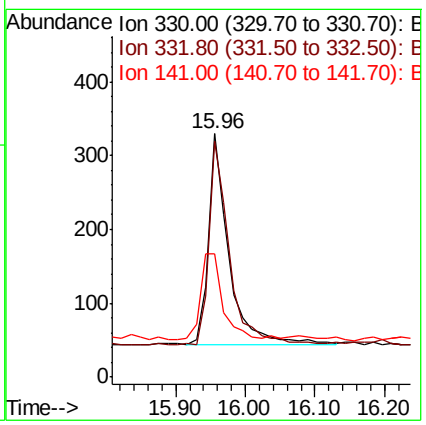


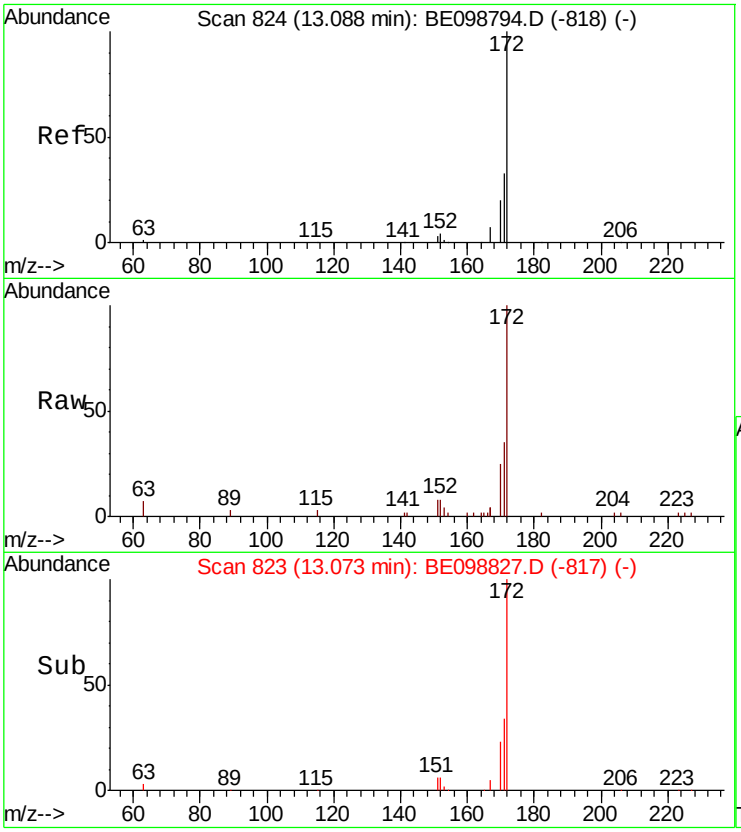


#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:330 Resp: 586

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.6	116.4
141	45.6	31.0	46.4



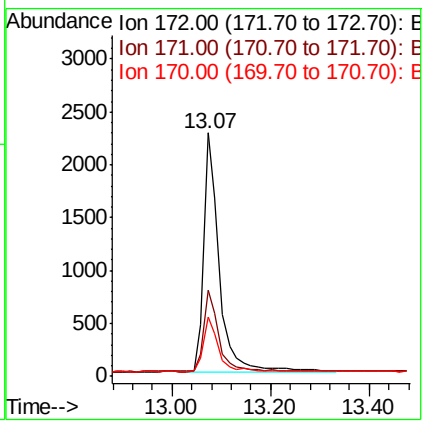


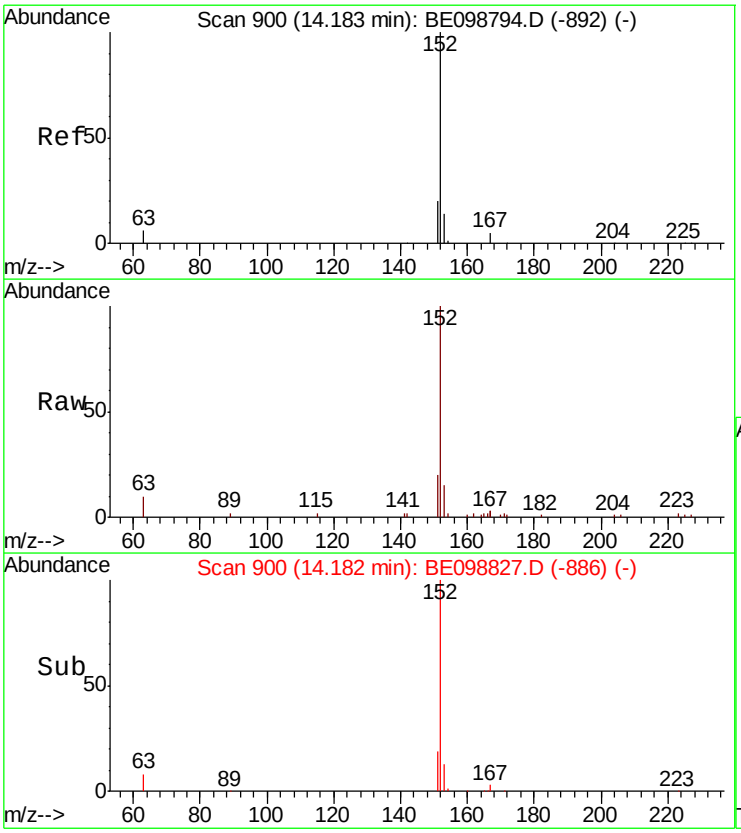
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4904

