Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
Data File : BE098809.D
Acq On : 6 Mar 2019 21:55
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 07 01:47:49 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	756	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3198	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2101	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5646	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7802	0.40	ng		0.00
34) Perylene-d12	23.90	264	7550	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	888	0.39	ng		0.00
5) Phenol-d6	6.99	99	1337	0.42	ng		0.00
8) Nitrobenzene-d5	8.97	82	1275	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2383	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	450	0.42	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	3428	0.39	ng		0.00
25) Fluoranthene-d10	19.25	212	34415	0.38	ng		0.00
29) Terphenyl-d14	19.84	244	7161	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	573	0.388	ng		96
3) n-Nitrosodimethylamine	3.62	42	642	0.338	ng	#	97
6) bis(2-Chloroethyl)ether	7.22	93	878	0.356	ng	#	86
9) Naphthalene	10.64	128	14522	0.396	ng		100
10) Hexachlorobutadiene	10.91	225	950	0.392	ng		99
12) 2-Methylnaphthalene	12.27	142	2260	0.380	ng		98
16) Acenaphthylene	14.18	152	4196	0.388	ng		97
17) Acenaphthene	14.53	154	2597	0.405	ng		99
18) Fluorene	15.50	166	3601	0.390	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1168	0.382	ng		96
21) Hexachlorobenzene	16.52	284	1439	0.396	ng		97
22) Pentachlorophenol	16.89	266	276	0.487	ng		98
23) Phenanthrene	17.26	178	6166	0.384	ng		99
24) Anthracene	17.35	178	5102	0.372	ng		100
26) Fluoranthene	19.28	202	8677	0.383	ng		100
28) Pyrene	19.64	202	8982	0.376	ng		100
30) Benzo(a)anthracene	21.38	228	9382	0.385	ng		99
31) Chrysene	21.44	228	9985	0.383	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	18763	0.362	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	11137	0.405	ng		99
35) Benzo(b)fluoranthene	23.13	252	9446	0.380	ng		97
36) Benzo(k)fluoranthene	23.19	252	9991	0.384	ng		98
37) Benzo(a)pyrene	23.79	252	9203	0.387	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	8809	0.391	ng		98
39) Benzo(g,h,i)perylene	27.35	276	9151	0.389	ng		99

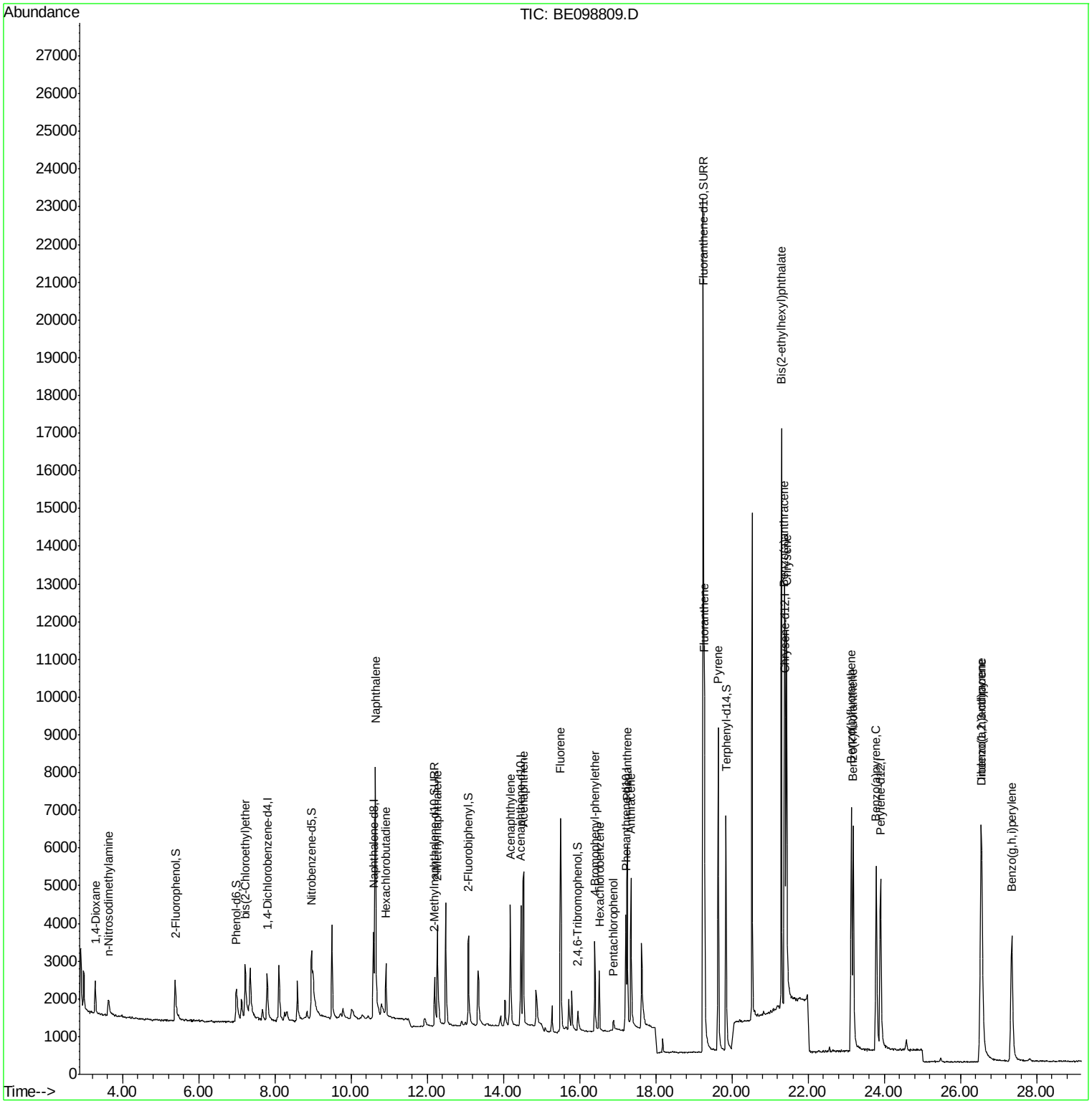
(#) = qualifier out of range (m) = manual integration (+) = signals summed

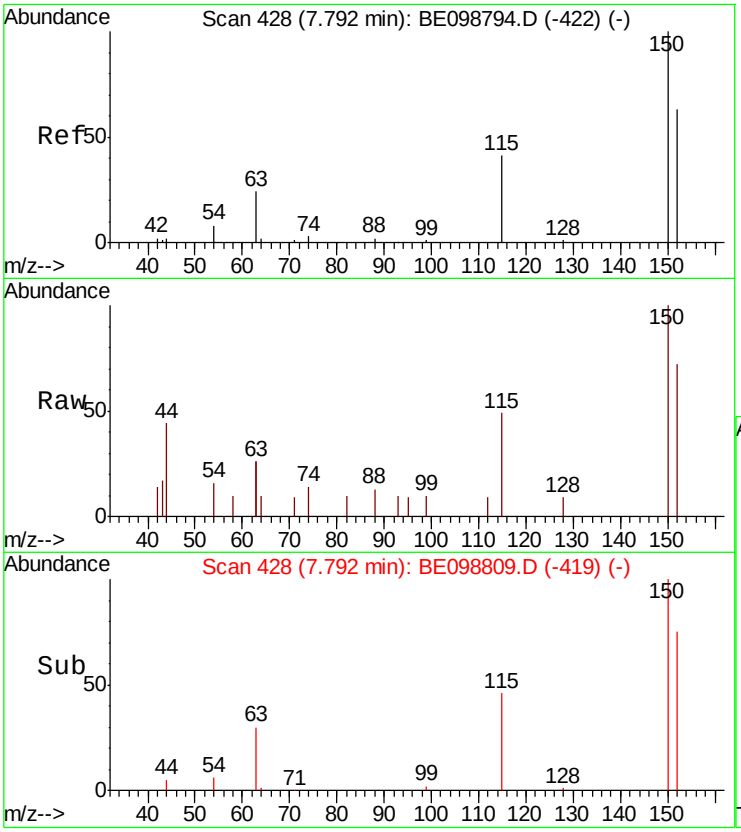
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
Data File : BE098809.D
Acq On : 6 Mar 2019 21:55
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 07 01:47:49 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



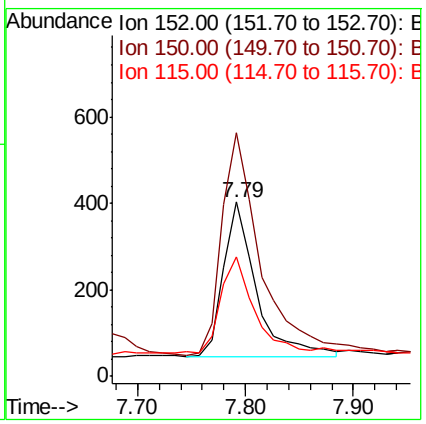


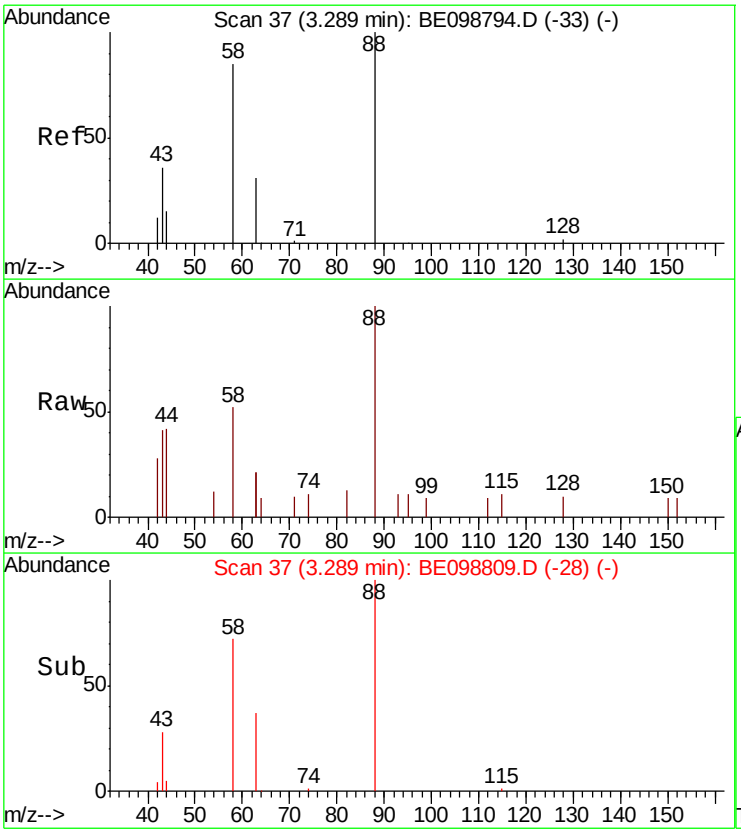
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 756

