Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098948.D
Acq On : 14 Mar 2019 18:02
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 15 05:32:05 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	759	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3424	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2290	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5499	0.40	ng		0.00
27) Chrysene-d12	21.40	240	6095	0.40	ng		0.00
34) Perylene-d12	23.90	264	6041	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	757	0.33	ng		0.02
5) Phenol-d6	7.00	99	1119	0.35	ng		0.01
8) Nitrobenzene-d5	8.98	82	1070	0.30	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	2471	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	312	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3671	0.39	ng		0.00
25) Fluoranthene-d10	19.24	212	29818	0.34	ng		0.00
29) Terphenyl-d14	19.85	244	5604	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	569	0.383	ng		98
3) n-Nitrosodimethylamine	3.67	42	285	0.149	ng	#	86
6) bis(2-Chloroethyl)ether	7.24	93	703	0.284	ng		85
9) Naphthalene	10.64	128	15303	0.390	ng		100
10) Hexachlorobutadiene	10.91	225	993	0.383	ng		99
12) 2-Methylnaphthalene	12.27	142	2259	0.355	ng		88
16) Acenaphthylene	14.18	152	4454	0.378	ng		97
17) Acenaphthene	14.51	154	2685	0.384	ng		99
18) Fluorene	15.50	166	3651	0.362	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1042	0.350	ng	#	82
21) Hexachlorobenzene	16.52	284	1402	0.396	ng		99
22) Pentachlorophenol	16.92	266	104	0.351	ng		91
23) Phenanthrene	17.25	178	5749	0.368	ng		99
24) Anthracene	17.35	178	4225	0.316	ng		99
26) Fluoranthene	19.28	202	7461	0.338	ng		99
28) Pyrene	19.64	202	7536	0.404	ng		100
30) Benzo(a)anthracene	21.38	228	6794	0.357	ng		99
31) Chrysene	21.44	228	7745	0.381	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	12145	0.300	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7583	0.353	ng	#	89
35) Benzo(b)fluoranthene	23.18	252	8137	0.410	ng		97
36) Benzo(k)fluoranthene	23.18	252	8566	0.412	ng		99
37) Benzo(a)pyrene	23.79	252	7096	0.373	ng	#	90
38) Dibenzo(a,h)anthracene	26.57	278	5484	0.304	ng		98
39) Benzo(g,h,i)perylene	27.34	276	6465	0.343	ng		97

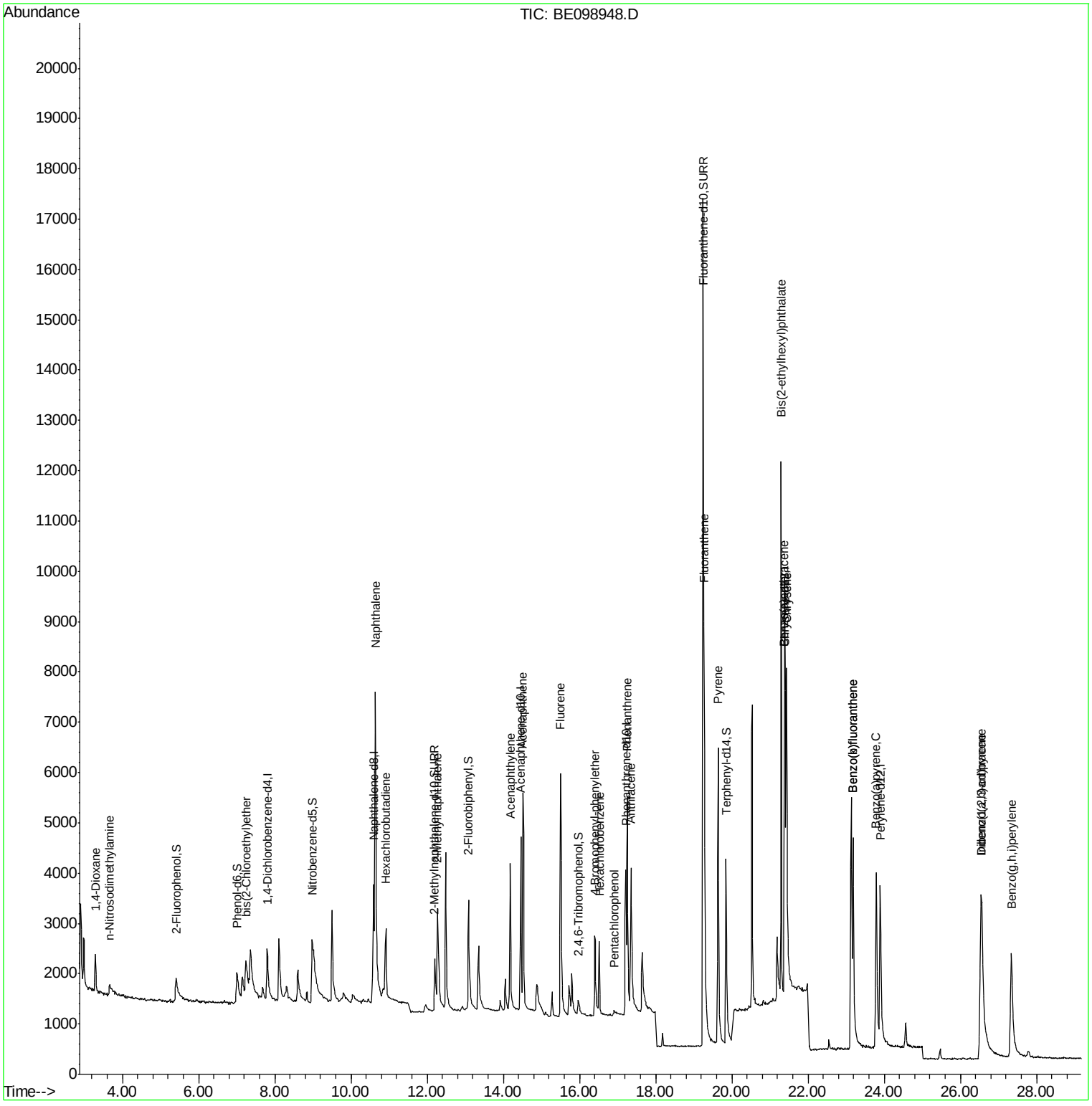
(#) = qualifier out of range (m) = manual integration (+) = signals summed

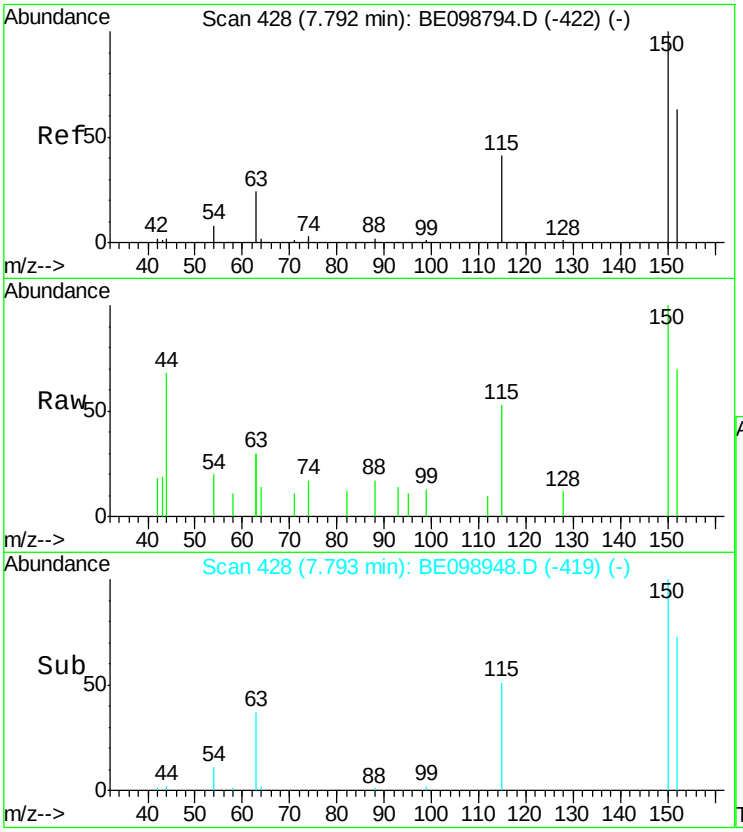
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098948.D
Acq On : 14 Mar 2019 18:02
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 15 05:32:05 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