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	24.5	17.7	26.5

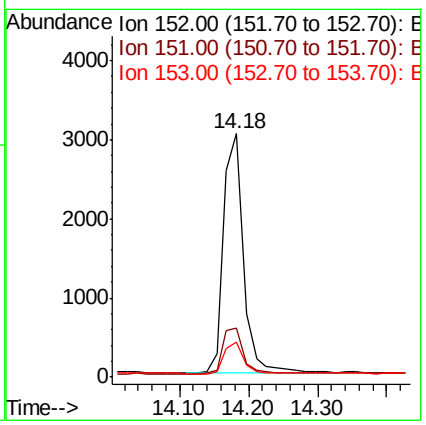


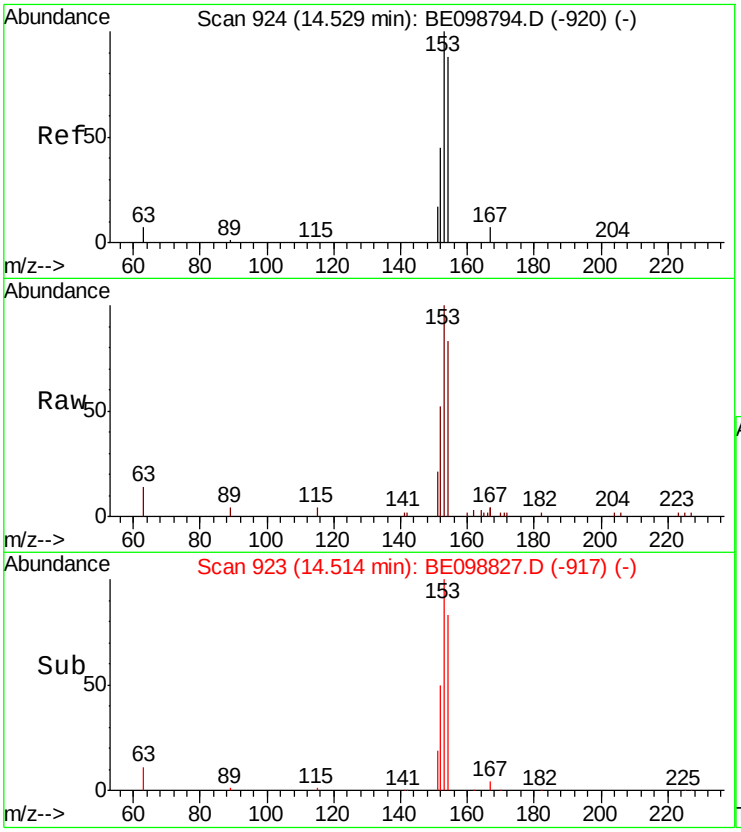


#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:152 Resp: 6146

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	13.4	11.2	16.8



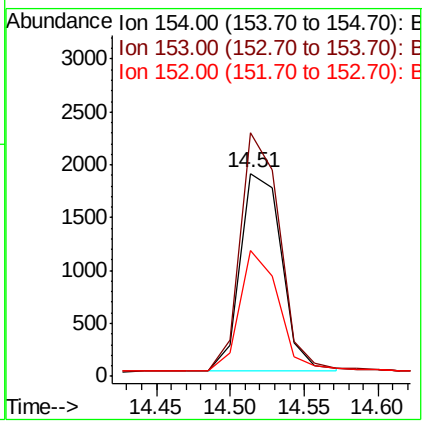


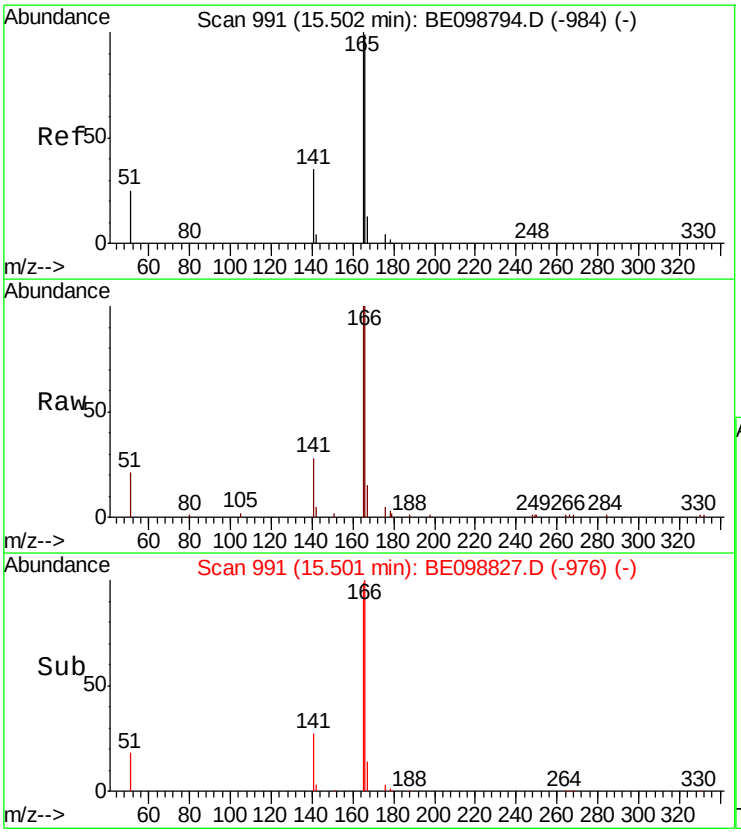
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3616

Ion	Ratio	Lower	Upper
154	100		
153	115.5	94.2	141.4
152	56.9	45.0	67.4

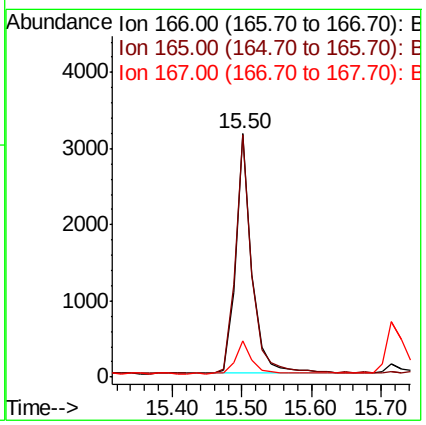


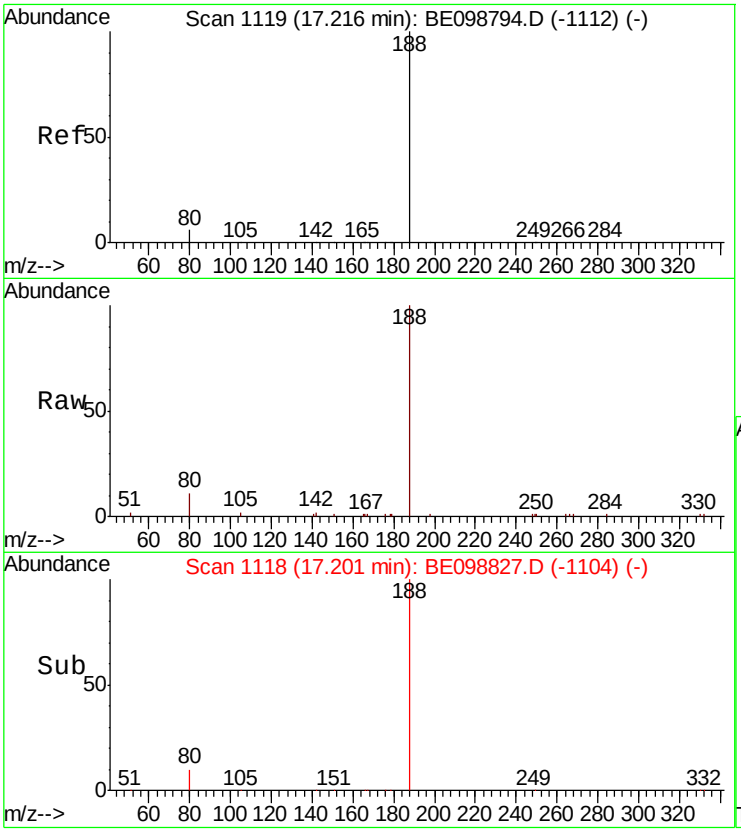


#18
Fluorene
Concen: 0.384 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:166 Resp: 5052

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.3	118.9
167	14.2	10.5	15.7



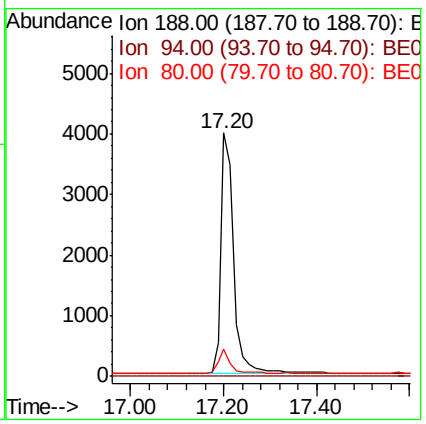


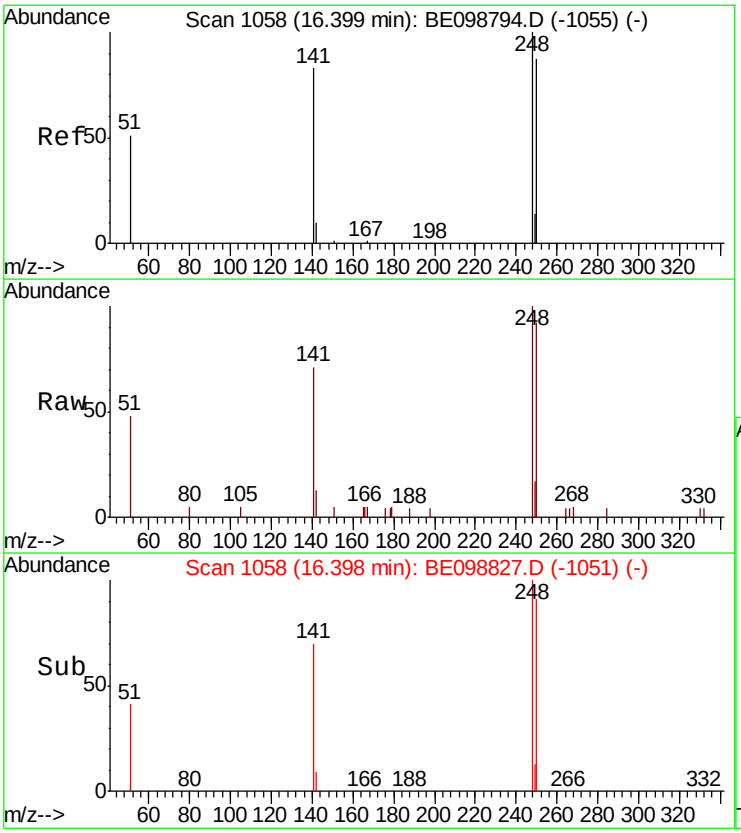
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7770