Ion	Ratio	Lower	Upper
152	100		
150	139.7	122.5	183.7
115	68.2	57.4	86.2

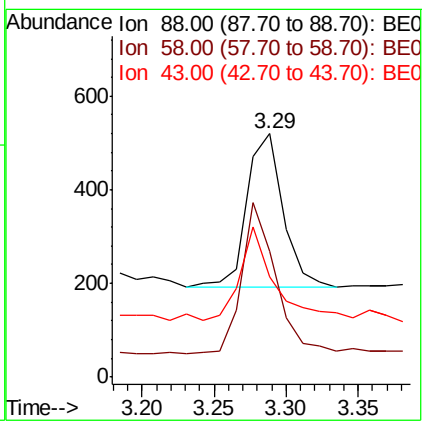


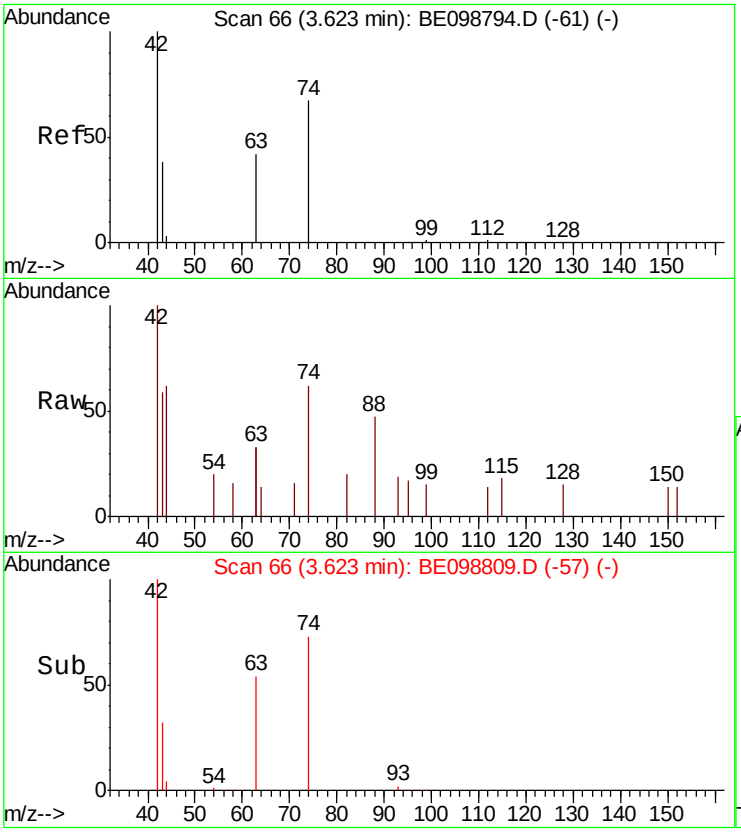


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion: 88 Resp: 573

Ion	Ratio	Lower	Upper
88	100		
58	93.4	75.8	113.6
43	58.8	41.8	62.8



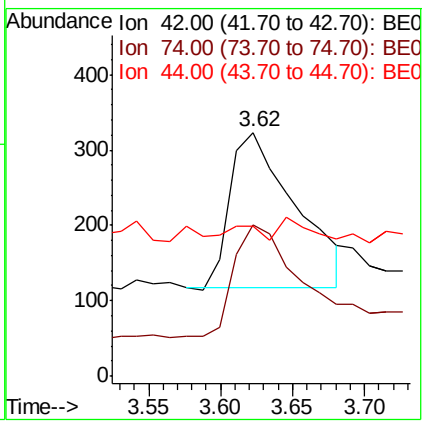


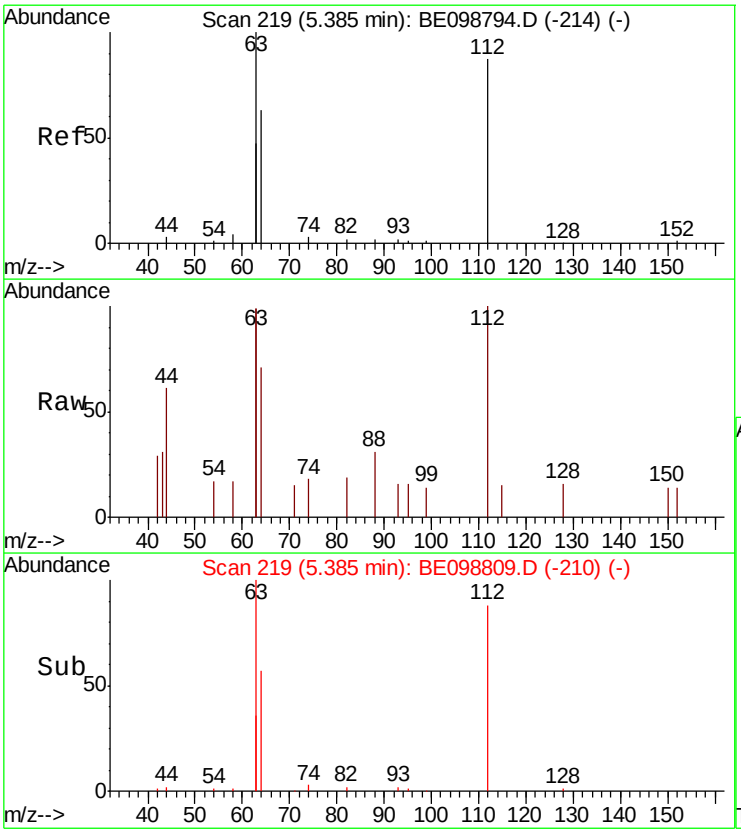
#3
n-Nitrosodimethylamine
Concen: 0.338 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 642

Ion	Ratio	Lower	Upper
42	100		
74	74.0	57.0	85.4
44	5.1	0.0	0.0#

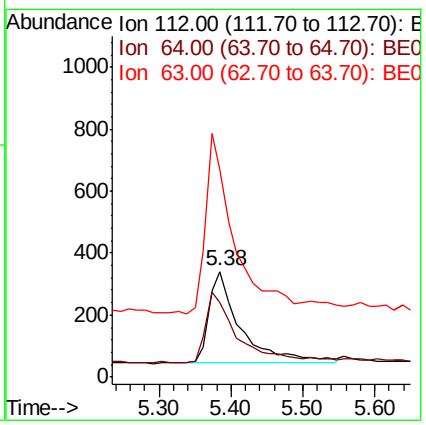


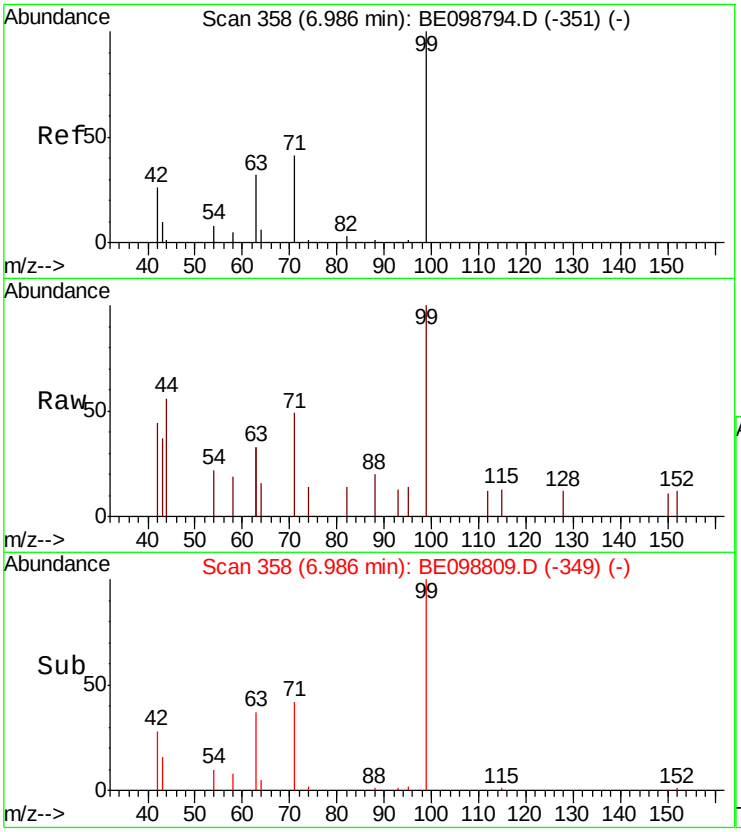


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:112 Resp: 888

Ion	Ratio	Lower	Upper
112	100		
64	80.0	57.9	86.9
63	181.3	158.3	237.5



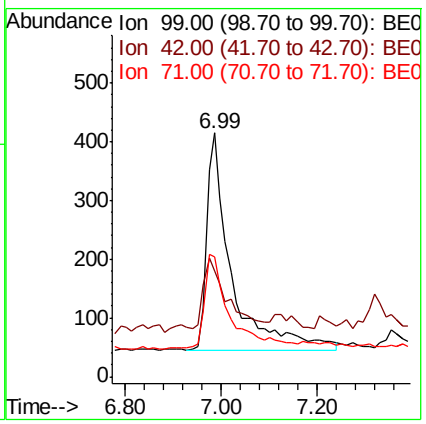


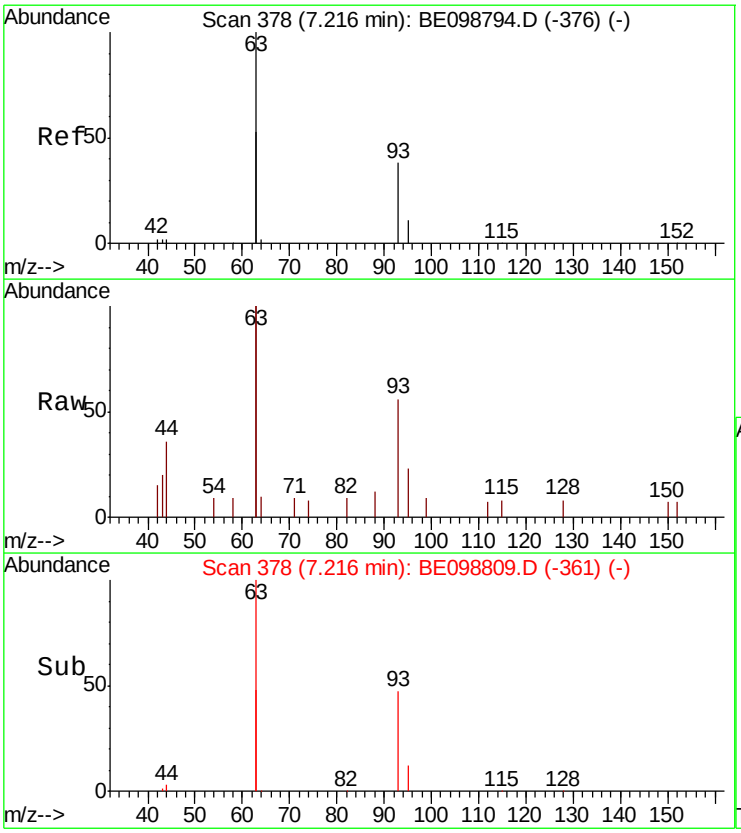
#5
Phenol-d6
Concen: 0.419 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1337

Ion	Ratio	Lower	Upper
99	100		
42	30.2	24.2	36.2
71	42.5	35.7	53.5

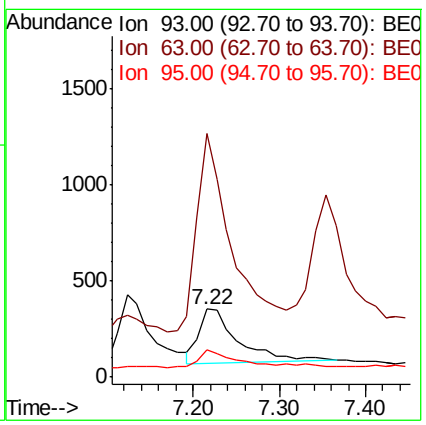


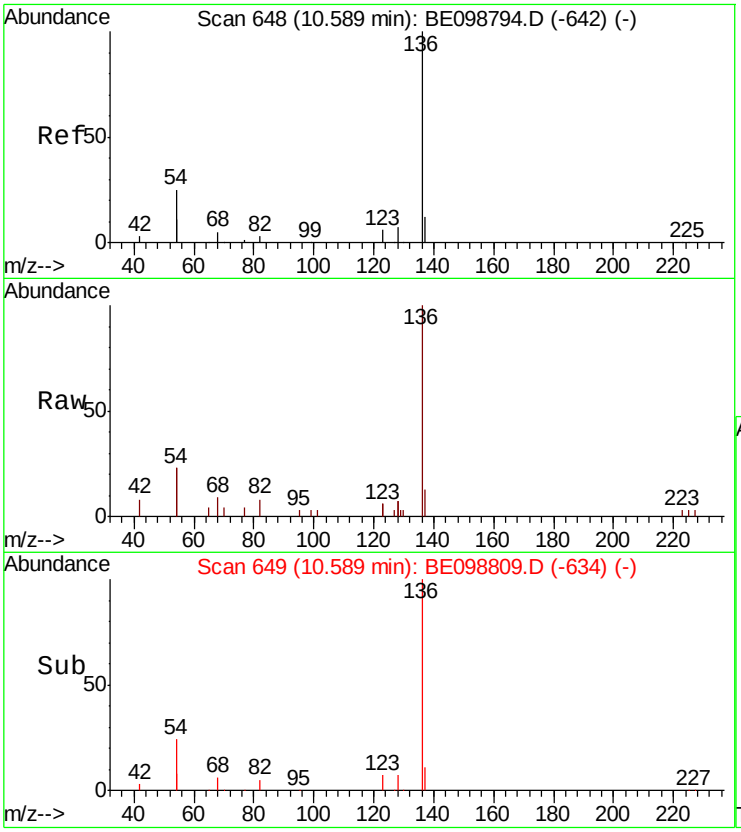


#6
bis(2-Chloroethyl)ether
Concen: 0.356 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion: 93 Resp: 878

Ion	Ratio	Lower	Upper
93	100		
63	337.0	247.5	371.3
95	35.0	21.8	32.8#



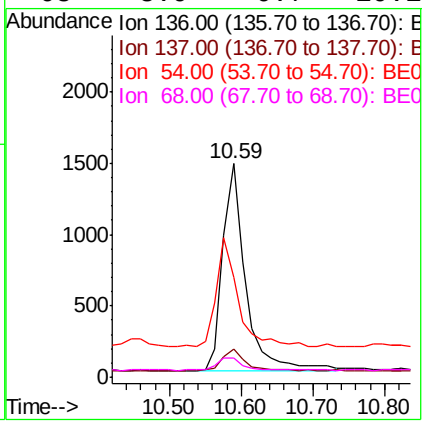


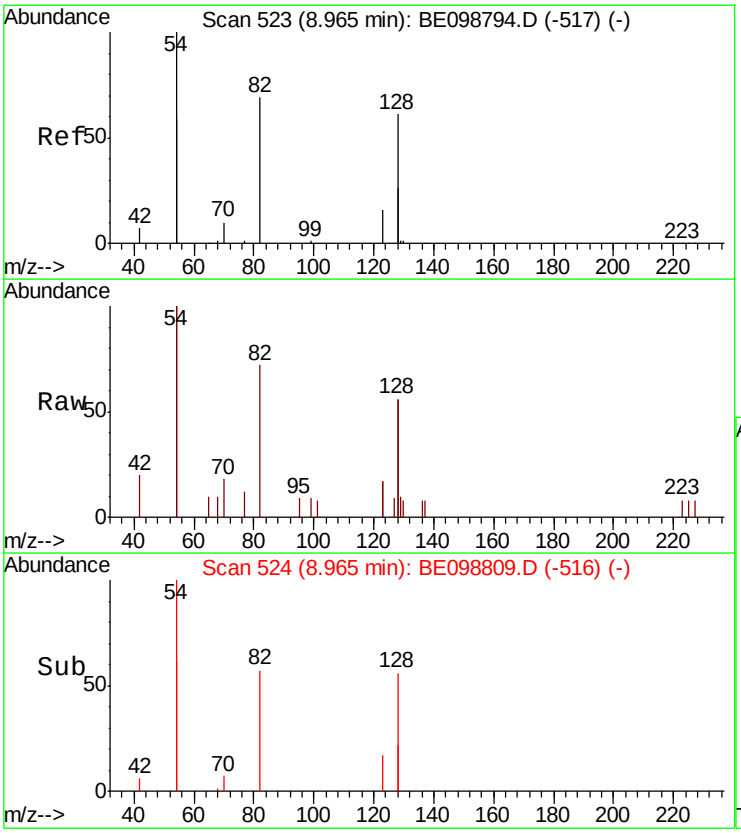
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3198

Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.4	17.0
54	46.7	39.3	58.9
68	8.9	6.7	10.1