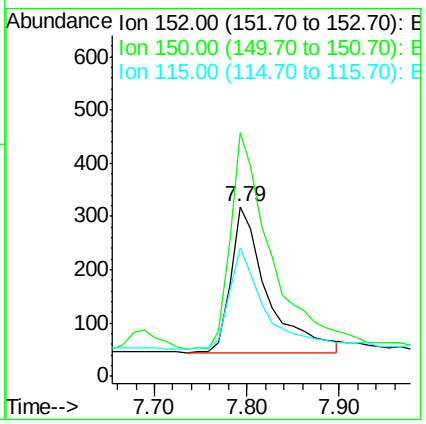


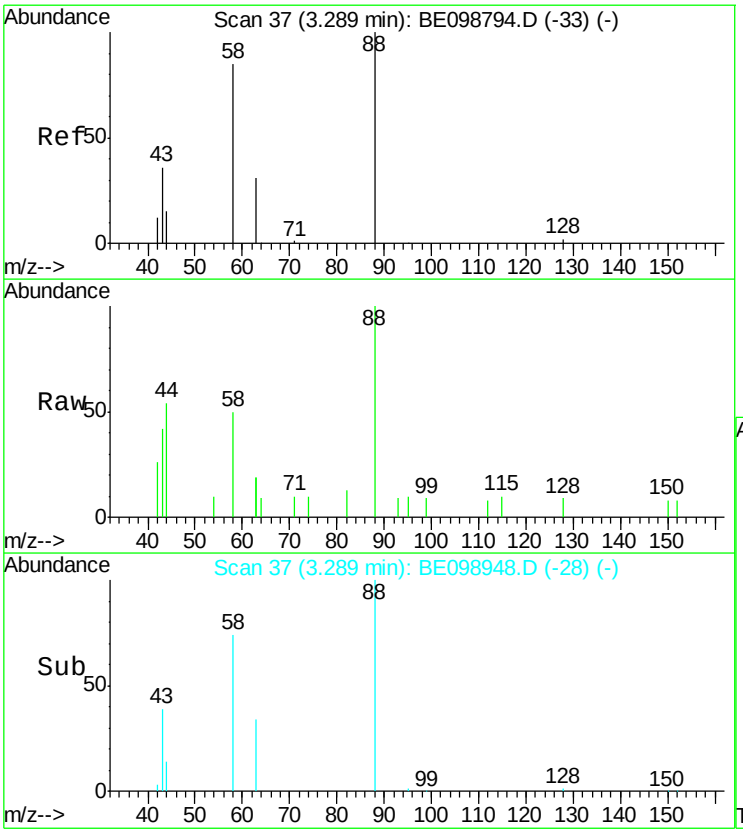
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 759