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	6.3	9.5#

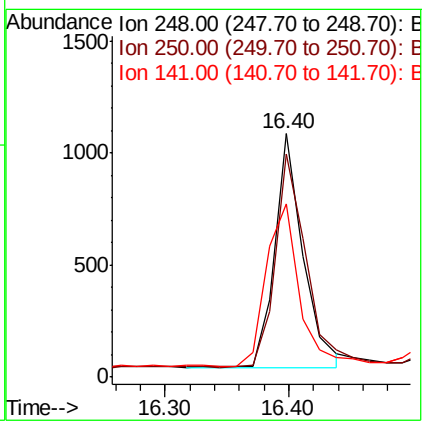


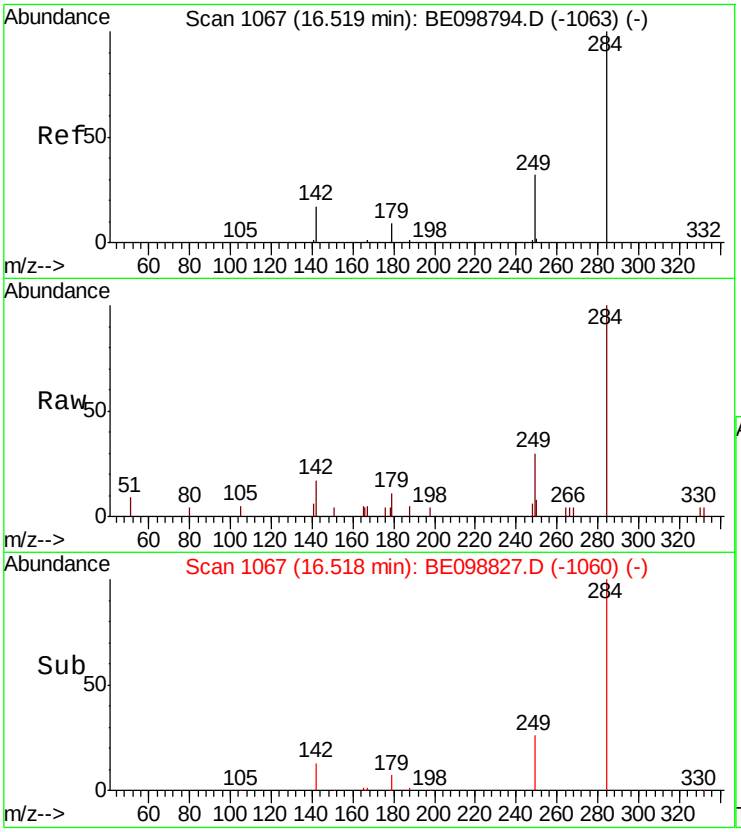


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:248 Resp: 1643

Ion	Ratio	Lower	Upper
248	100		
250	91.5	70.6	105.8
141	71.4	68.6	102.8



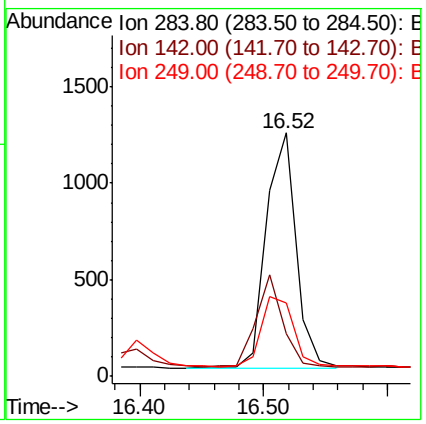


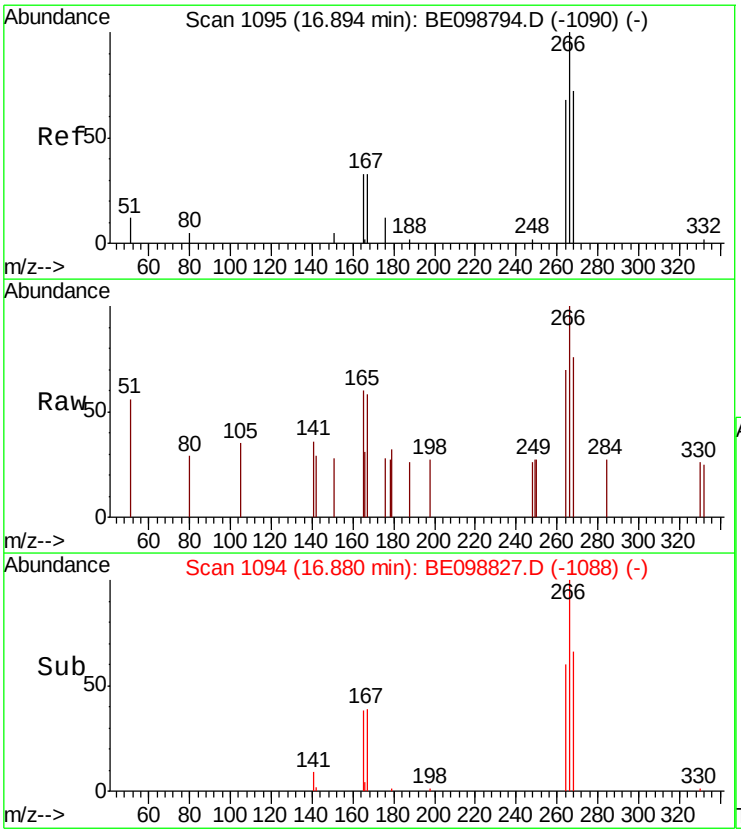
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2025

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.7	43.1
249	32.8	29.6	44.4

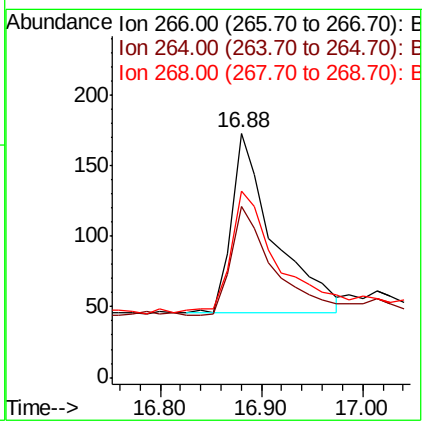


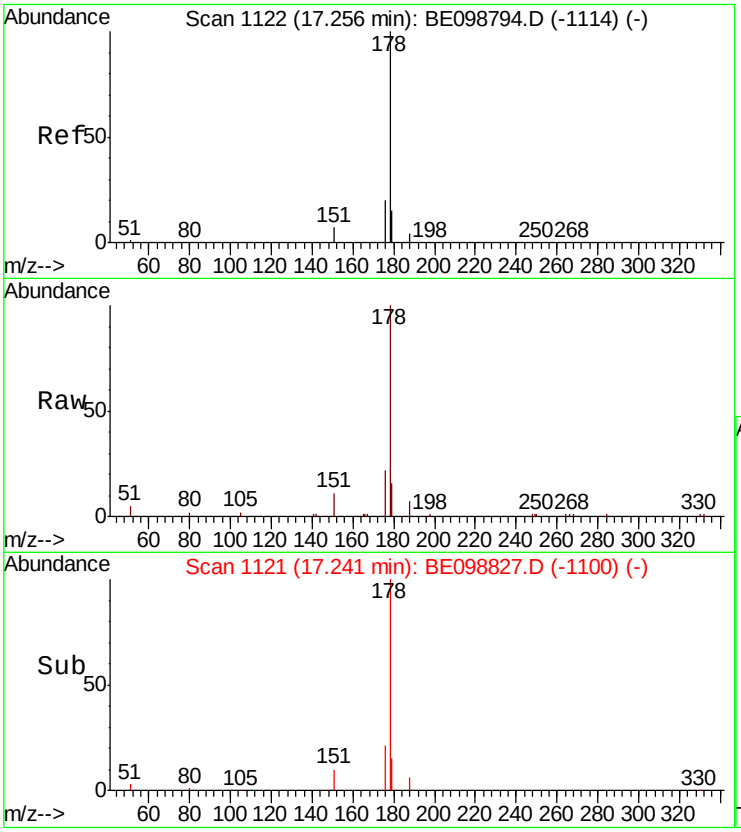


#22
Pentachlorophenol
Concen: 0.481 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	69.9	66.6	100.0
268	76.3	69.8	104.8