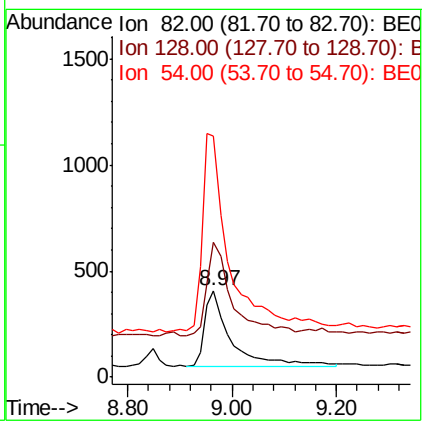


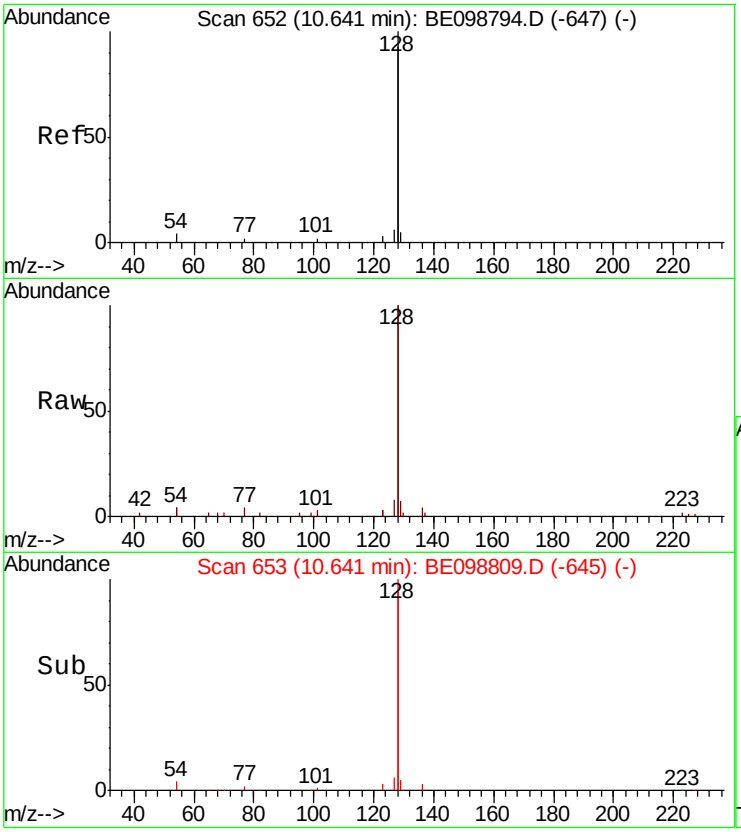


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.97 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion: 82 Resp: 1275

Ion	Ratio	Lower	Upper
82	100		
128	156.8	123.8	185.8
54	279.6	203.4	305.2



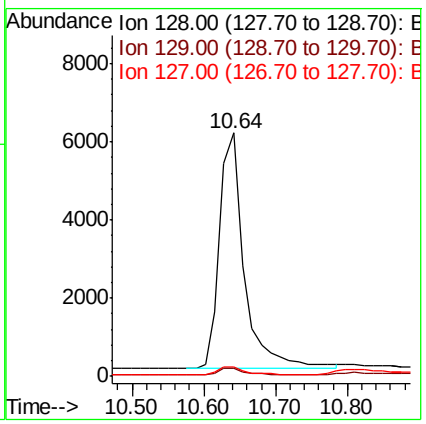


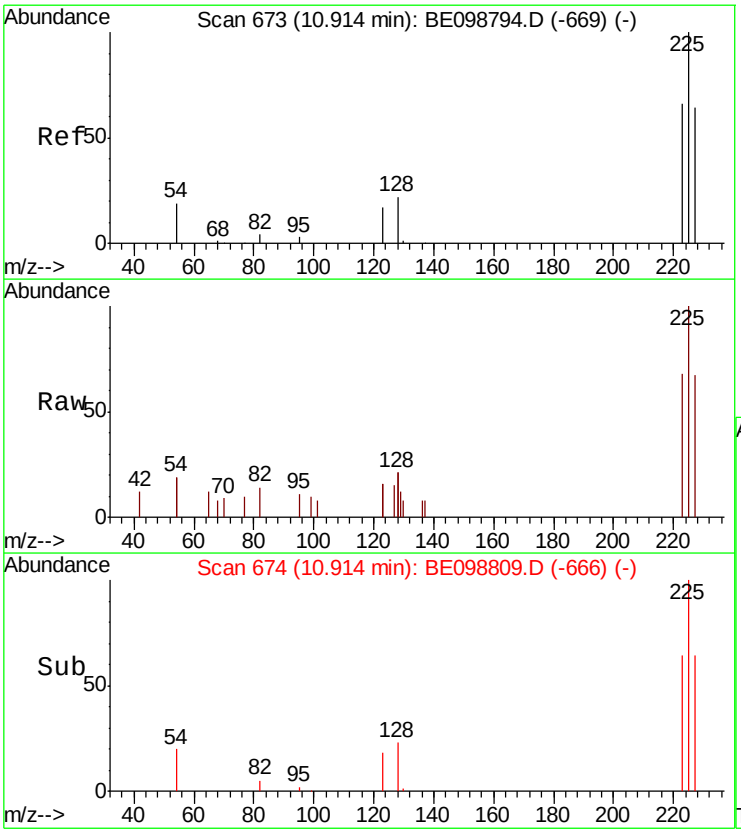
#9
Naphthalene
Concen: 0.396 ng
RT: 10.64 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 14522

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	3.9	3.1	4.7

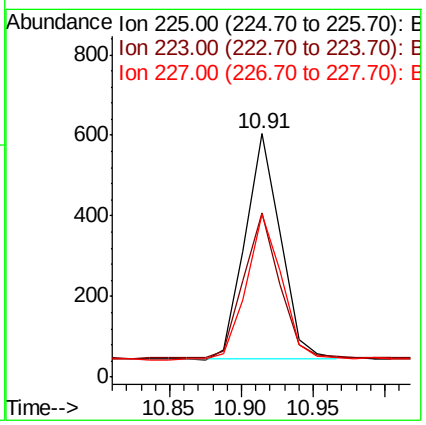


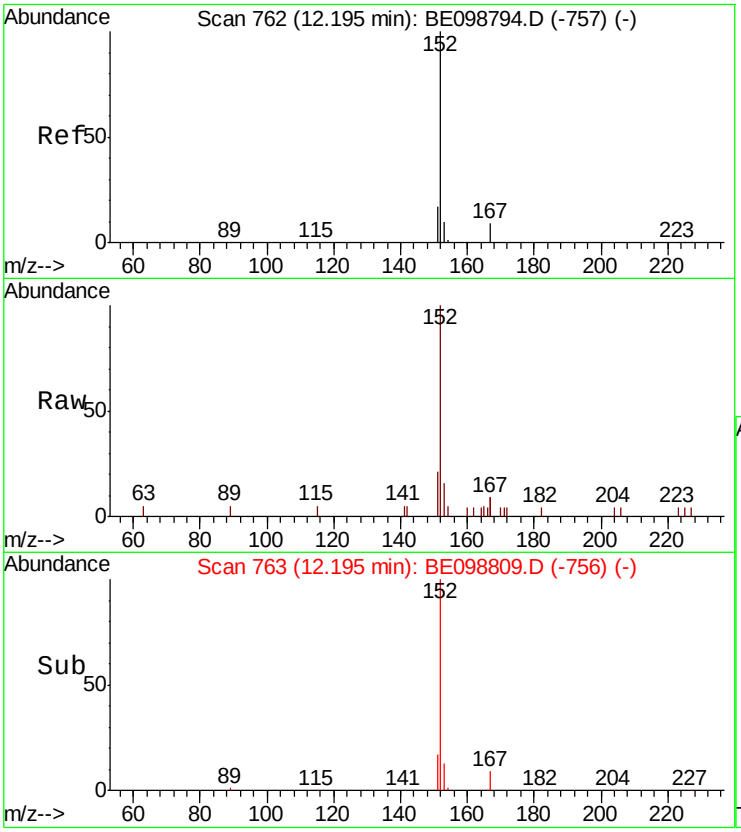


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:225 Resp: 950

Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.1	76.7
227	65.4	51.6	77.4



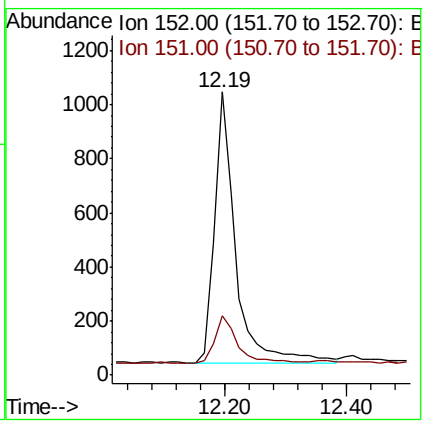


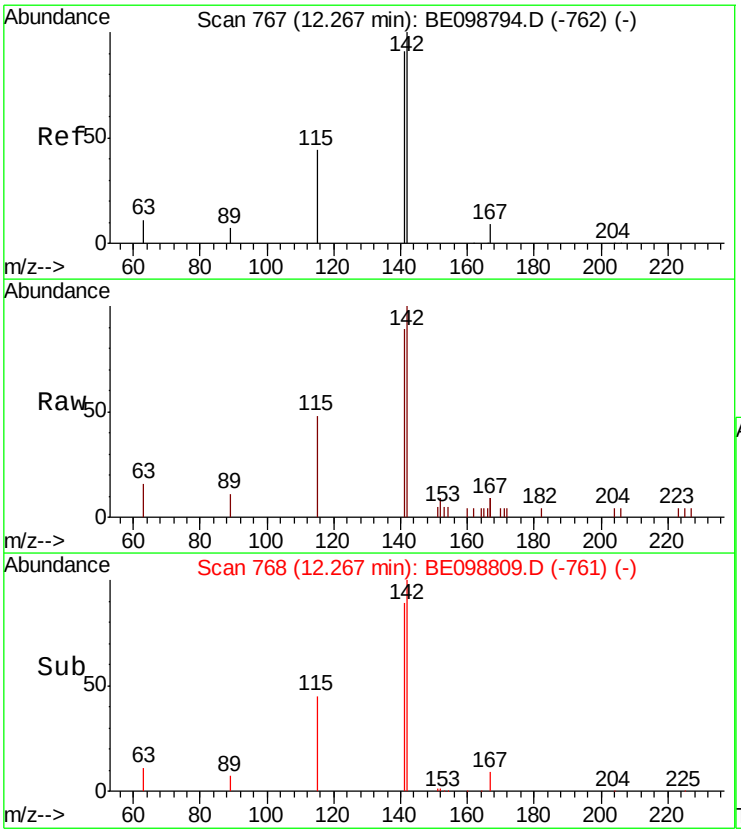
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.19 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2383

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7

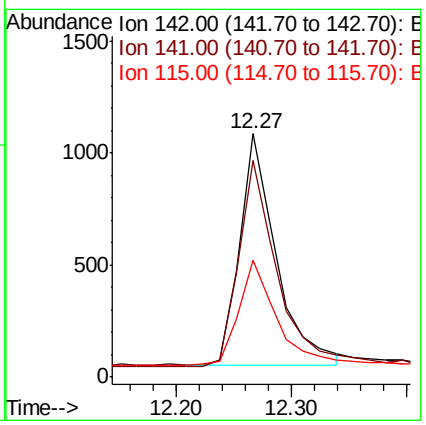


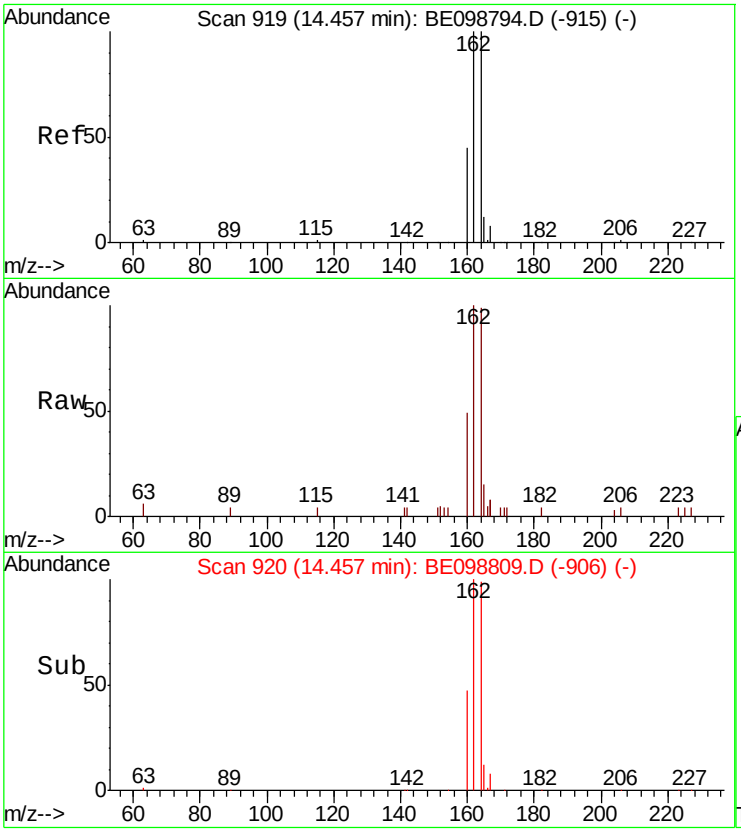


#12
2-Methylnaphthalene
Concen: 0.380 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:142 Resp: 2260