Ion	Ratio	Lower	Upper
152	100		
150	143.7	122.5	183.7
115	76.1	57.4	86.2

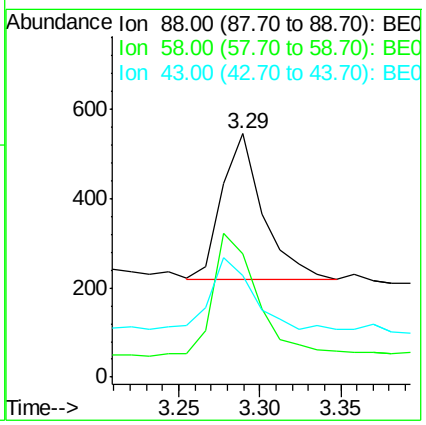


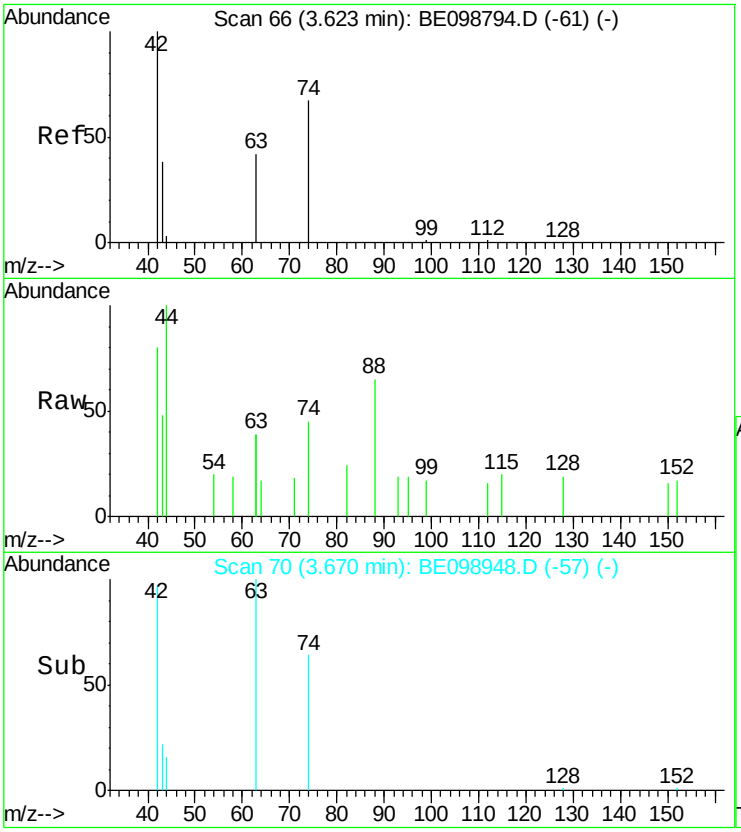


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion: 88 Resp: 569

Ion	Ratio	Lower	Upper
88	100		
58	91.9	75.8	113.6
43	52.0	41.8	62.8



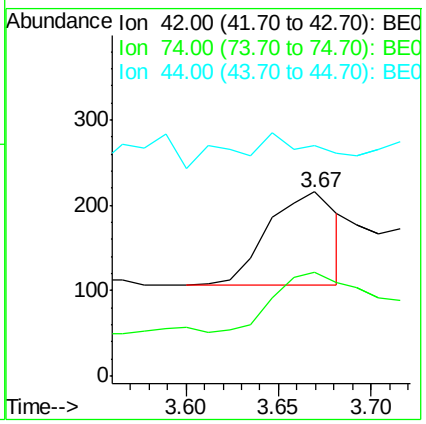


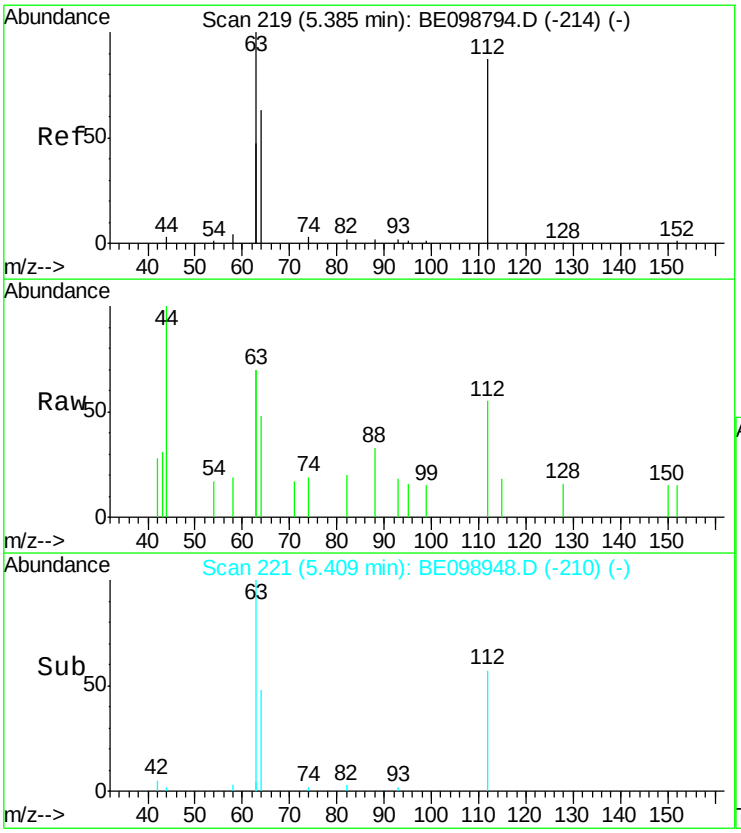
#3
n-Nitrosodimethylamine
Concen: 0.149 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.05 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 285

Ion	Ratio	Lower	Upper
42	100		
74	59.3	57.0	85.4
44	0.0	0.0	0.0

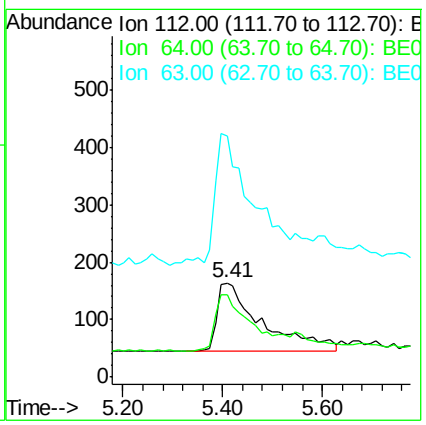


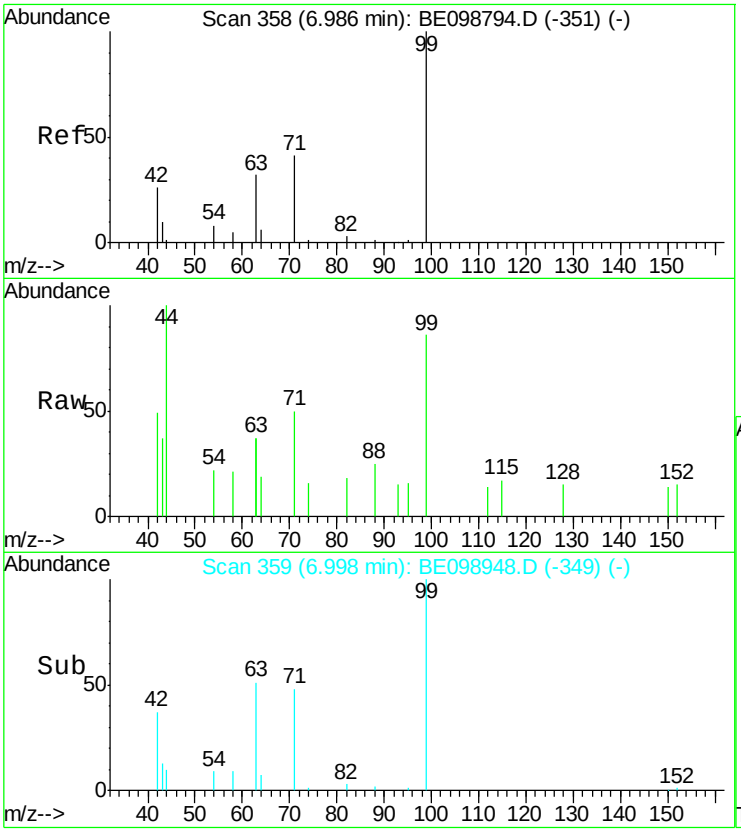


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:112 Resp: 757

Ion	Ratio	Lower	Upper
112	100		
64	62.5	57.9	86.9
63	172.9	158.3	237.5



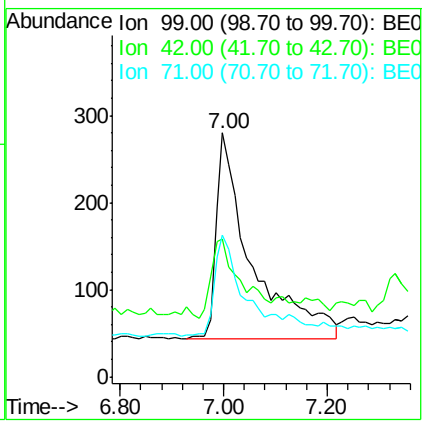


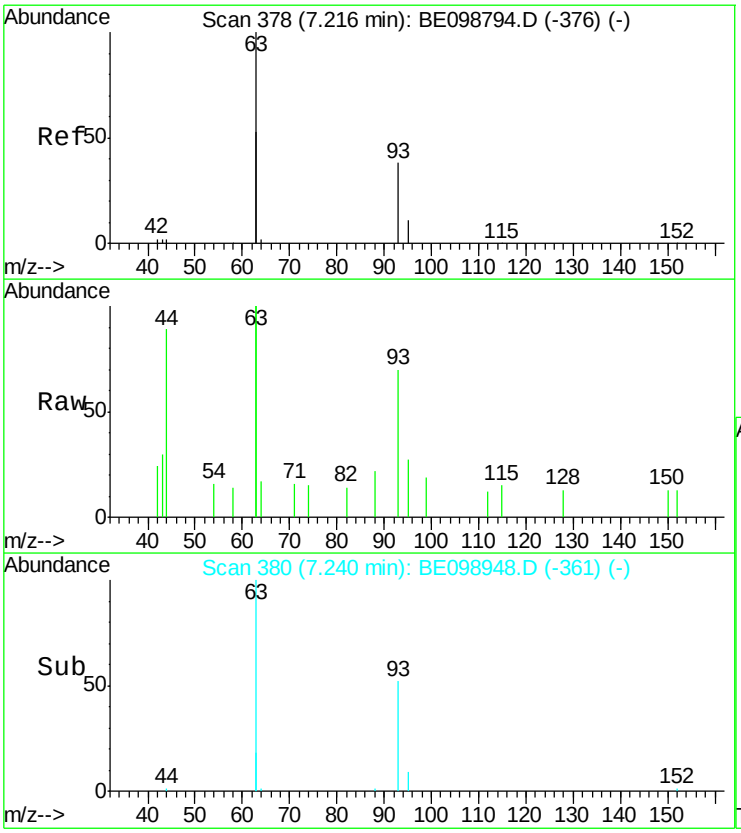
#5
Phenol-d6
Concen: 0.349 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1119