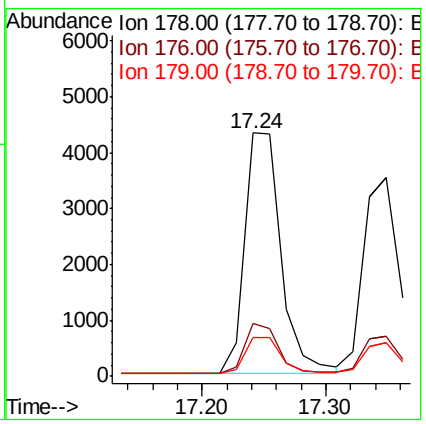


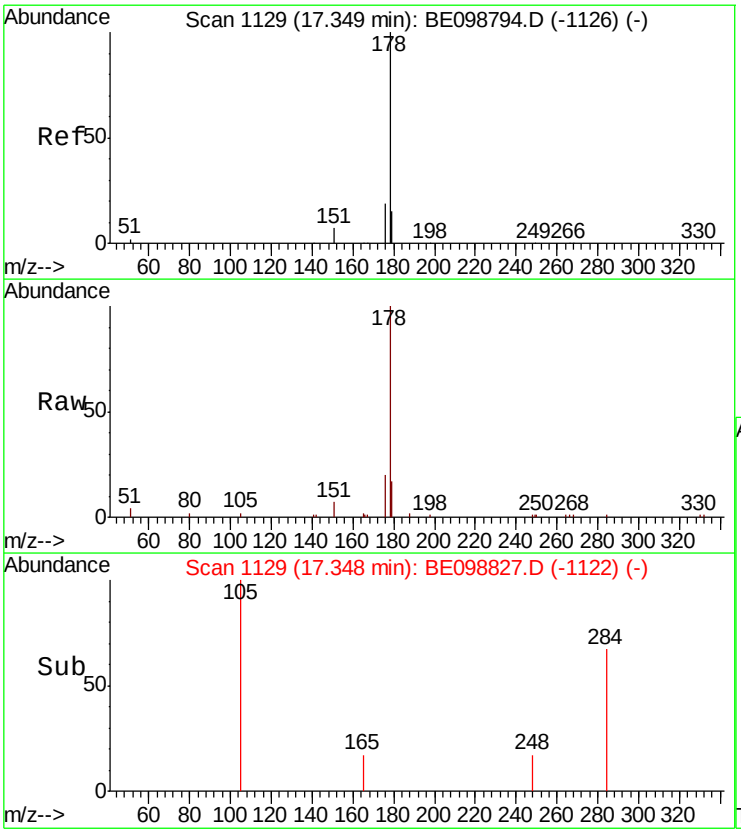
#23
Phenanthrene
Concen: 0.398 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 8784

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.2	12.1	18.1

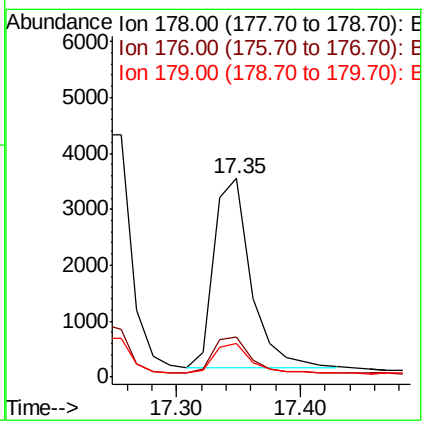


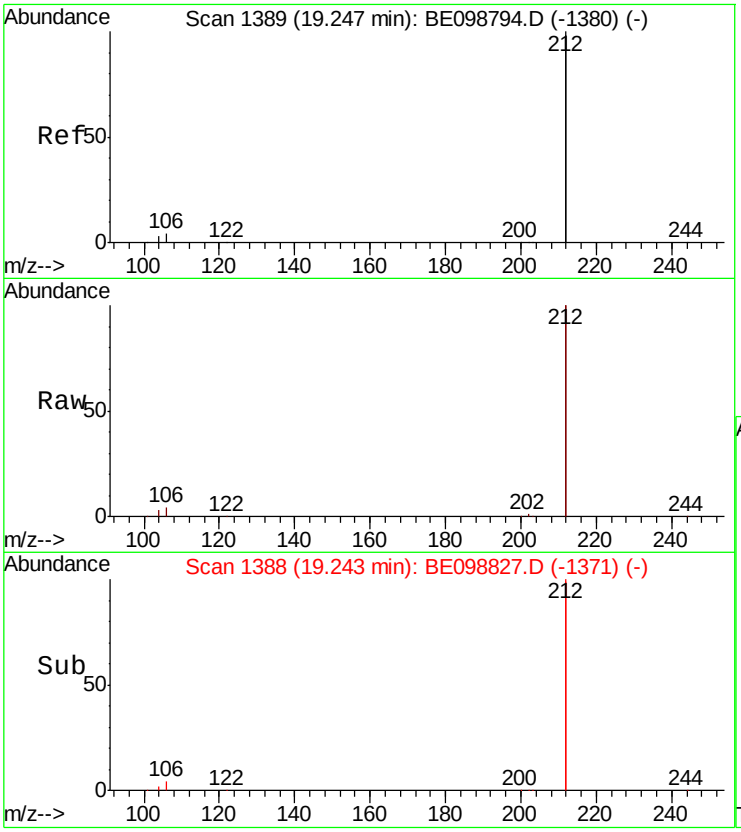


#24
Anthracene
Concen: 0.375 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:178 Resp: 7076

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.4	12.2	18.4



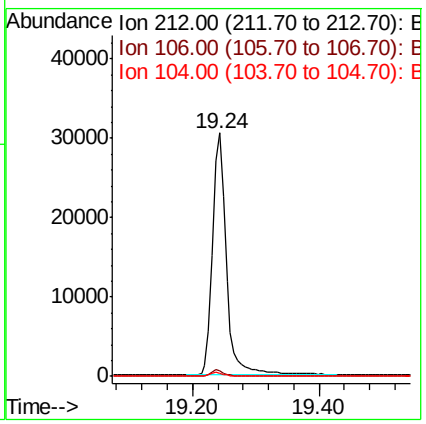


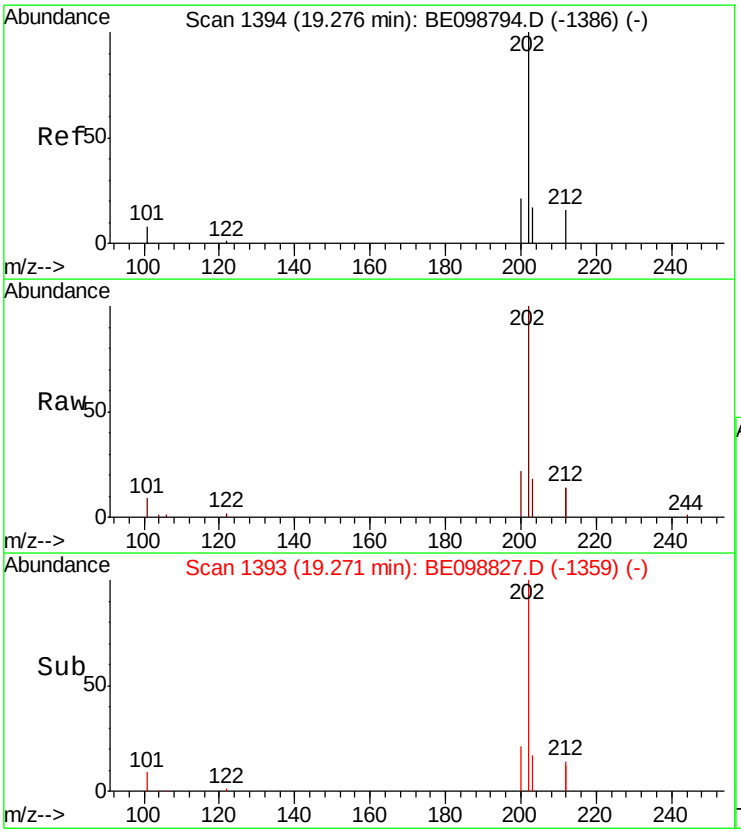
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 45824