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
115	47.9	37.4	56.2



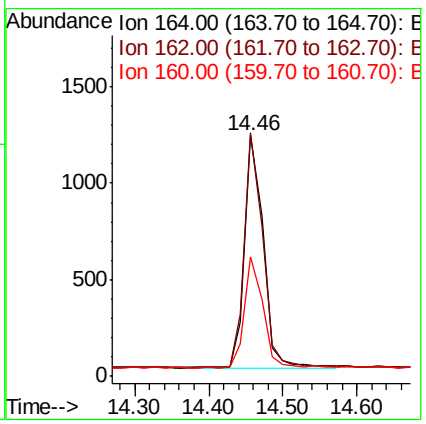


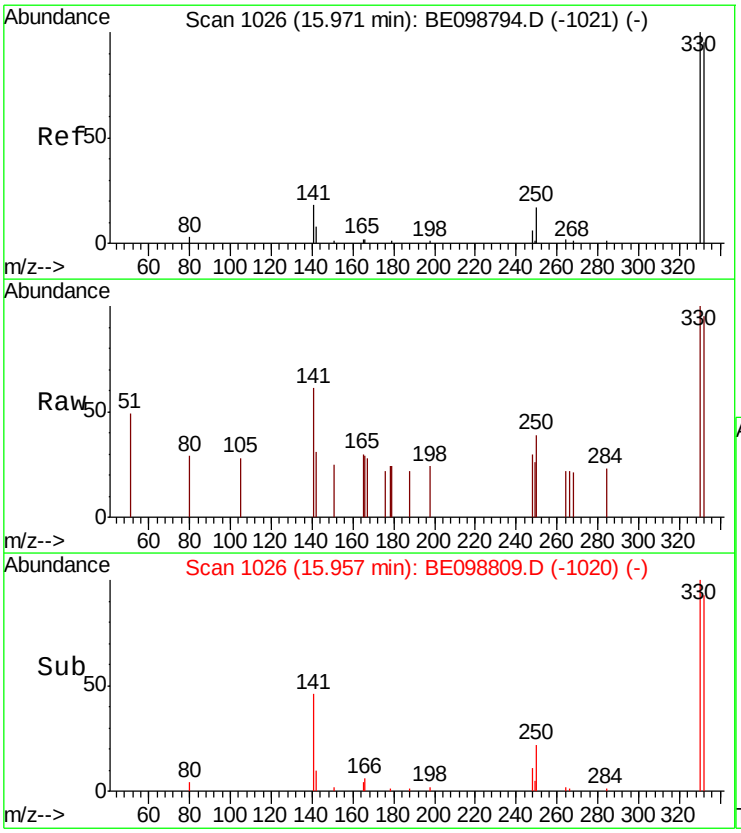
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2101

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	49.9	37.8	56.8

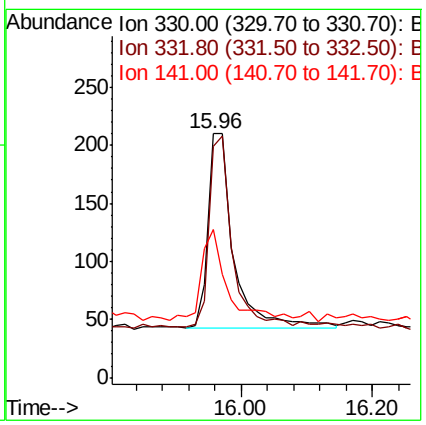


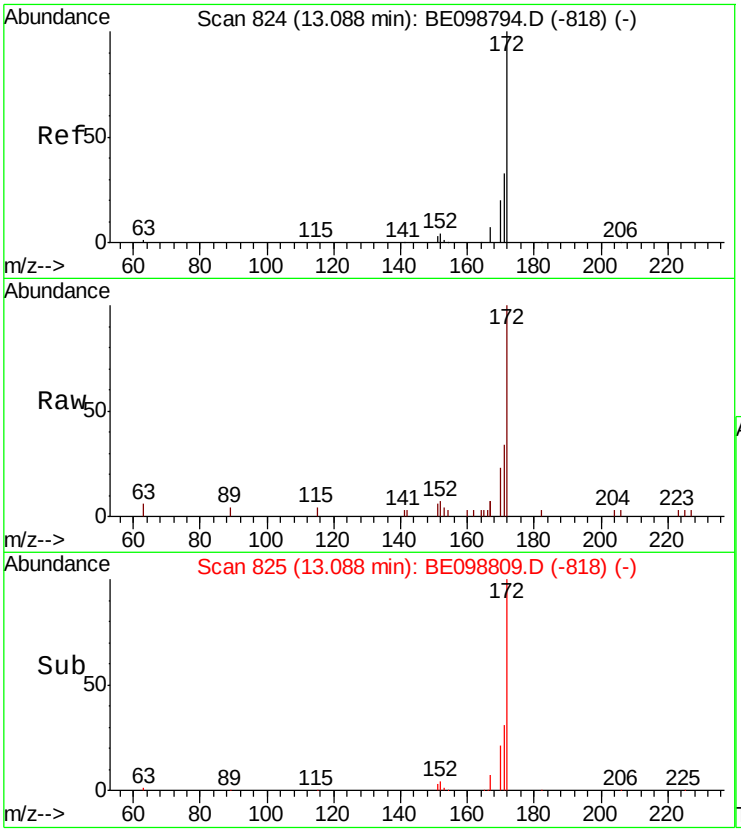


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.96 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:330 Resp: 450

Ion	Ratio	Lower	Upper
330	100		
332	86.2	77.6	116.4
141	40.9	31.0	46.4



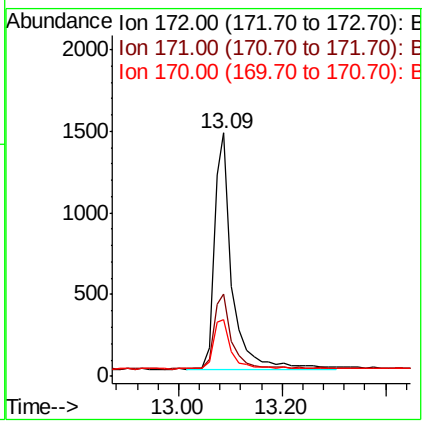


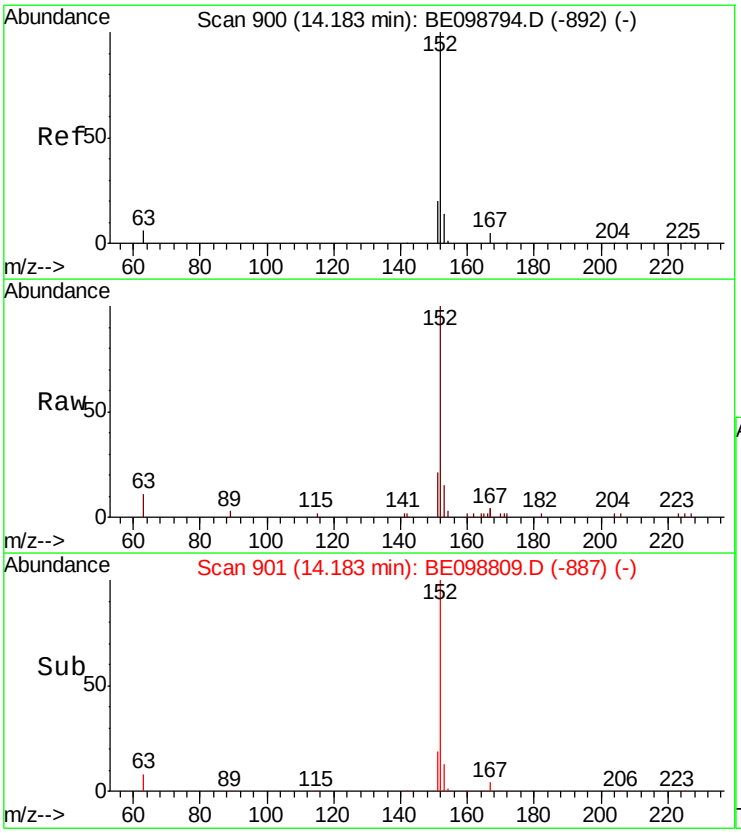
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3428

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	23.2	17.7	26.5

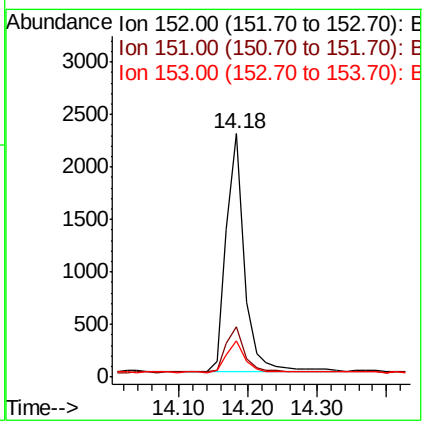


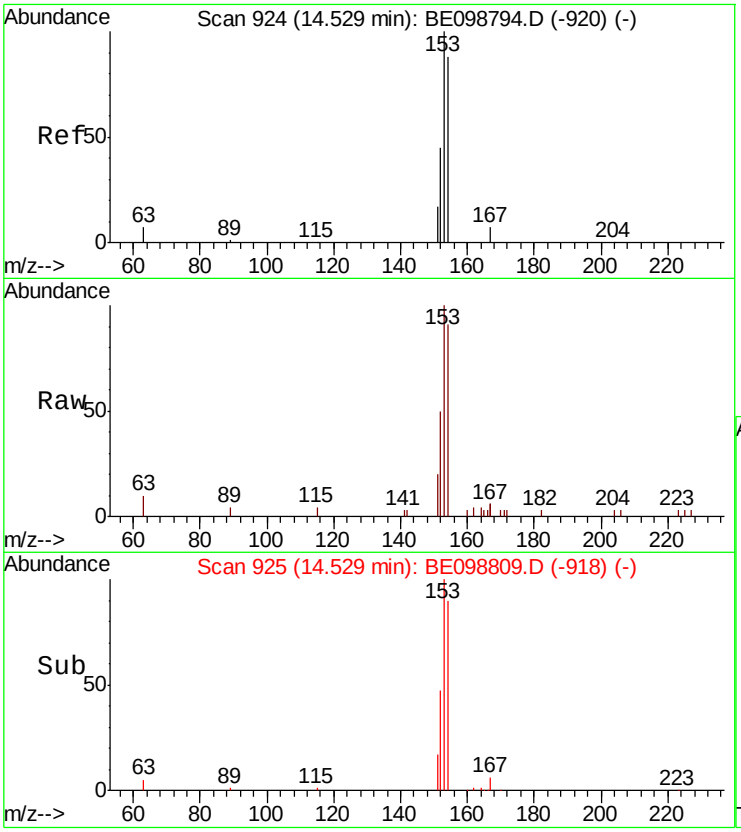


#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:152 Resp: 4196

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.0	25.6
153	13.0	11.2	16.8



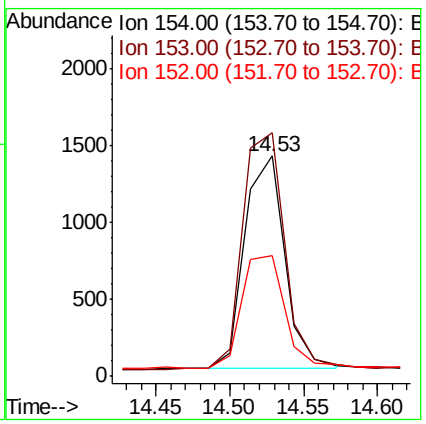


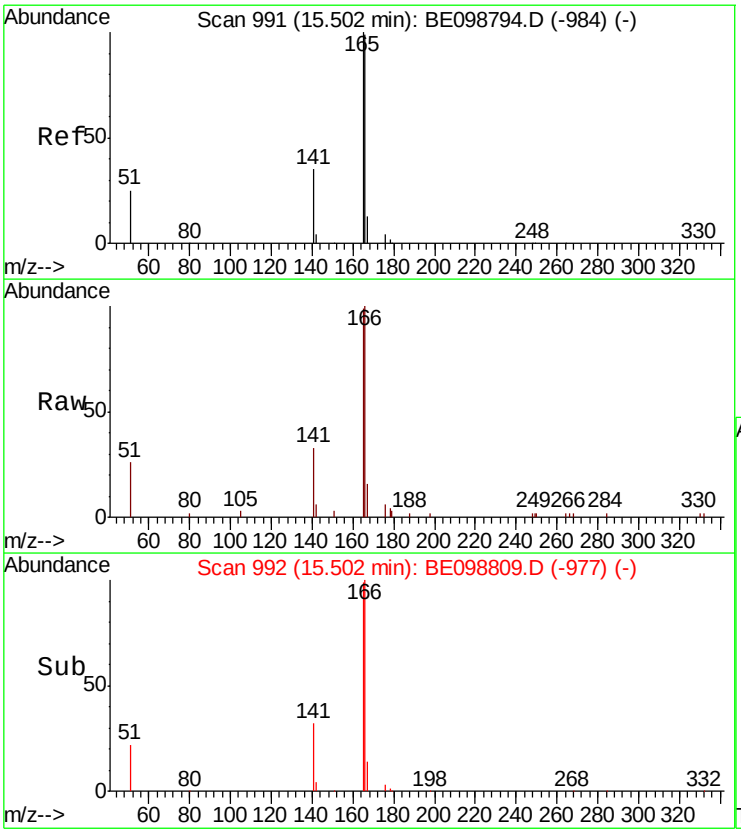
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2597