Ion	Ratio	Lower	Upper
99	100		
42	32.8	24.2	36.2
71	39.0	35.7	53.5

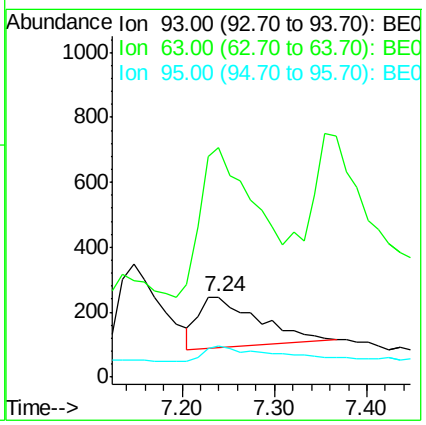


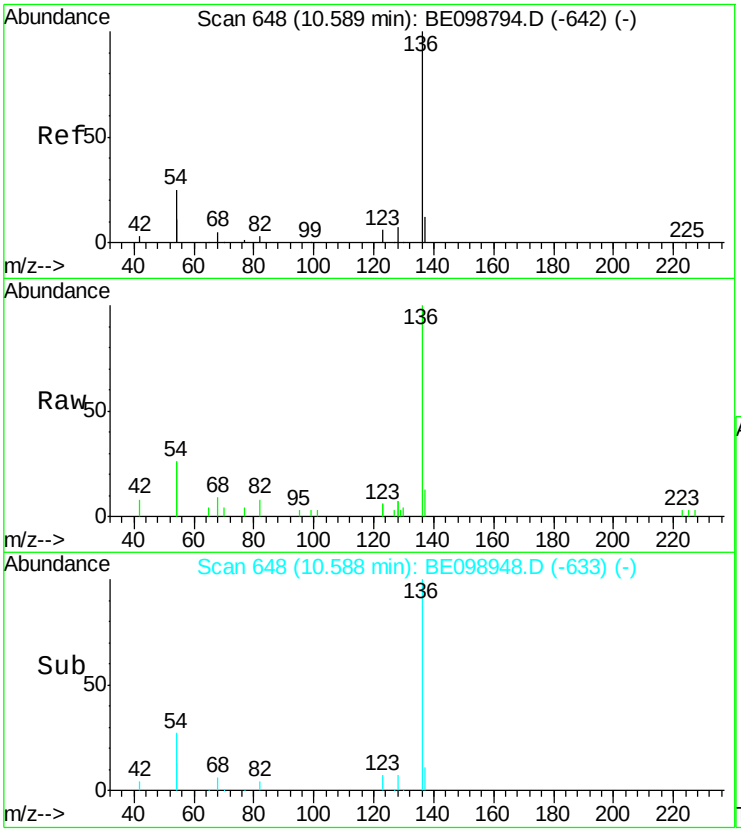


#6
bis(2-Chloroethyl)ether
Concen: 0.284 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion: 93 Resp: 703

Ion	Ratio	Lower	Upper
93	100		
63	278.0	247.5	371.3
95	32.4	21.8	32.8



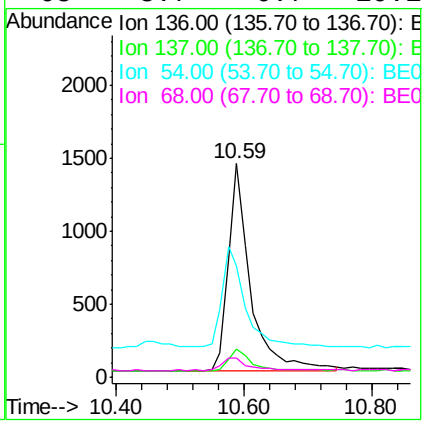


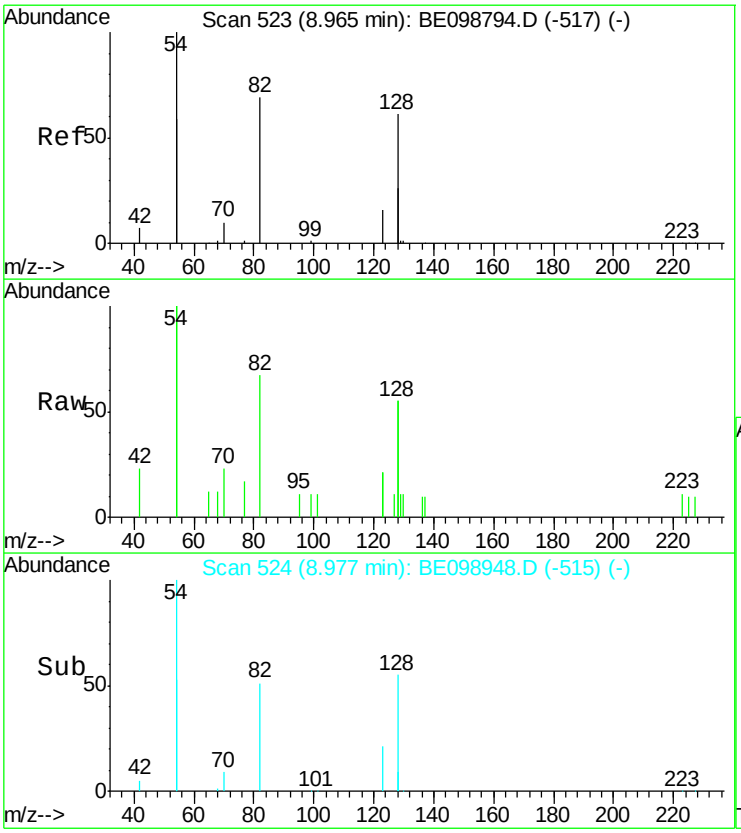
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3424

Ion	Ratio	Lower	Upper
136	100		
137	13.3	11.4	17.0
54	52.2	39.3	58.9
68	8.7	6.7	10.1