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

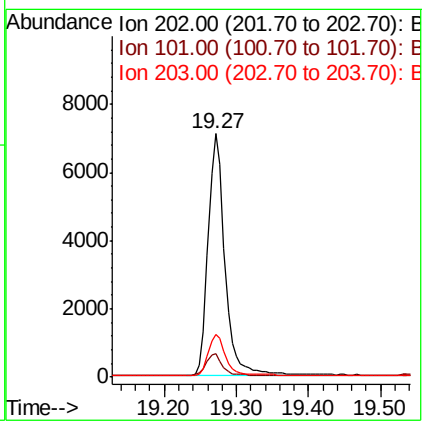


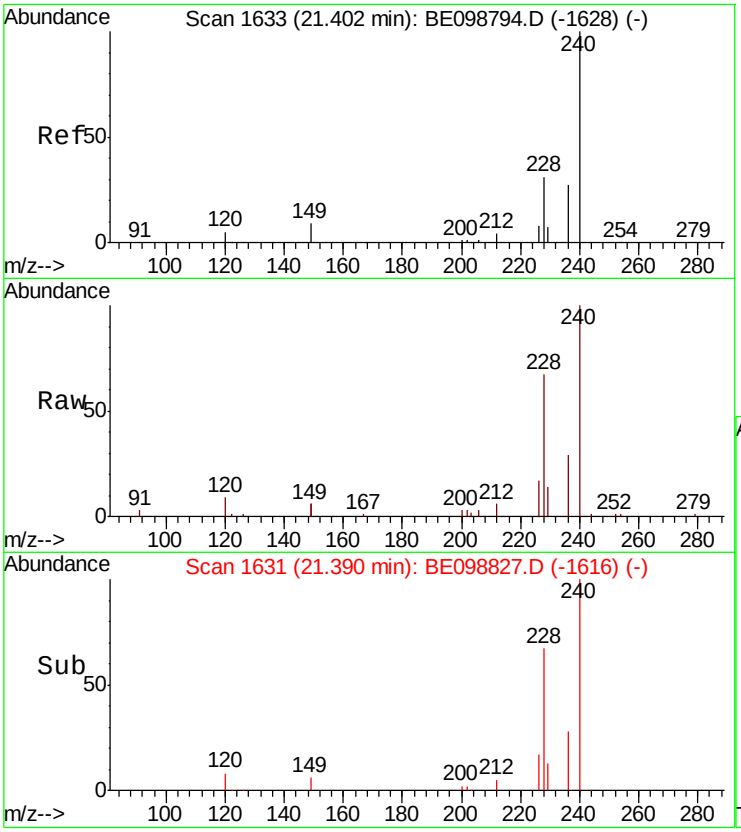


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:202 Resp: 11527

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	17.2	13.4	20.2



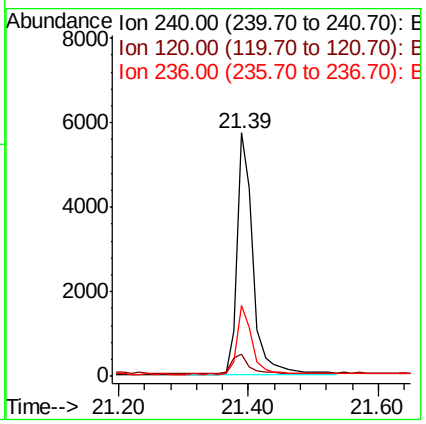


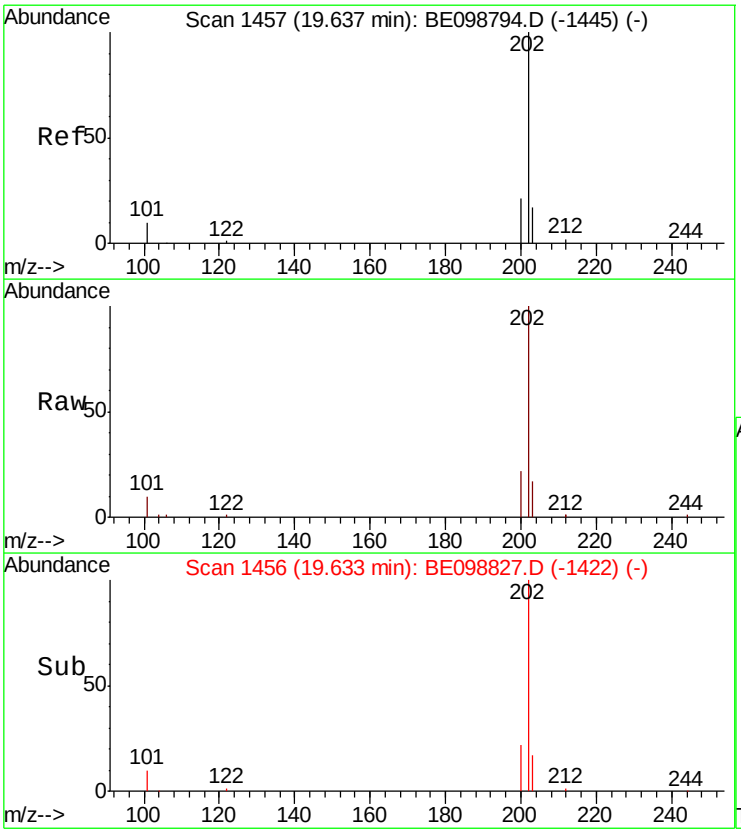
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9743

Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.0	7.4#
236	29.1	22.7	34.1

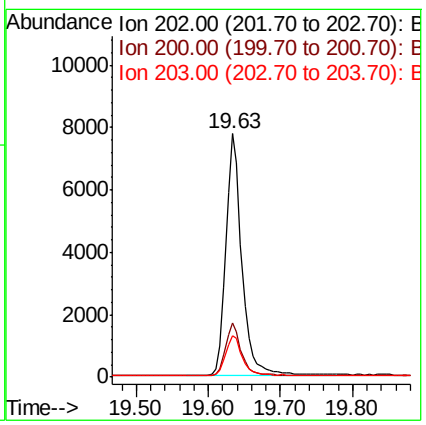


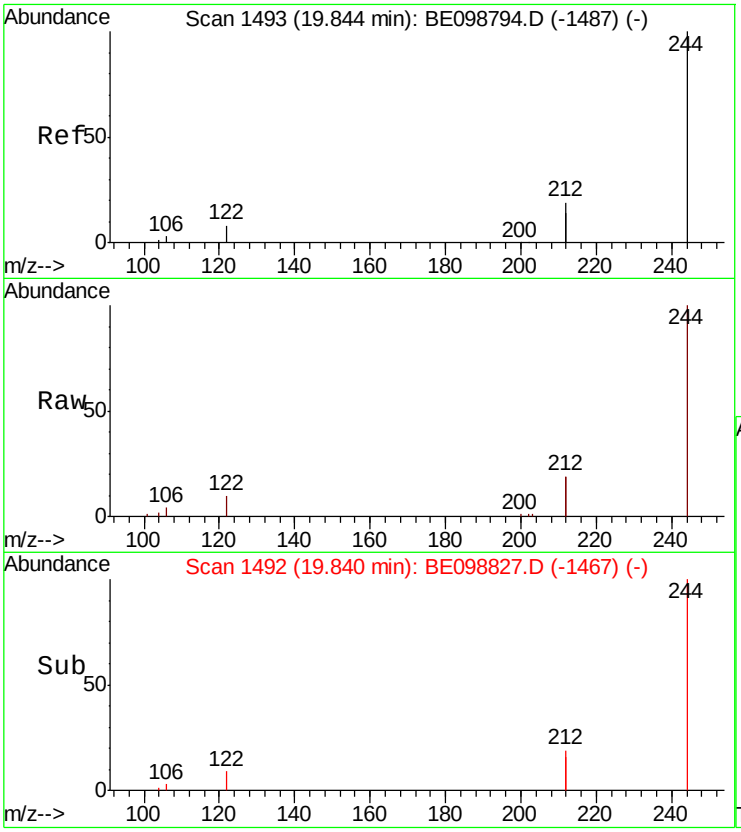


#28
Pyrene
Concen: 0.400 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:202 Resp: 11932

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



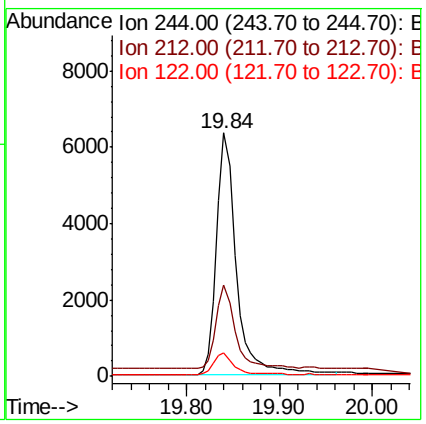


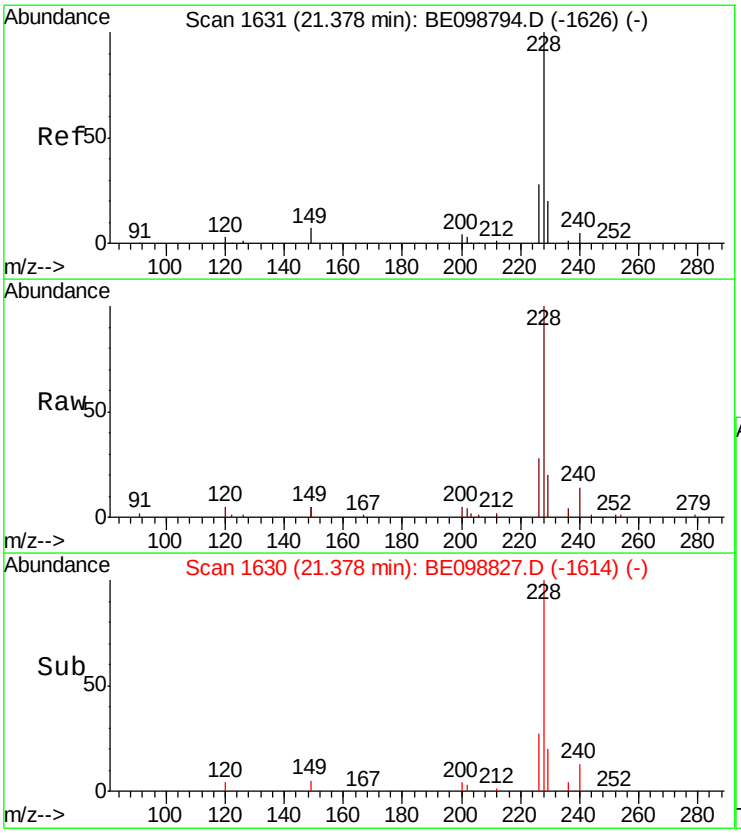
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9398