Ion	Ratio	Lower	Upper
154	100		
153	116.2	94.2	141.4
152	57.1	45.0	67.4

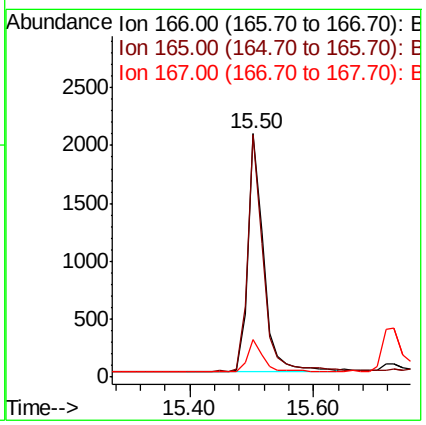


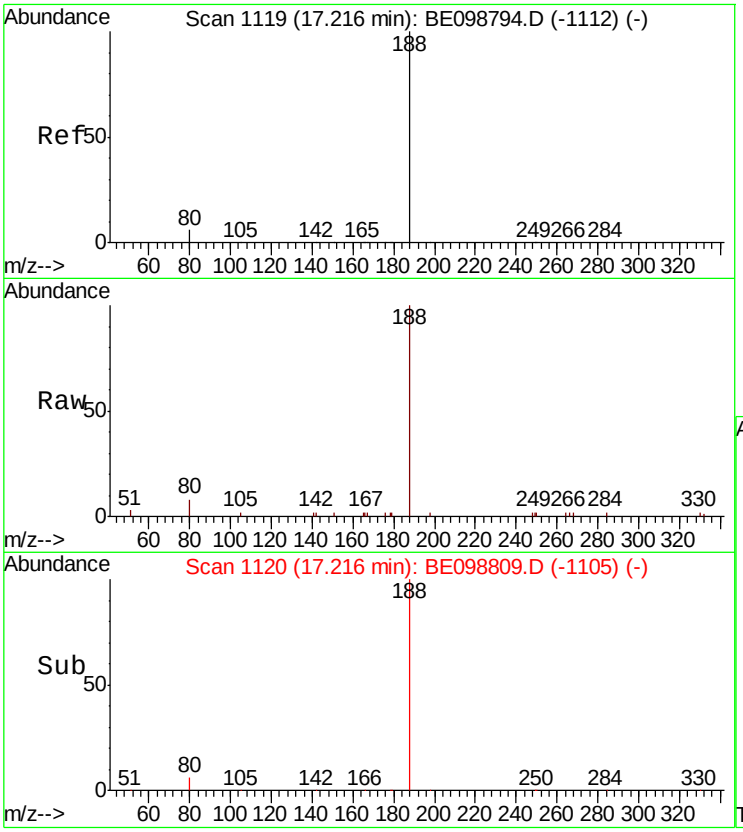


#18
Fluorene
Concen: 0.390 ng
RT: 15.50 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:166 Resp: 3601

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.3	118.9
167	13.7	10.5	15.7



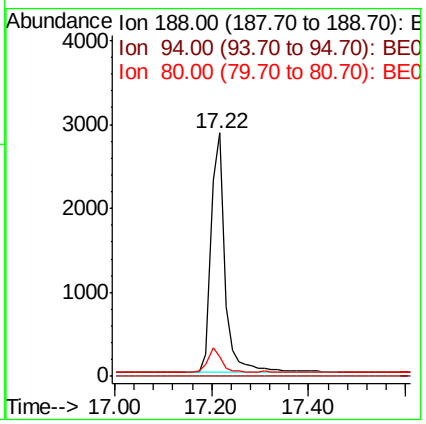


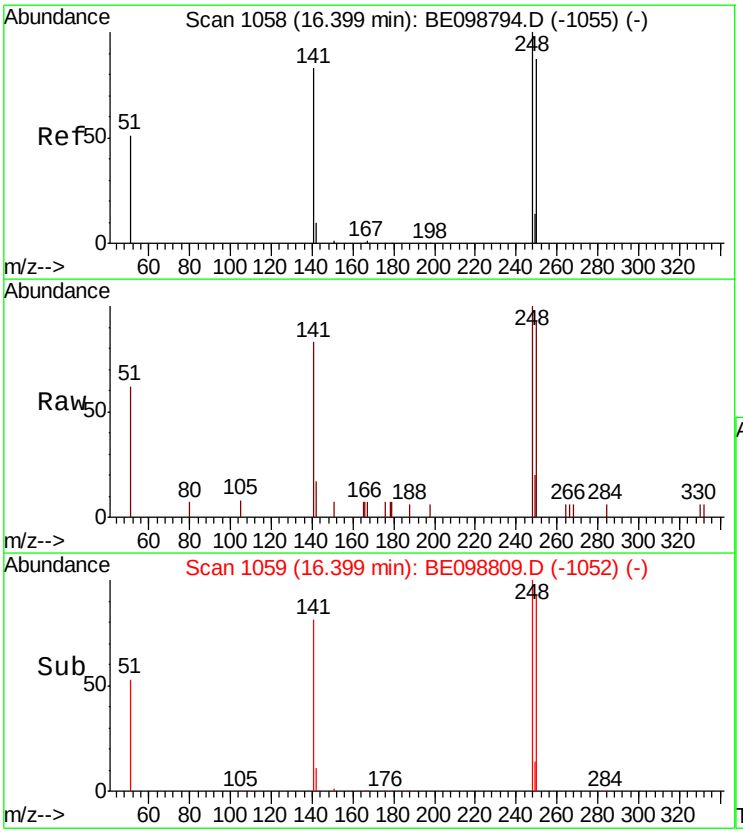
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 5646

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5

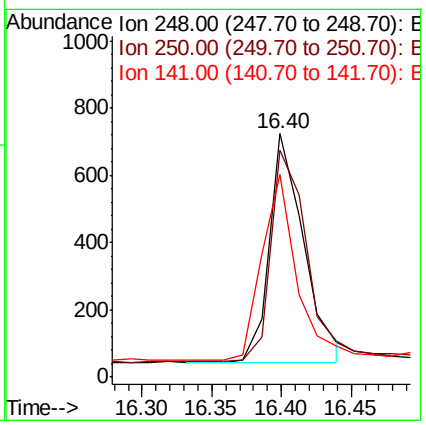


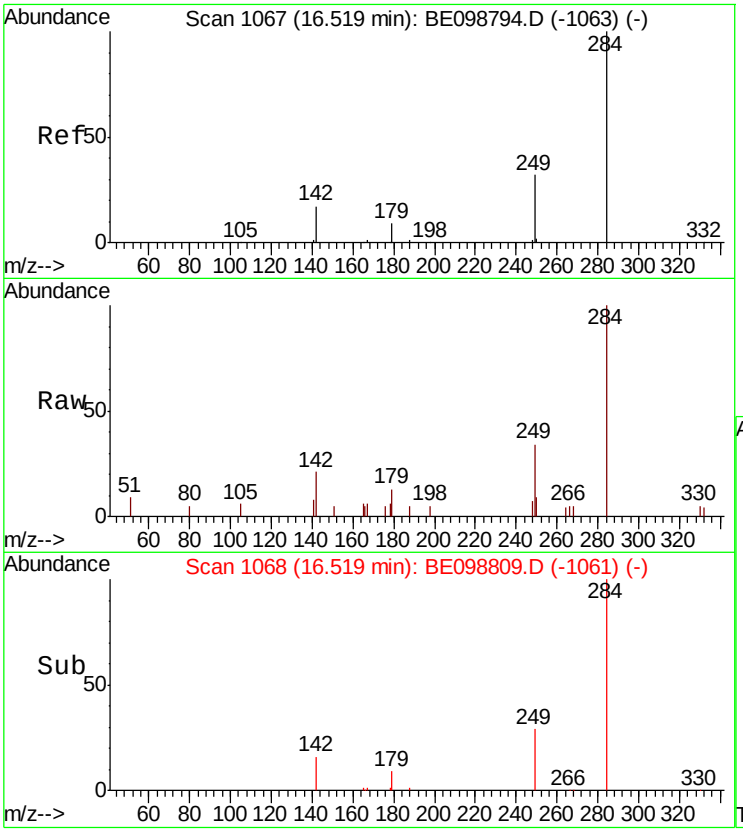


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.40 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:248 Resp: 1168

Ion	Ratio	Lower	Upper
248	100		
250	93.1	70.6	105.8
141	83.4	68.6	102.8



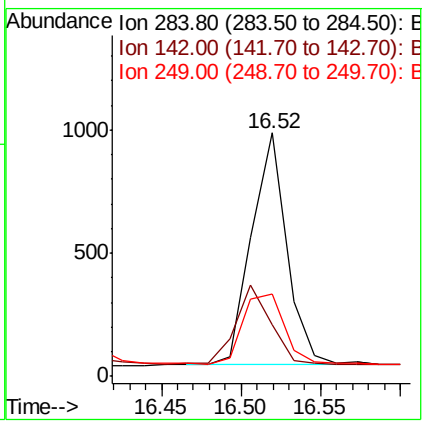


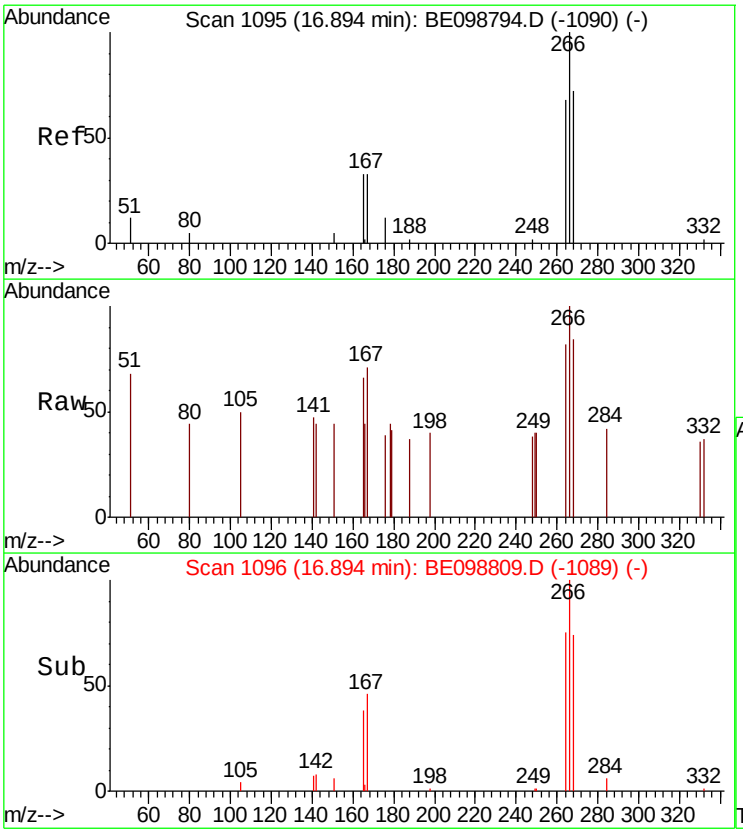
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1439

Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.7	43.1
249	34.9	29.6	44.4

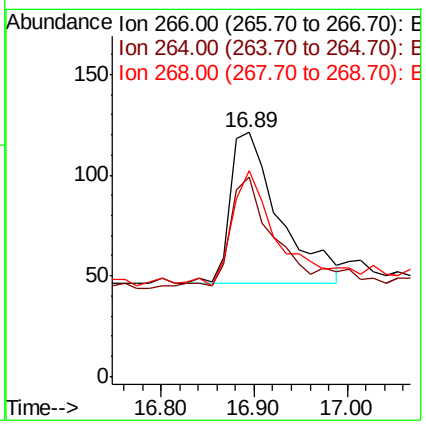


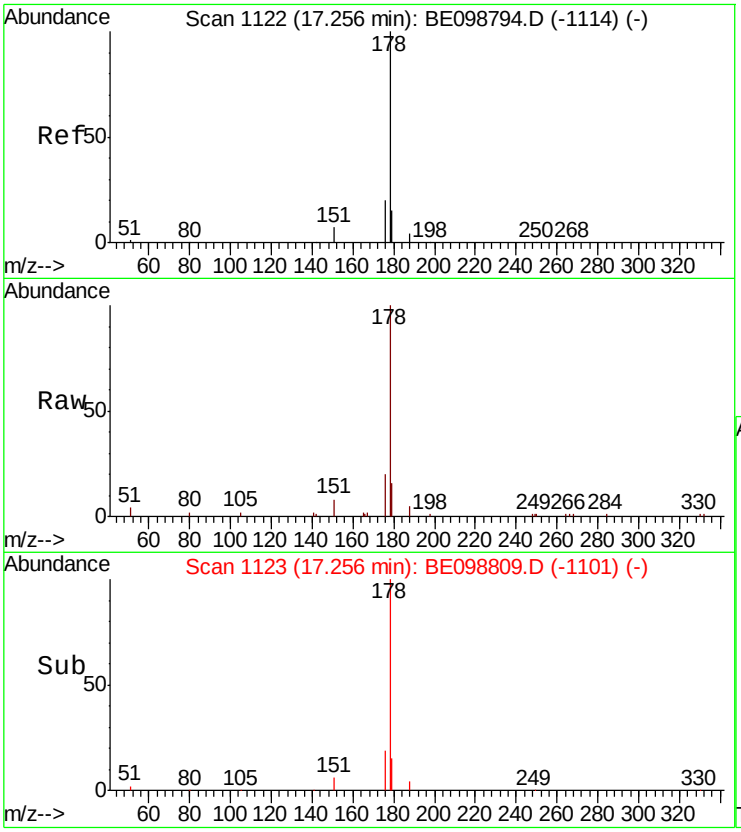


#22
Pentachlorophenol
Concen: 0.487 ng
RT: 16.89 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:266 Resp: 276

Ion	Ratio	Lower	Upper
266	100		
264	81.8	66.6	100.0
268	84.3	69.8	104.8



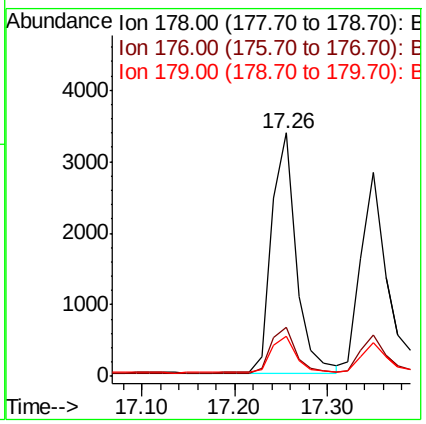


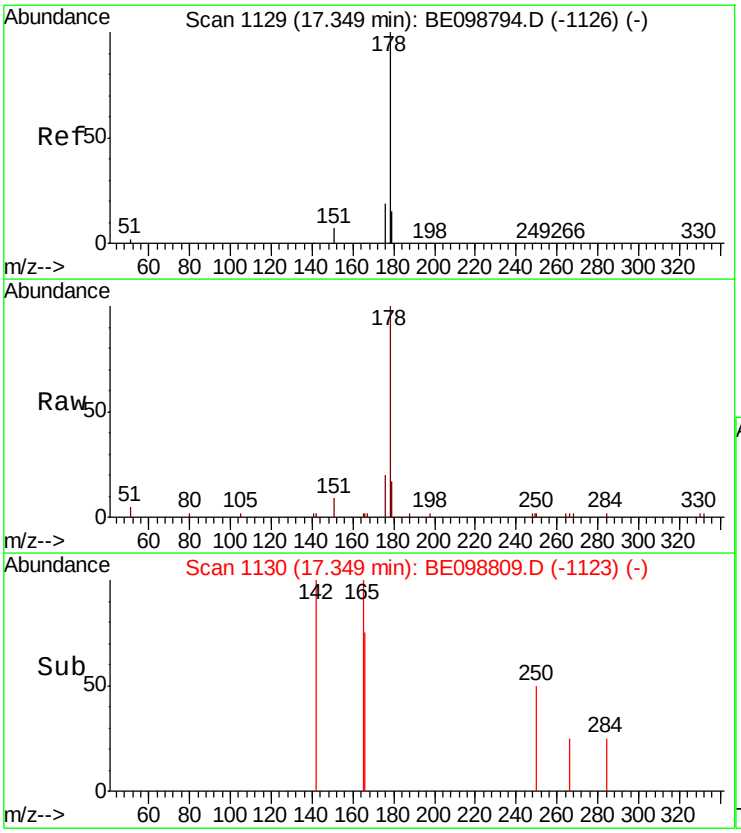
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.26 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6166