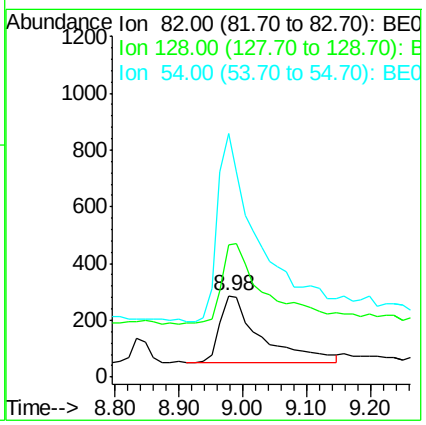


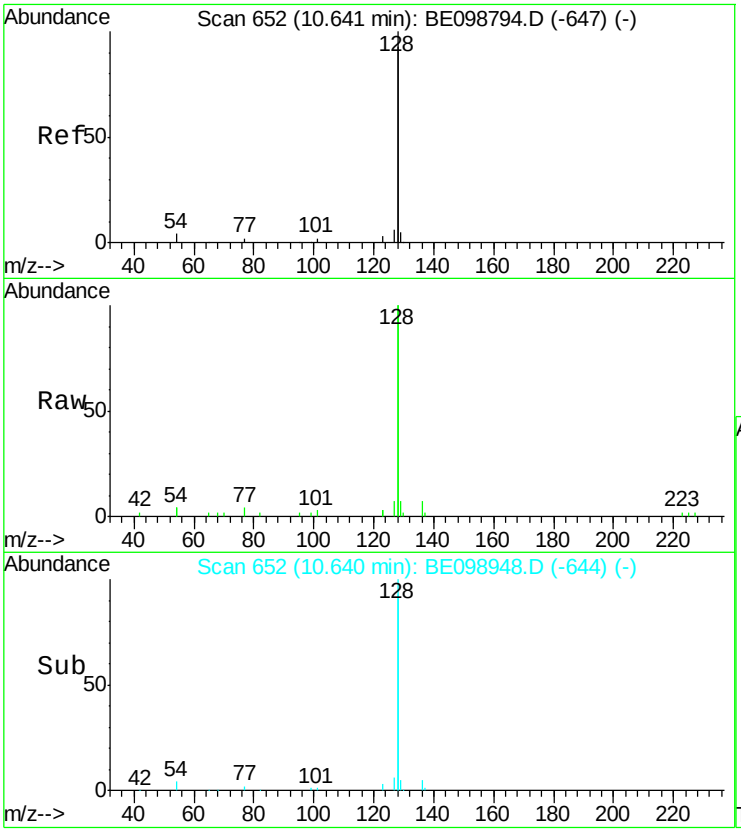


#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion: 82 Resp: 1070

Ion	Ratio	Lower	Upper
82	100		
128	163.6	123.8	185.8
54	300.0	203.4	305.2



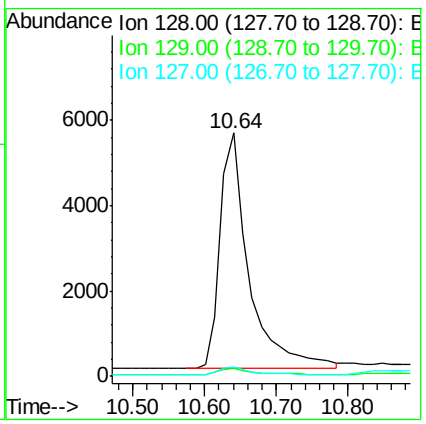


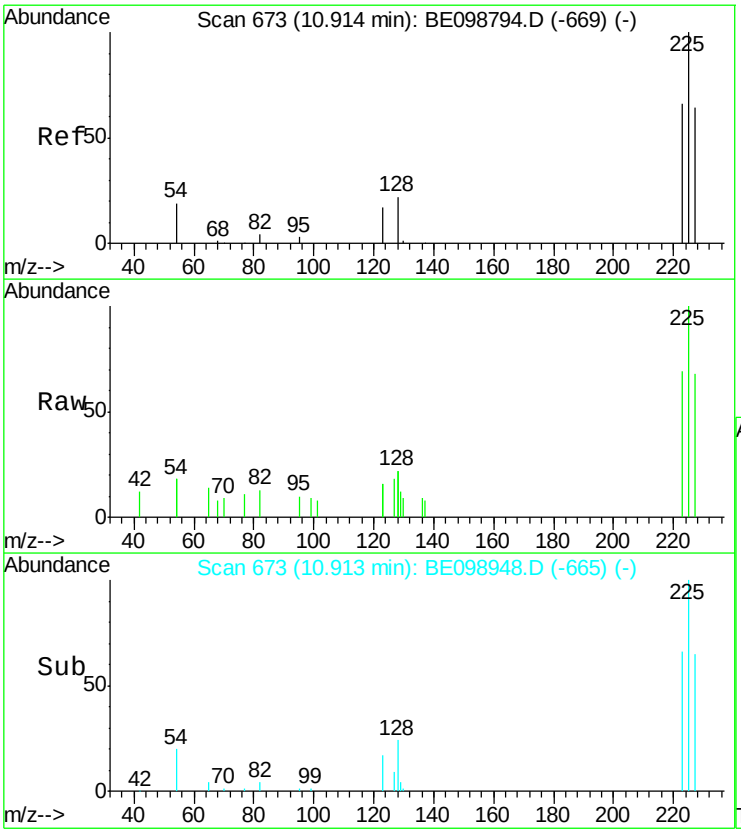
#9
Naphthalene
Concen: 0.390 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15303

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	3.7	3.1	4.7

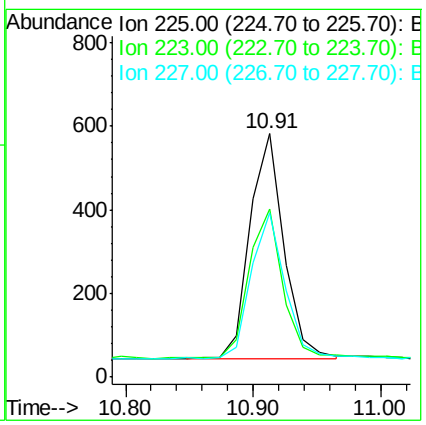


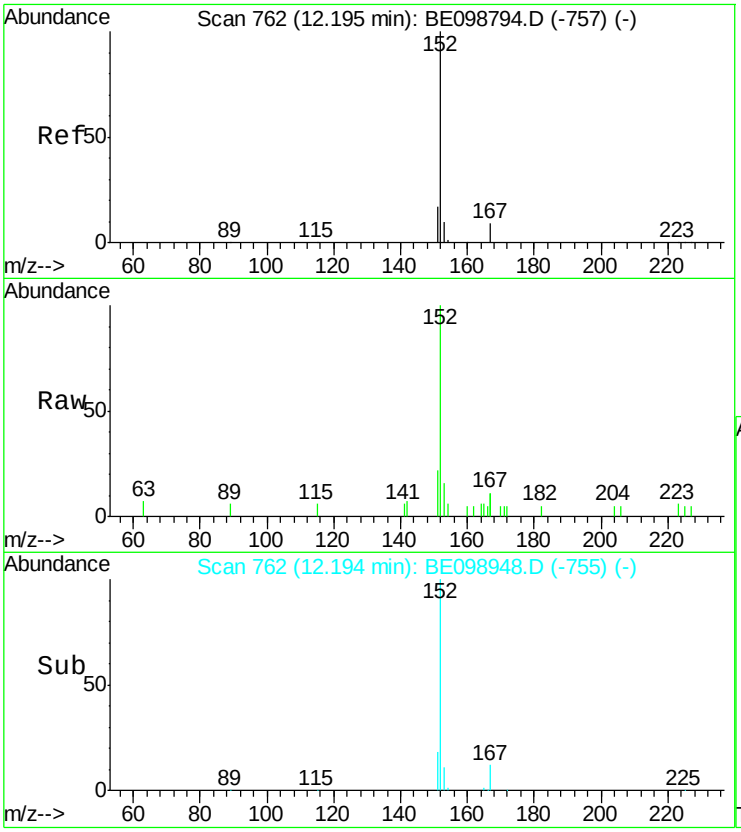


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:225 Resp: 993

Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.1	76.7
227	63.8	51.6	77.4



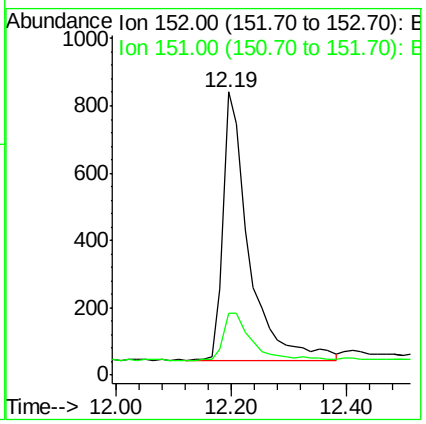


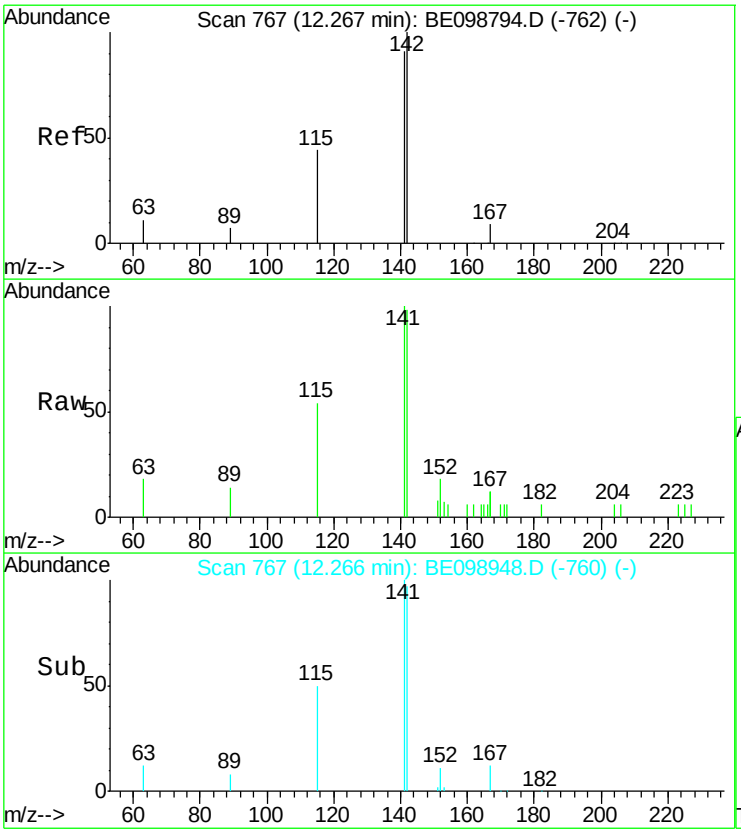
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2471