Ion	Ratio	Lower	Upper
244	100		
212	37.4	29.4	44.2
122	9.6	7.1	10.7

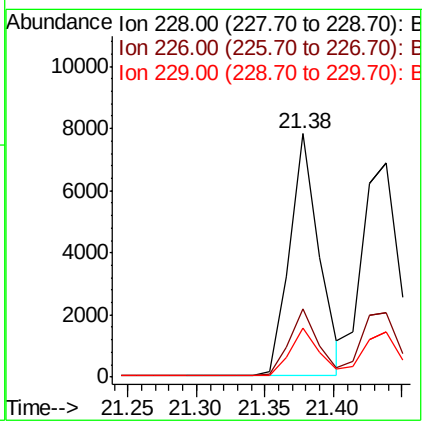


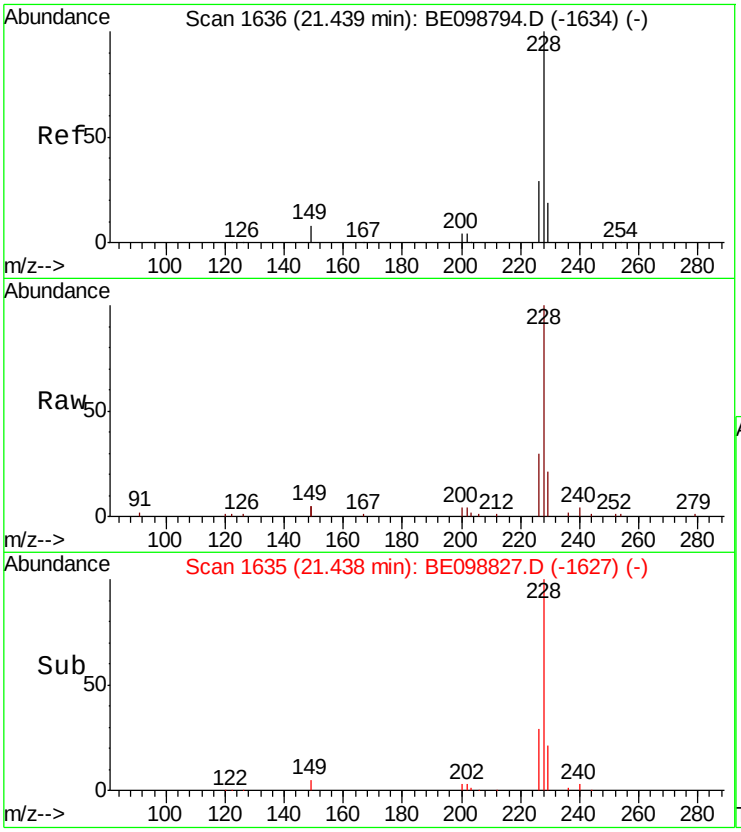


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:228 Resp: 11647

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	20.2	16.5	24.7



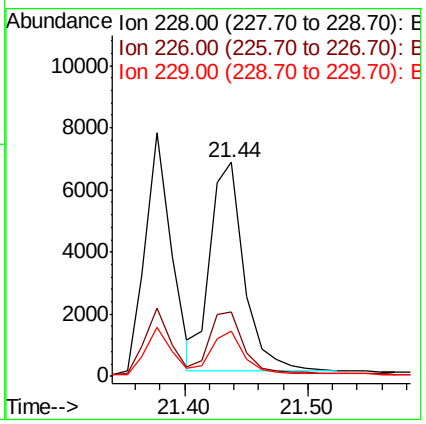


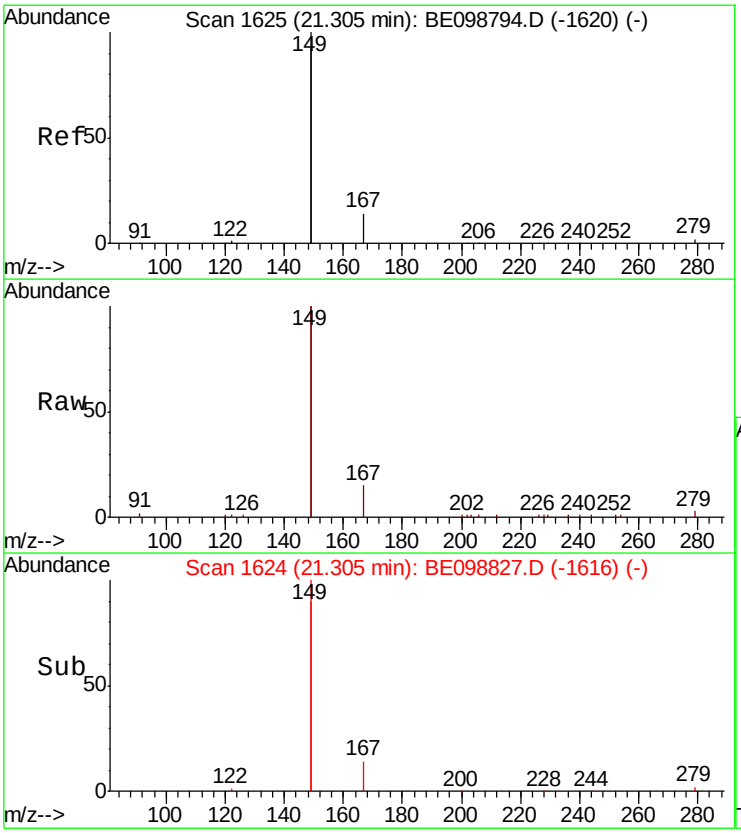
#31
Chrysene
Concen: 0.395 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12863

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	21.1	16.1	24.1

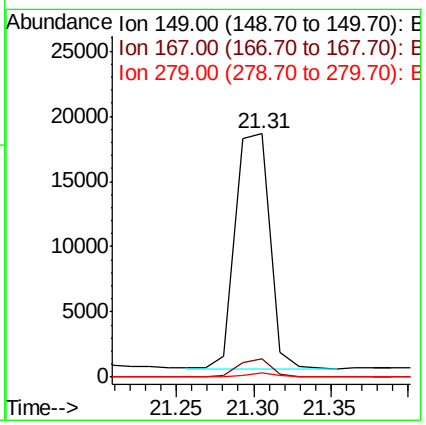


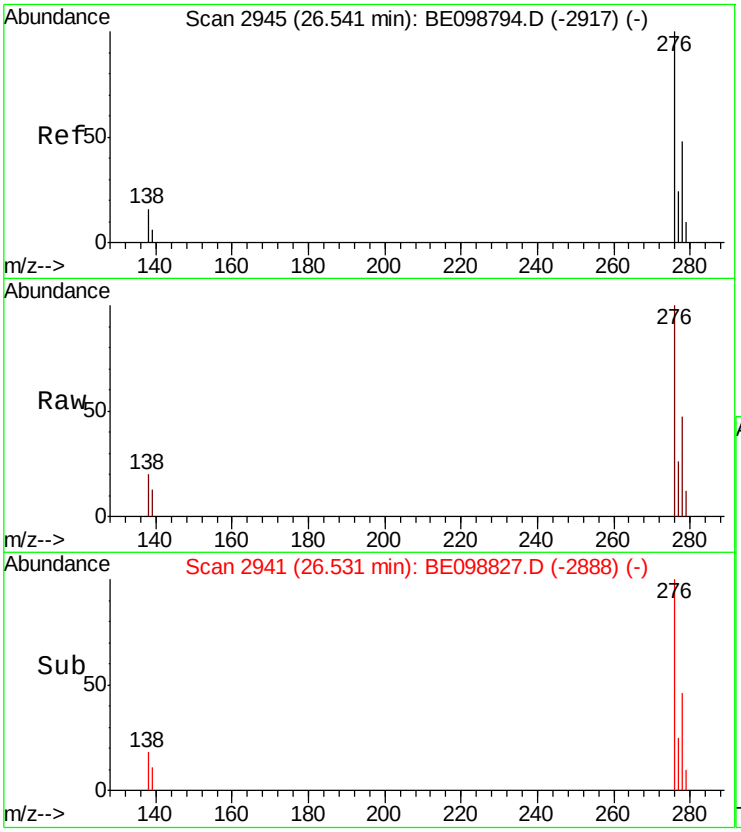


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.428 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:149 Resp: 27685