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.8	12.1	18.1

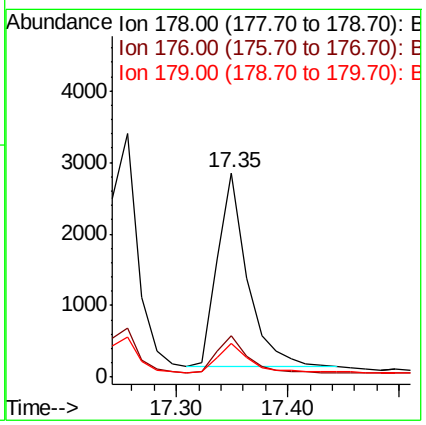


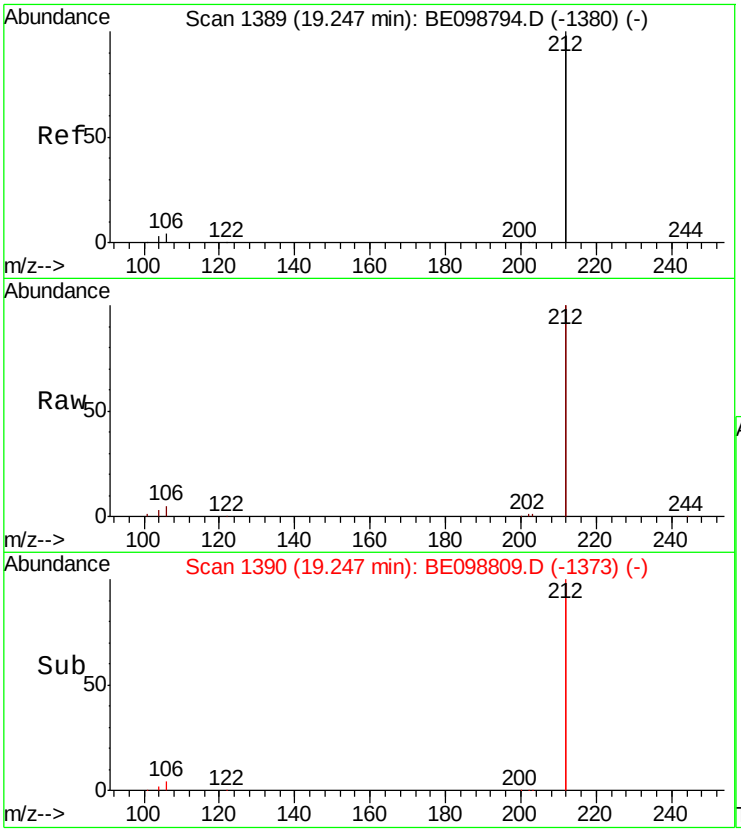


#24
Anthracene
Concen: 0.372 ng
RT: 17.35 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:178 Resp: 5102

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.2	18.4



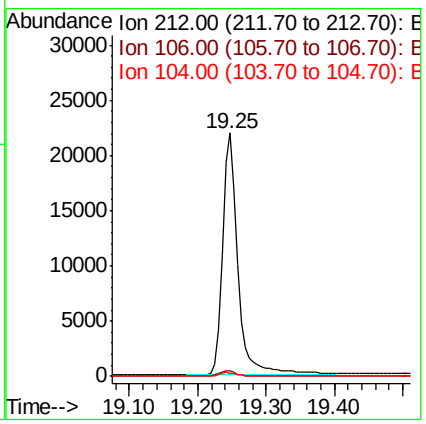


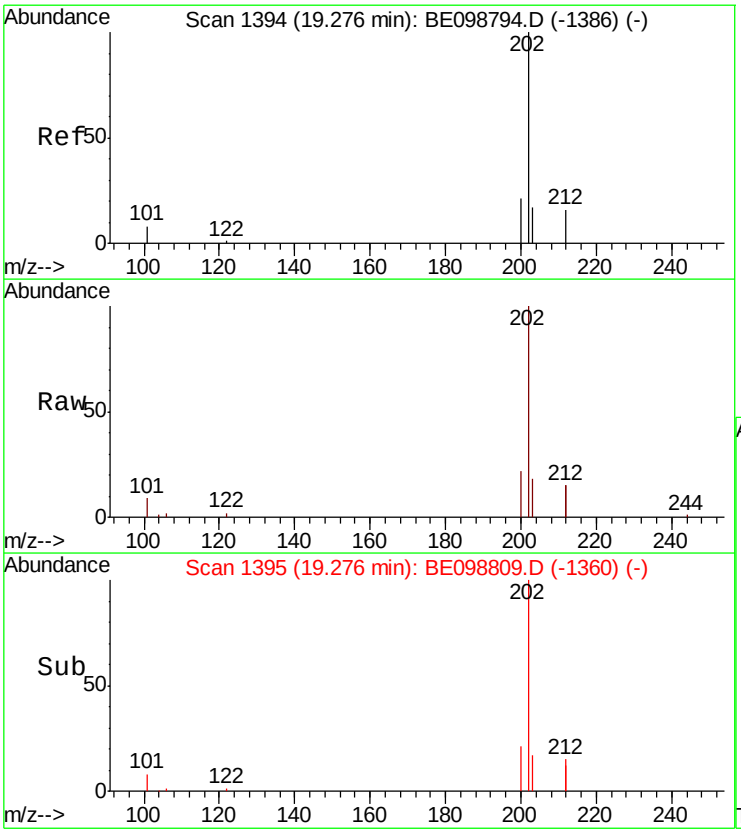
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 34415

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

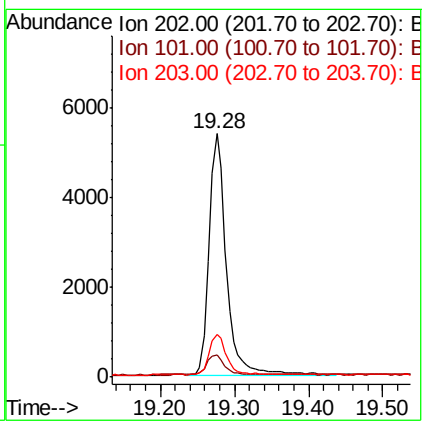


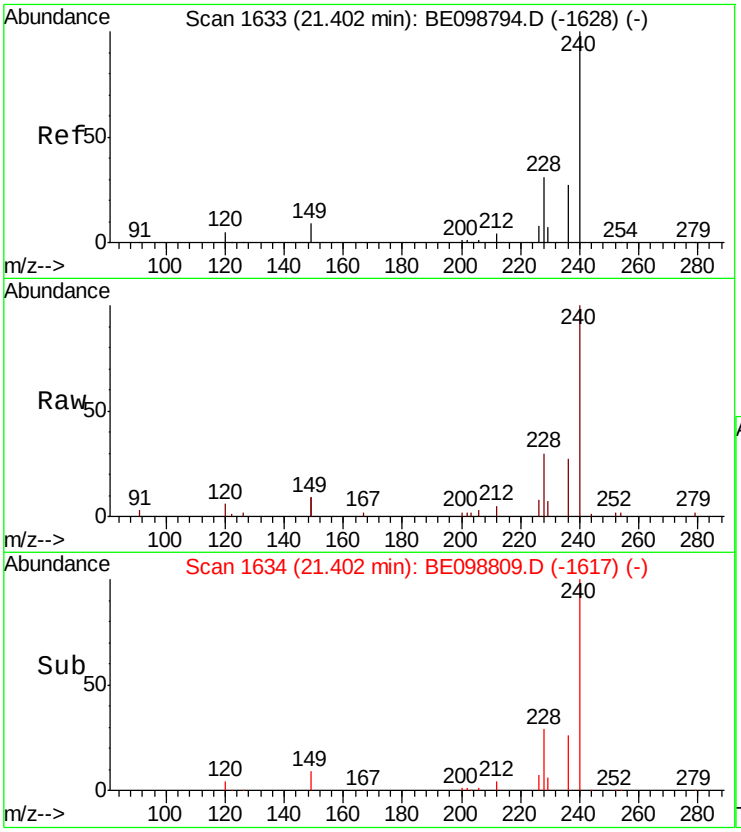


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:202 Resp: 8677

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.3	10.9
203	16.9	13.4	20.2



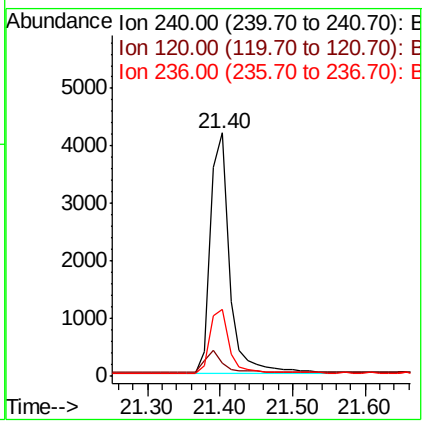


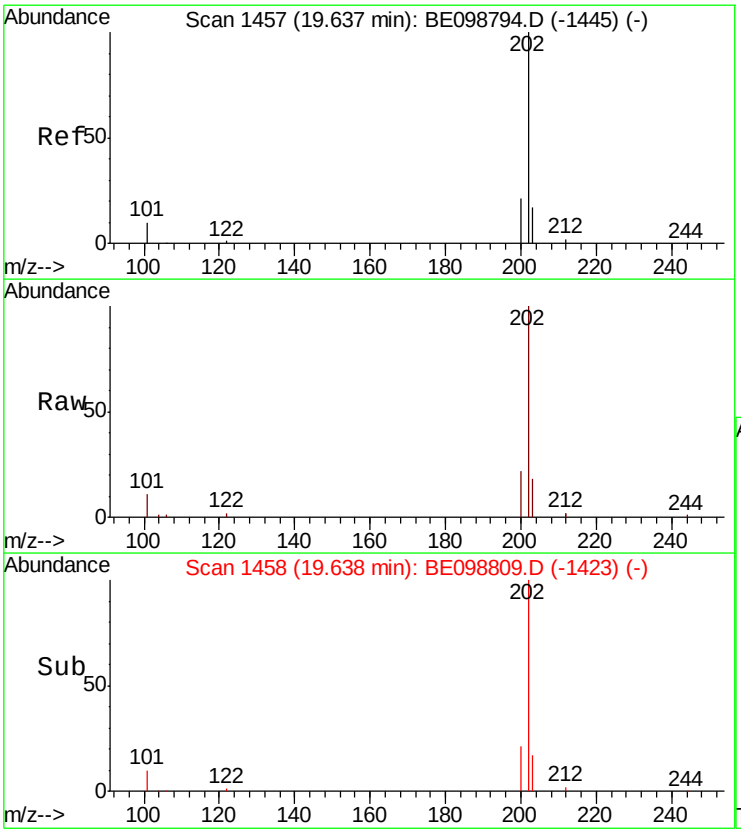
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7802

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.4
236	27.5	22.7	34.1

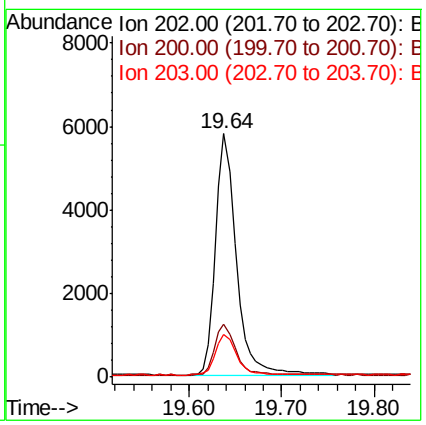


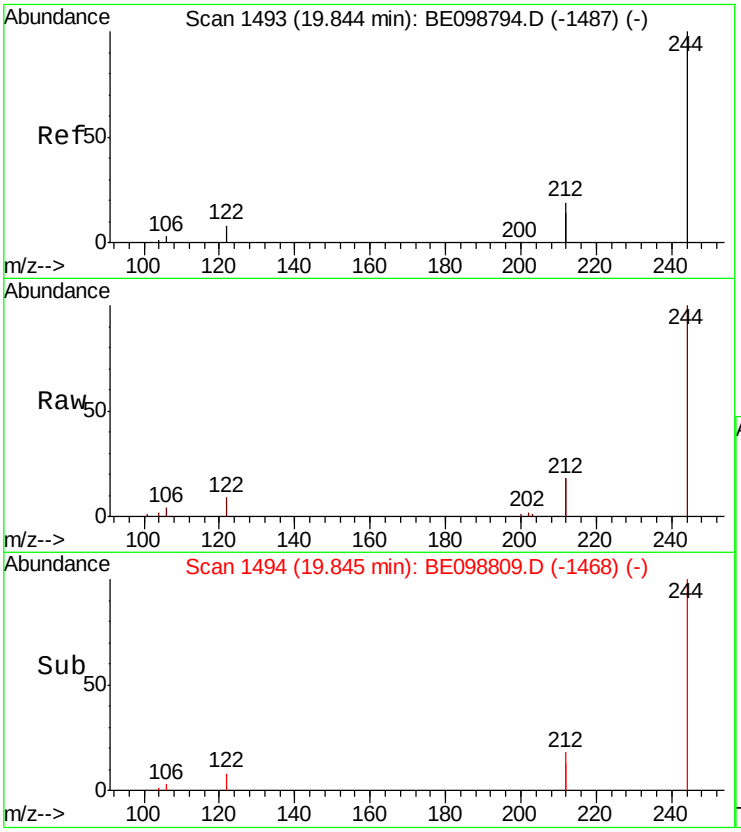


#28
Pyrene
Concen: 0.376 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:202 Resp: 8982