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

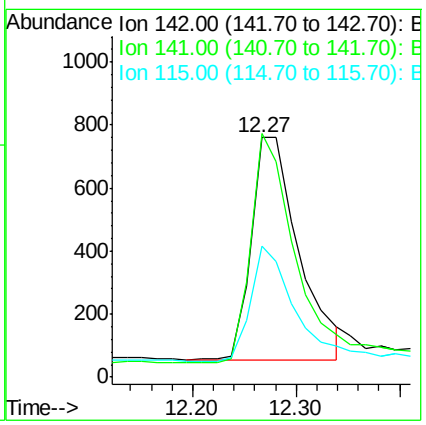


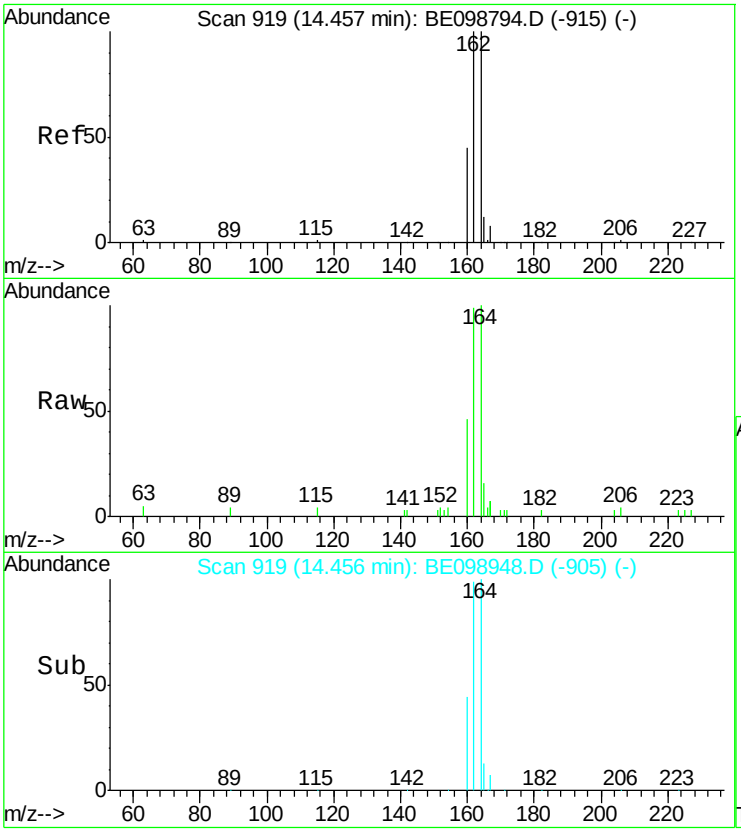


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:142 Resp: 2259

Ion	Ratio	Lower	Upper
142	100		
141	101.7	72.6	108.8
115	54.6	37.4	56.2



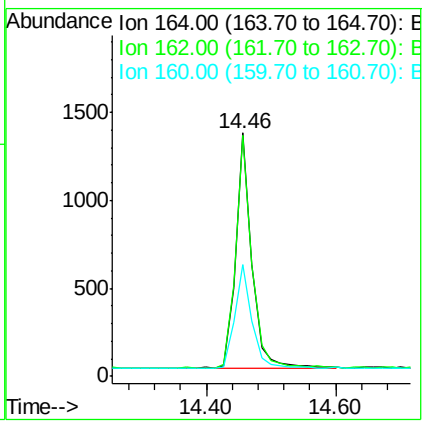


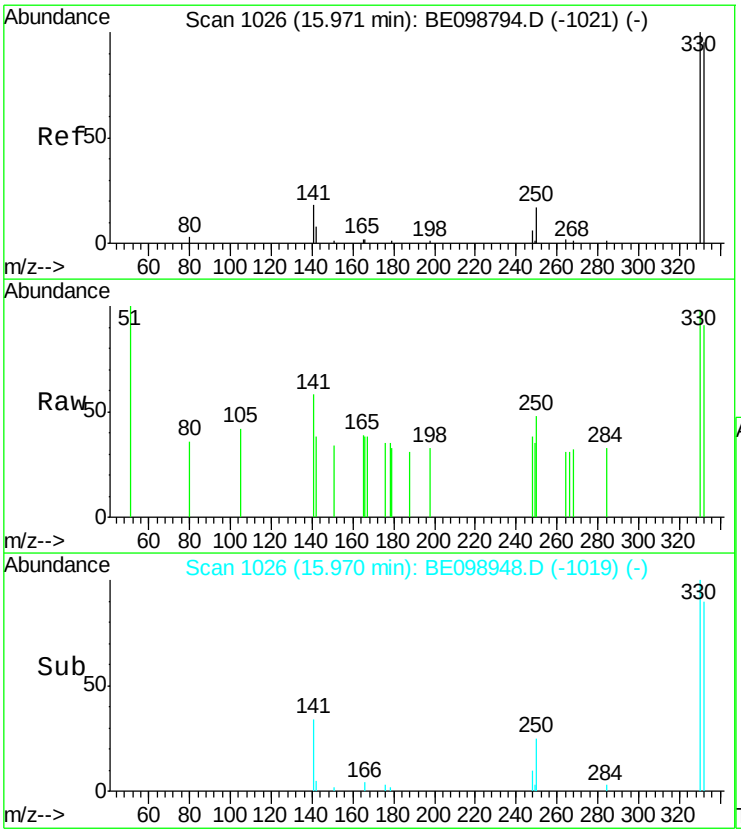
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2290