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	1.0	1.4



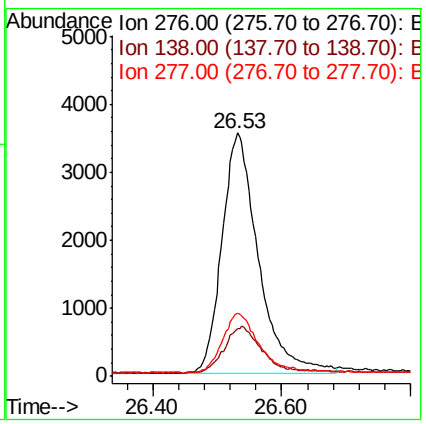


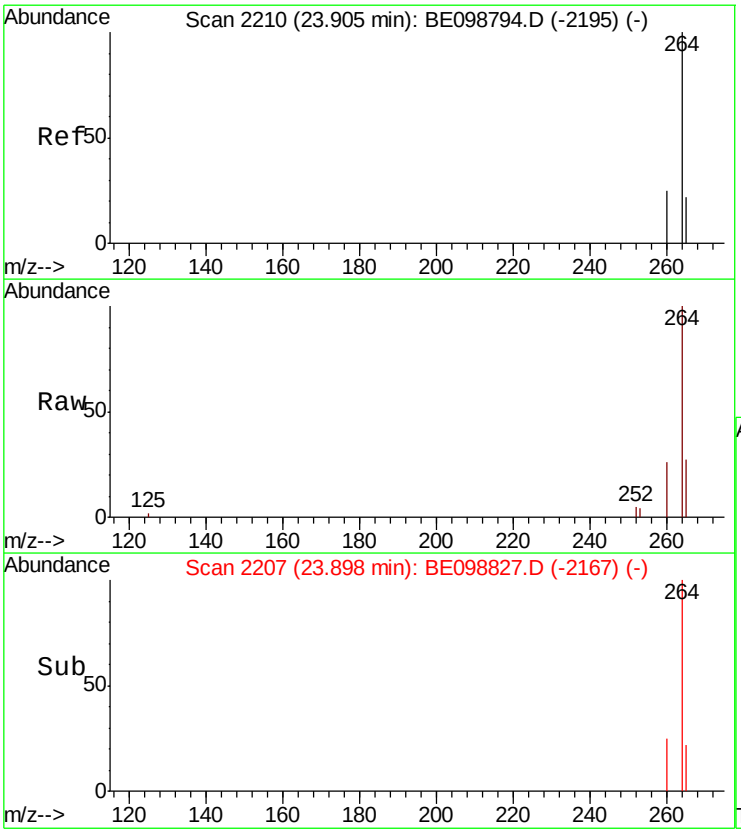
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13923

Ion	Ratio	Lower	Upper
276	100		
138	19.4	13.8	20.8
277	24.9	19.5	29.3

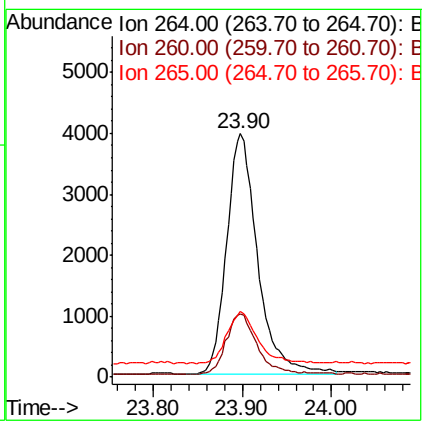


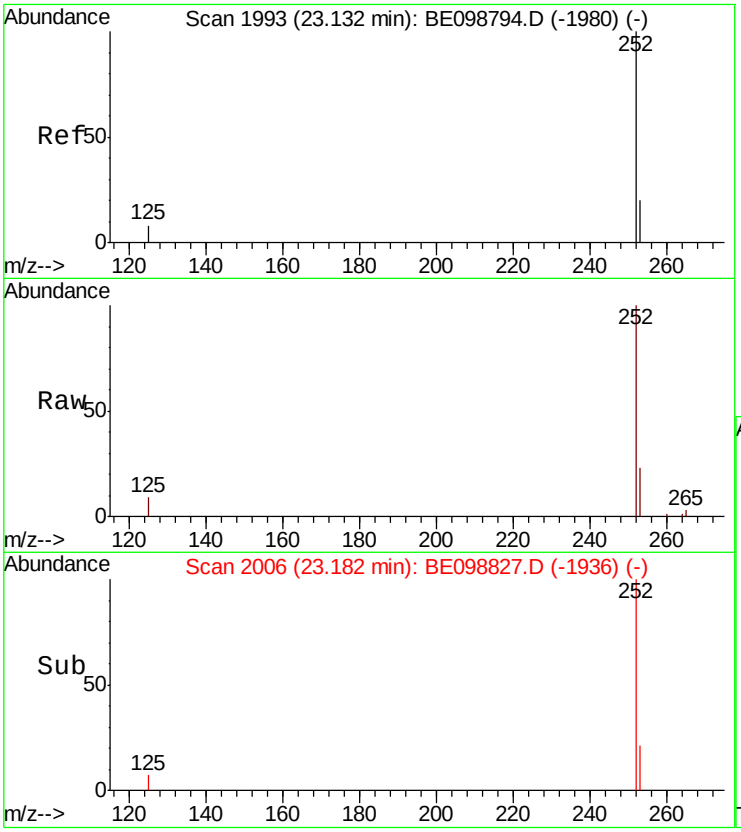


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:264 Resp: 9549

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.2	31.8
265	27.1	24.6	36.8



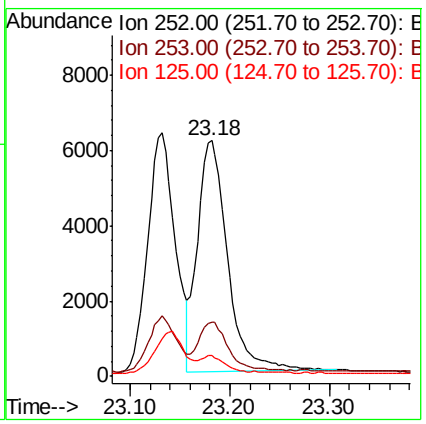


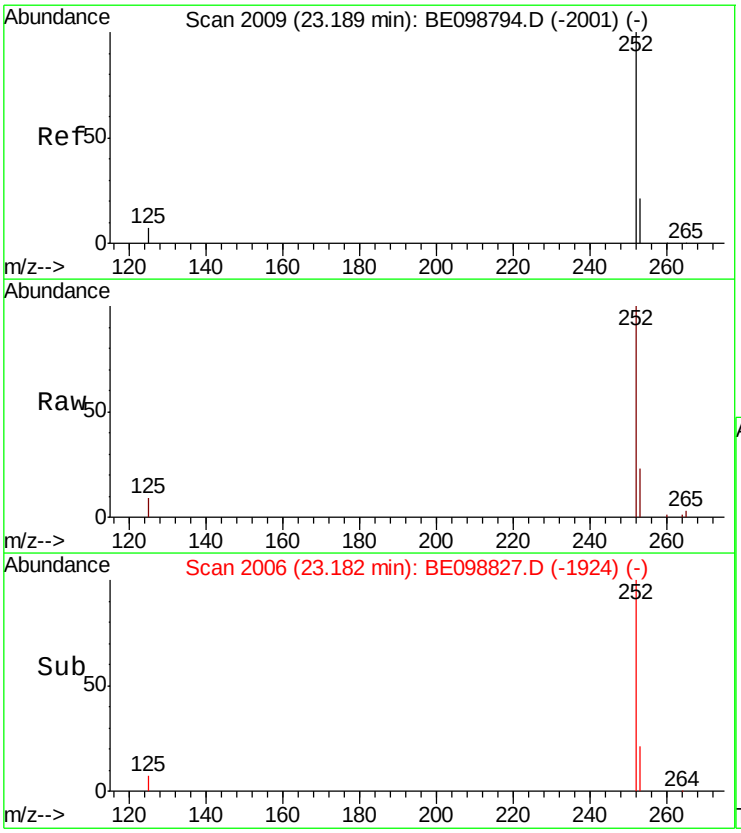
#35
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12960