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.8	14.2	21.2



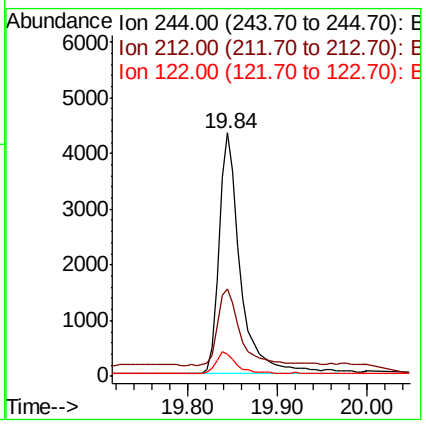


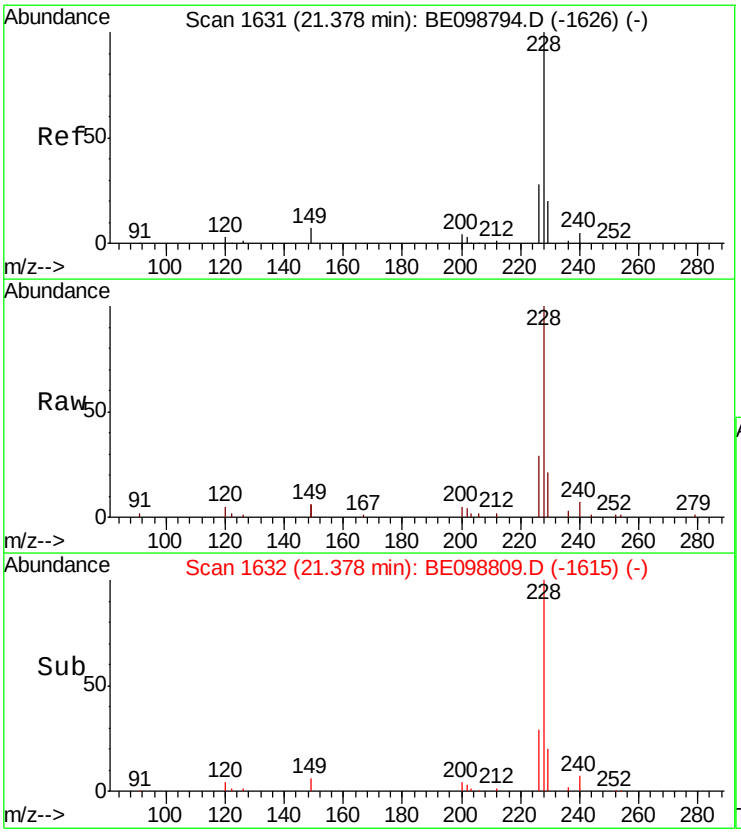
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.84 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7161

Ion	Ratio	Lower	Upper
244	100		
212	35.7	29.4	44.2
122	9.1	7.1	10.7

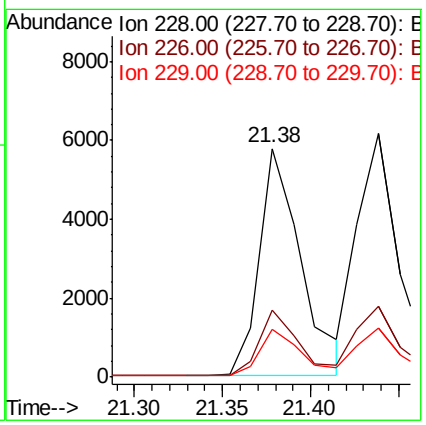


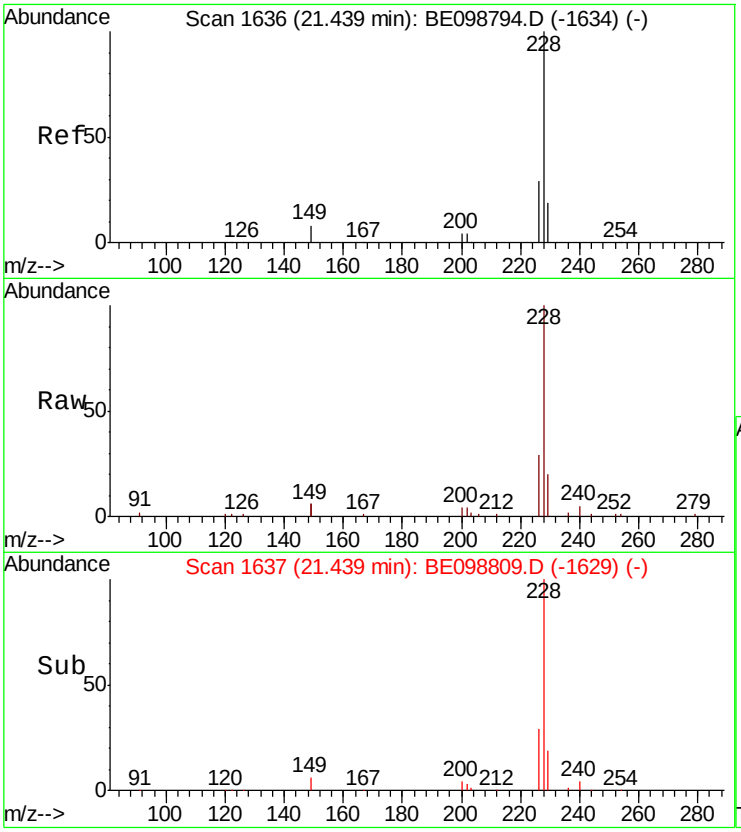


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.38 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:228 Resp: 9382

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	20.7	16.5	24.7



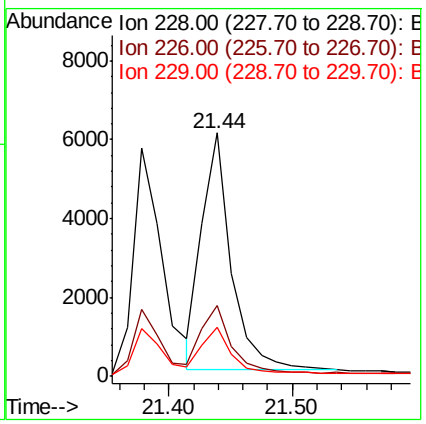


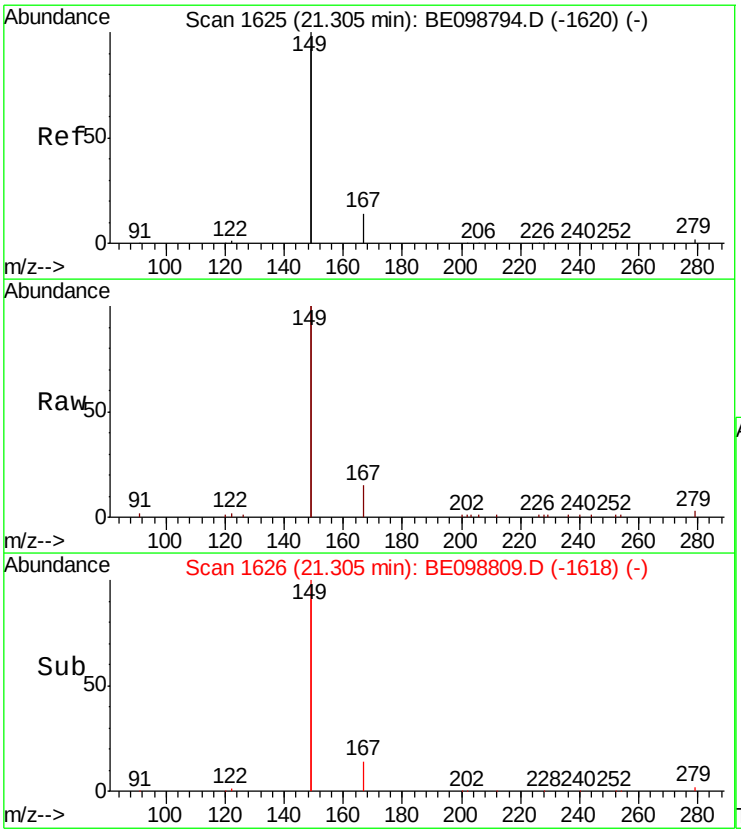
#31
Chrysene
Concen: 0.383 ng
RT: 21.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 9985

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	19.9	16.1	24.1

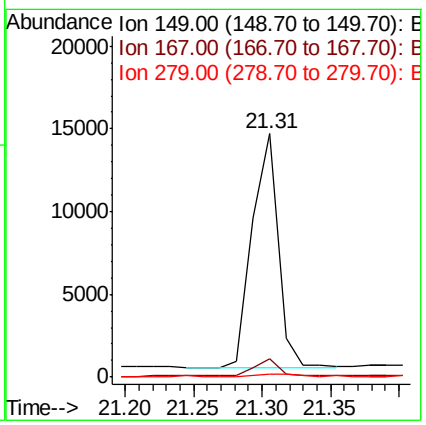


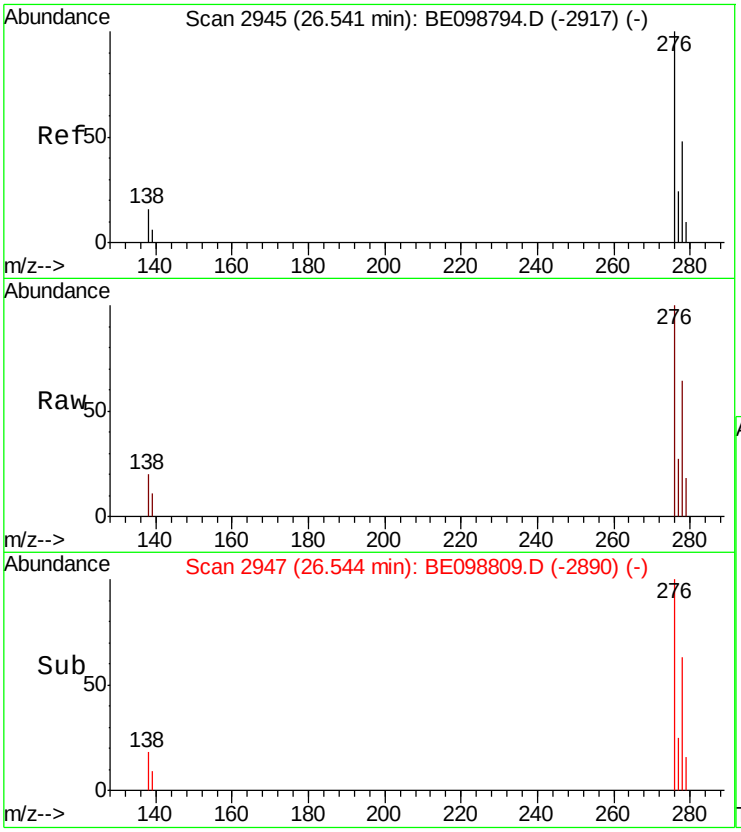


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.31 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:149 Resp: 18763

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.3	1.0	1.4



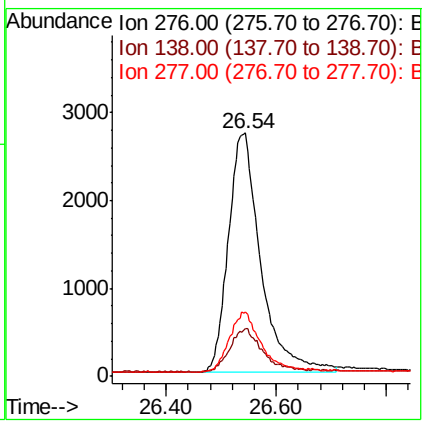


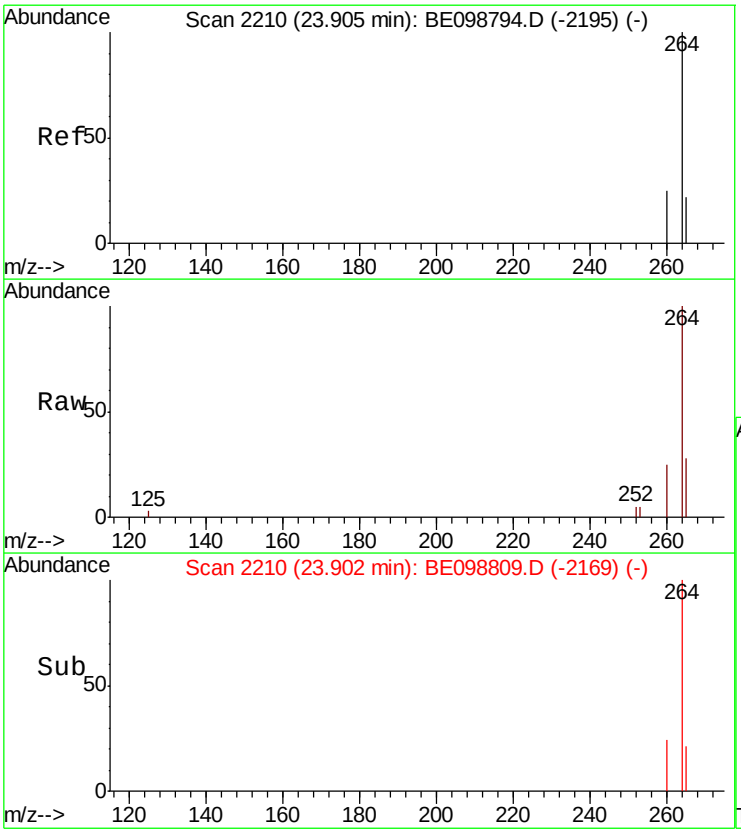
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.54 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11137