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.2	120.2
160	45.7	37.8	56.8

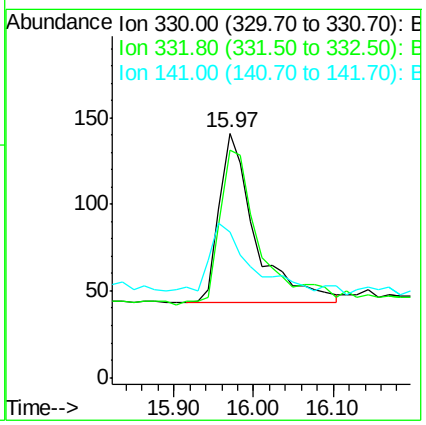


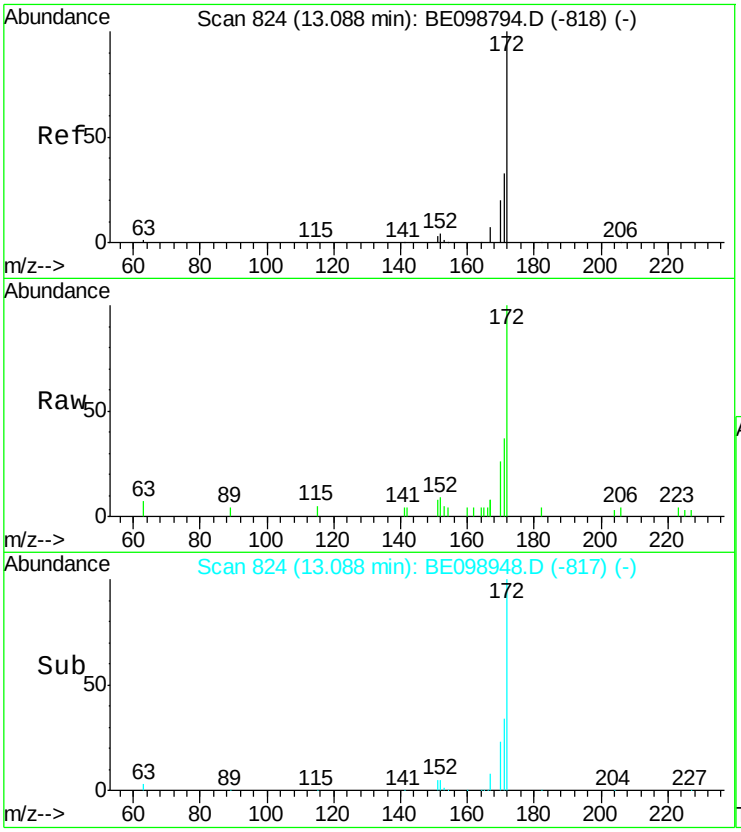


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:330 Resp: 312

Ion	Ratio	Lower	Upper
330	100		
332	110.3	77.6	116.4
141	43.3	31.0	46.4



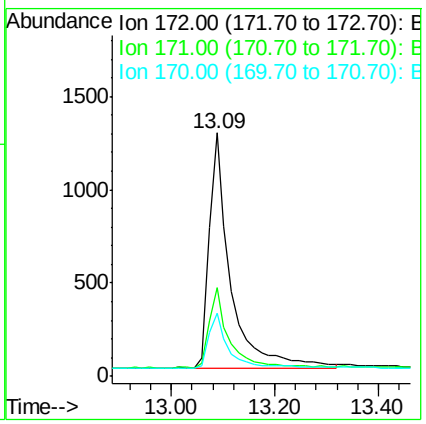


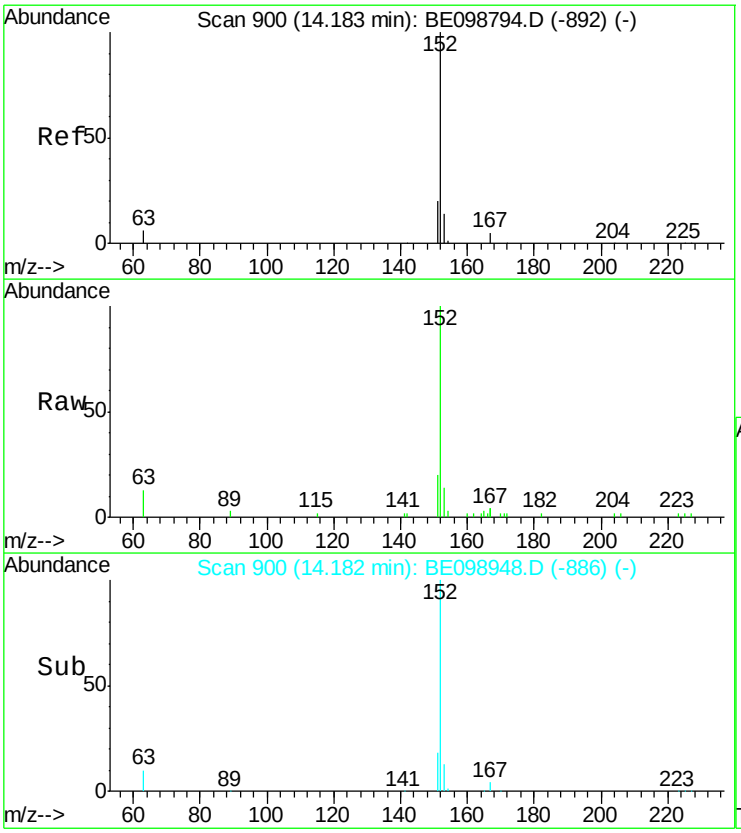
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3671