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.6	7.3	10.9

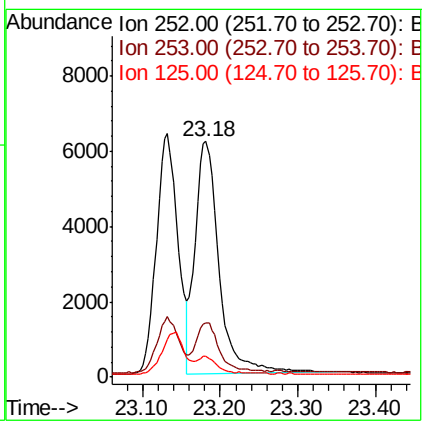


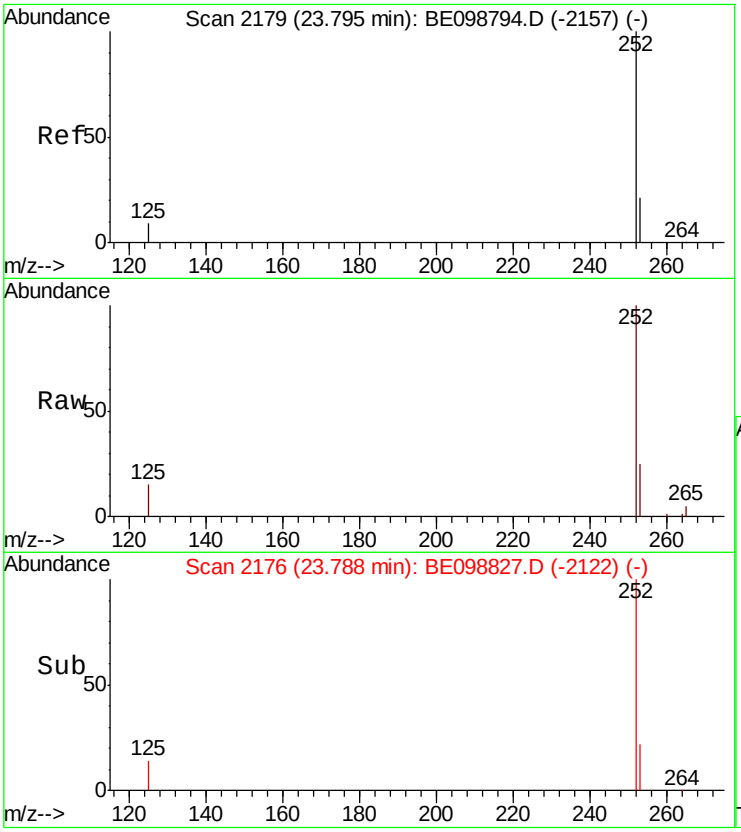


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:252 Resp: 13220

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	8.6	7.5	11.3



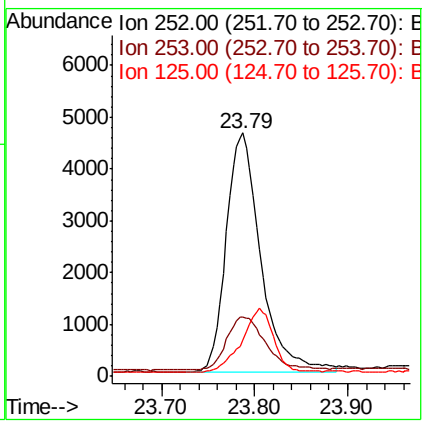


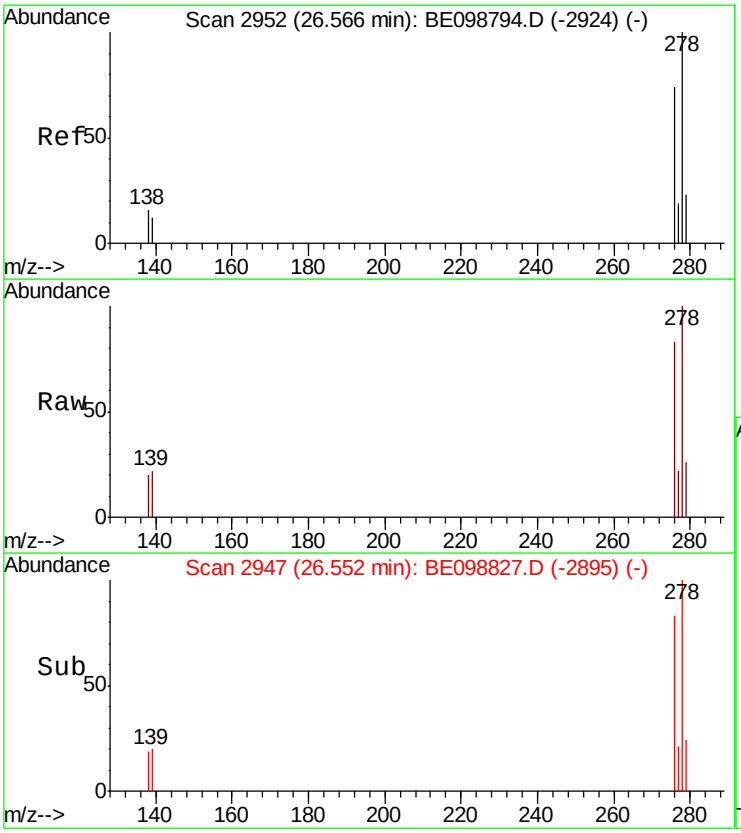
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11905

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	15.1	9.0	13.4#

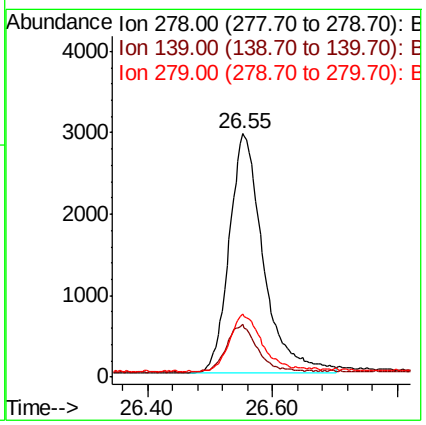


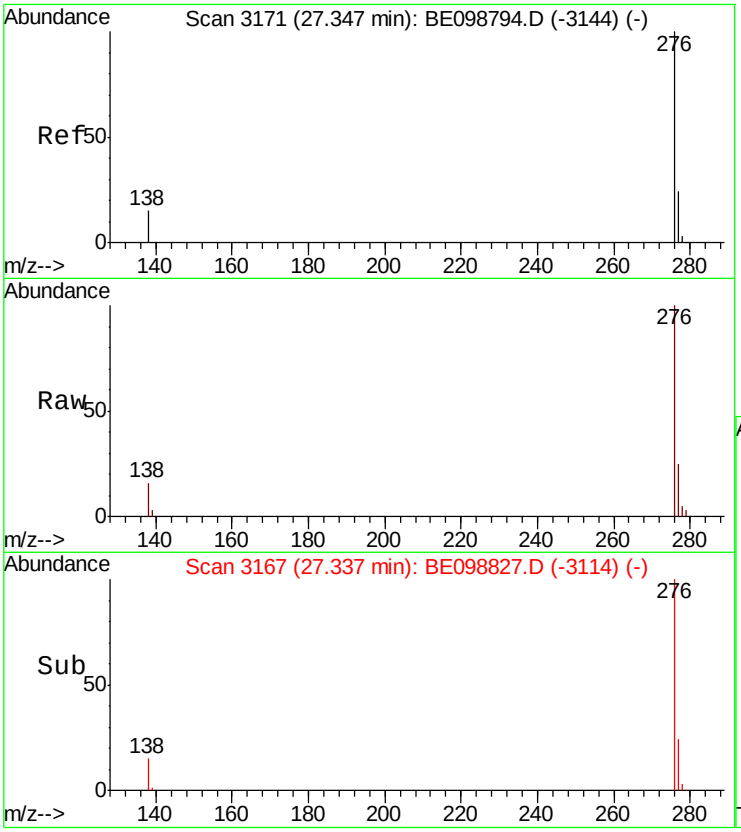


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Tgt Ion:278 Resp: 11233

Ion	Ratio	Lower	Upper
278	100		
139	21.8	11.8	17.6#
279	25.9	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.34 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE098827.D
Acq: 7 Mar 2019 19:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11440

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.4	30.6
138	16.3	13.6	20.4