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.8	20.8
277	23.9	19.5	29.3

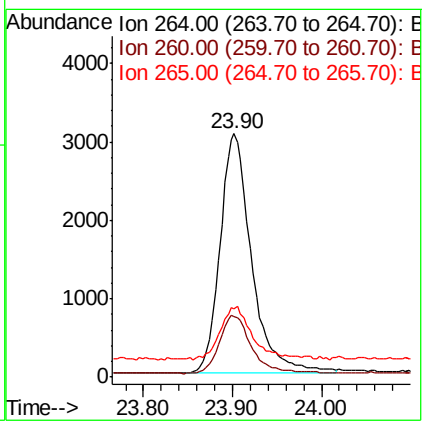


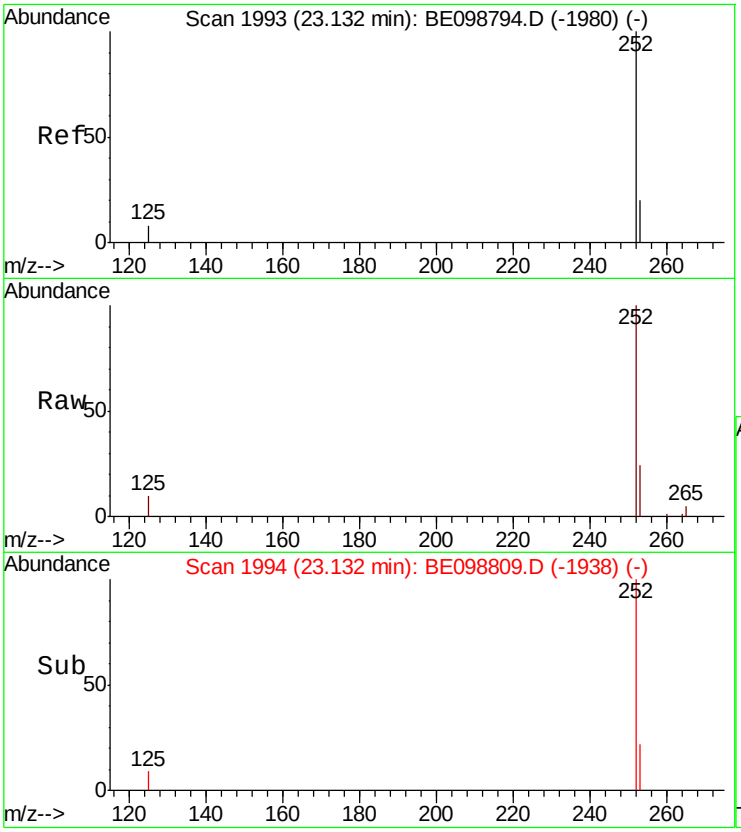


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:264 Resp: 7550

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	28.1	24.6	36.8



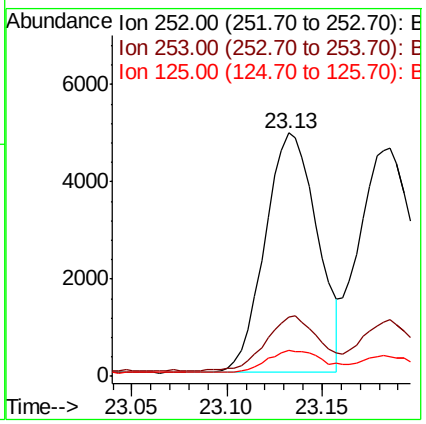


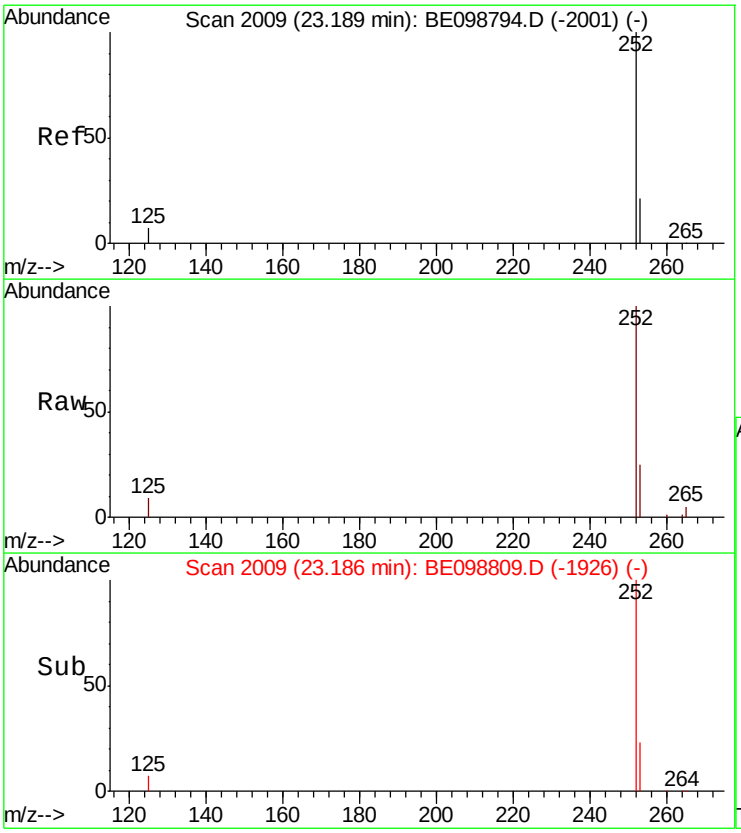
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.13 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9446

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	10.5	7.3	10.9

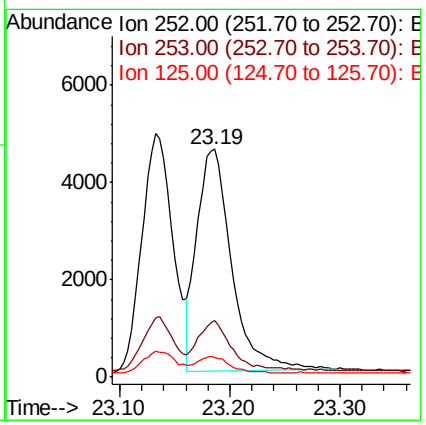


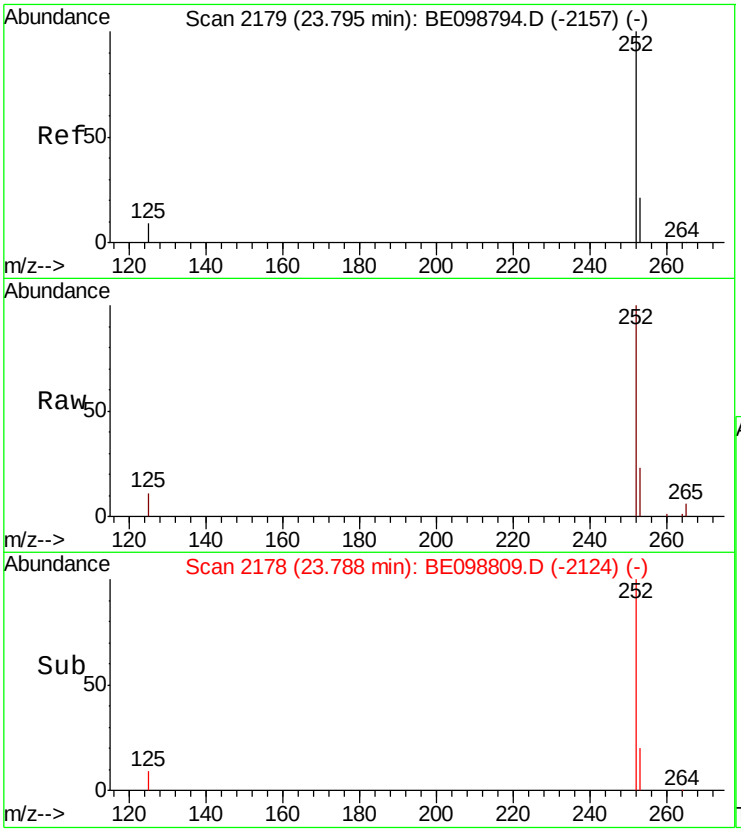


#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:252 Resp: 9991

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	8.6	7.5	11.3



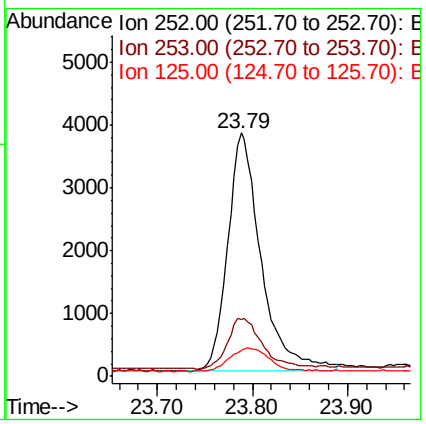


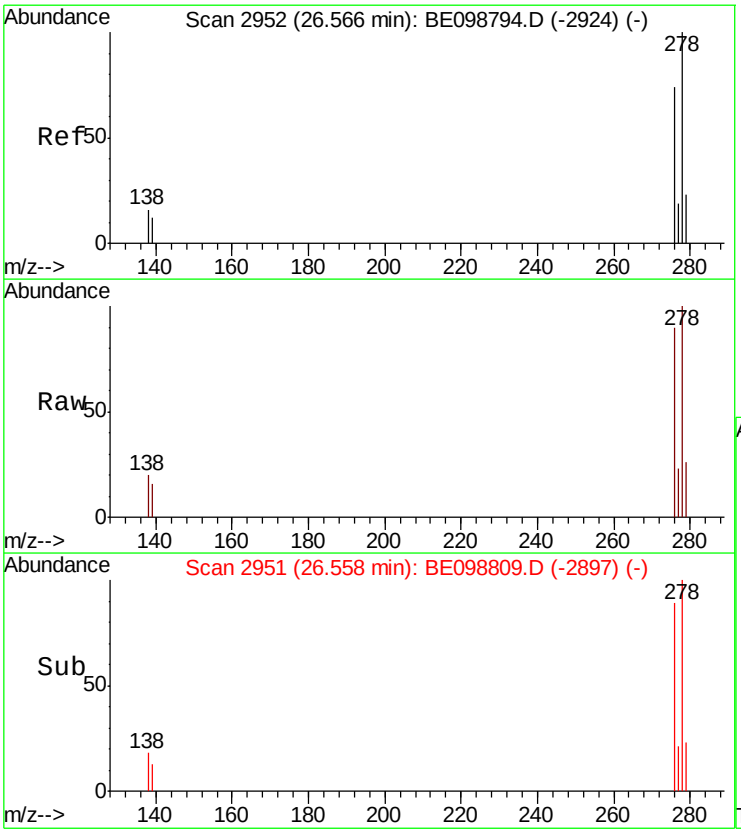
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9203

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.9	29.9
125	10.7	9.0	13.4

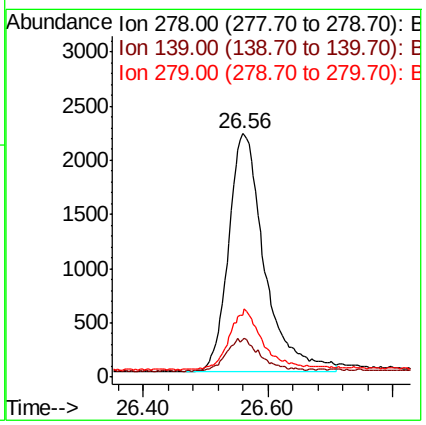


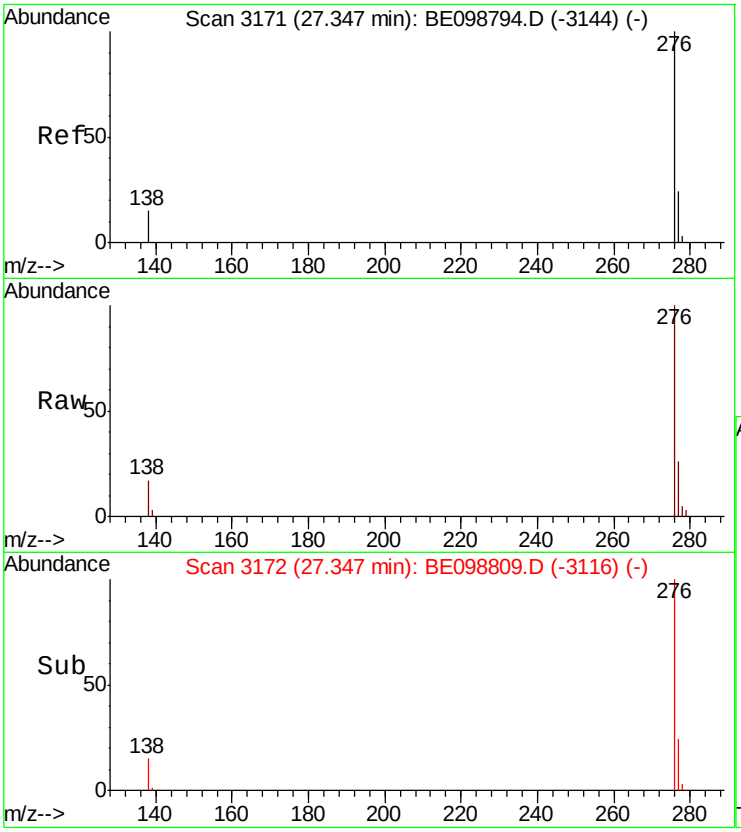


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Tgt Ion:278 Resp: 8809

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.8	17.6
279	25.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 27.35 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BE098809.D
Acq: 6 Mar 2019 21:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9151

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.4	30.6
138	16.9	13.6	20.4