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.0	42.0
170	26.1	17.7	26.5

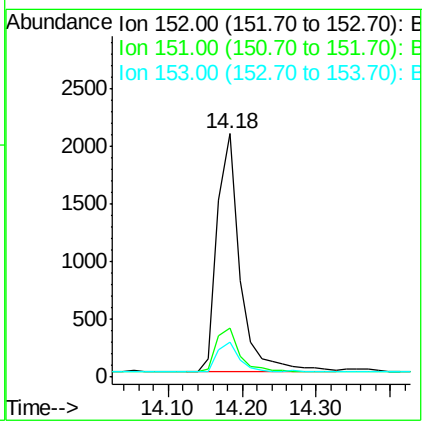


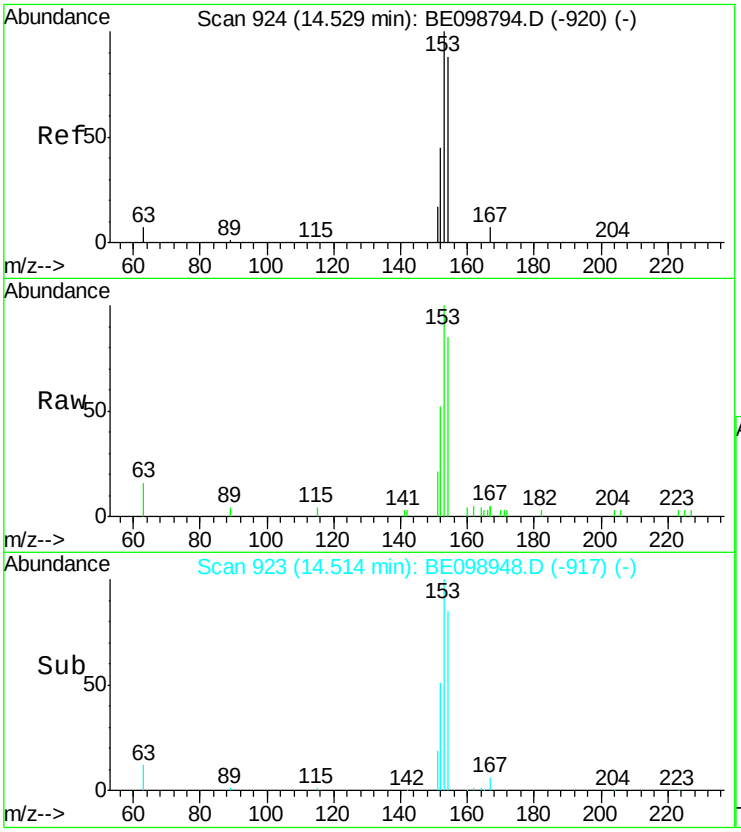


#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:152 Resp: 4454

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.0	25.6
153	13.0	11.2	16.8



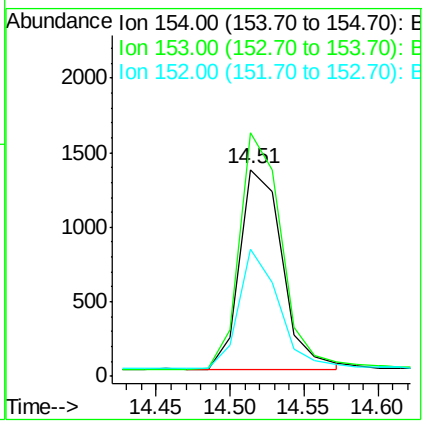


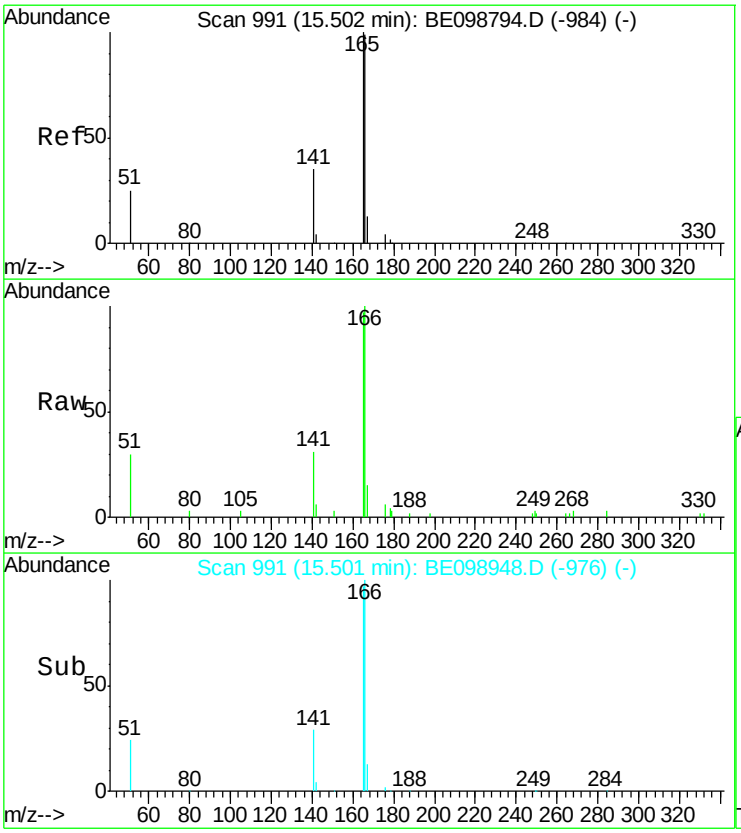
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2685

Ion	Ratio	Lower	Upper
154	100		
153	116.5	94.2	141.4
152	55.7	45.0	67.4

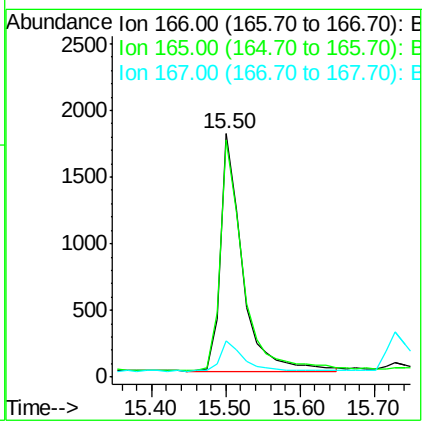


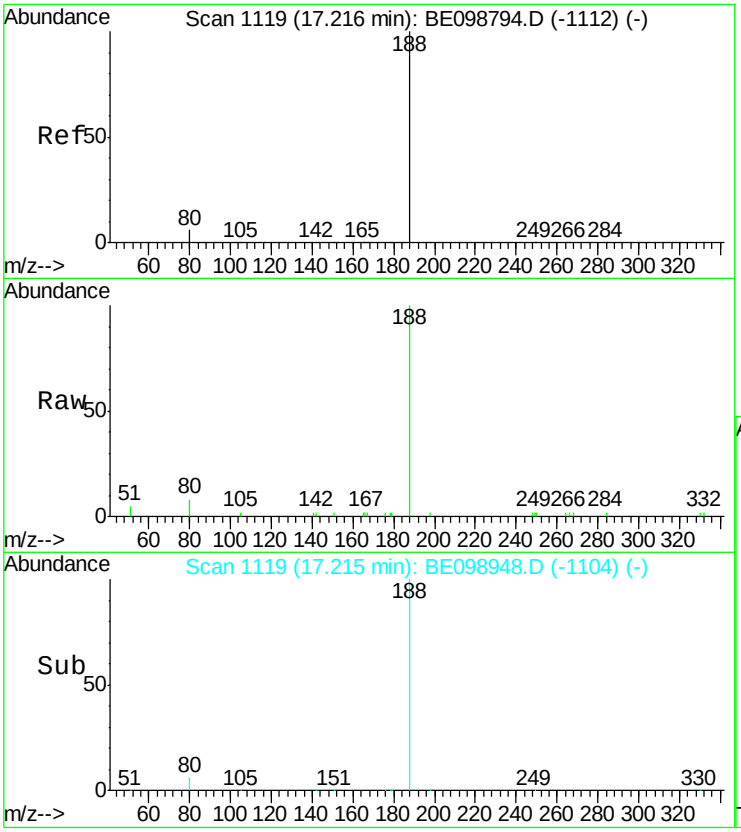


#18
Fluorene
Concen: 0.362 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:166 Resp: 3651

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.3	118.9
167	13.1	10.5	15.7



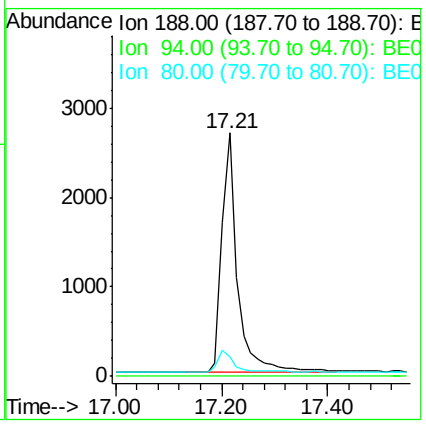


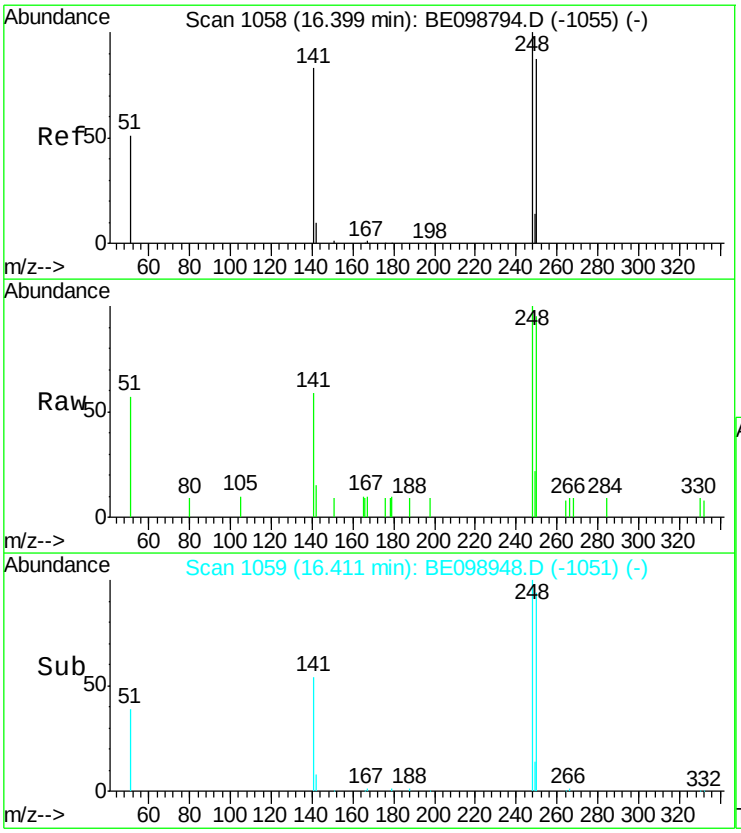
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5499

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

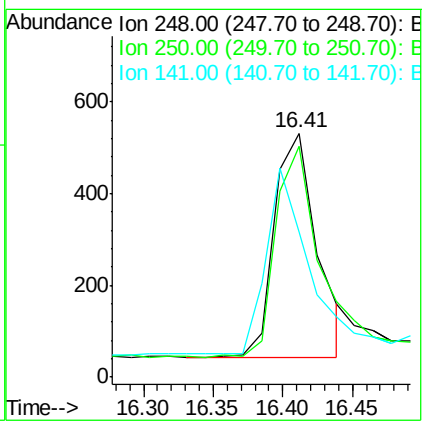


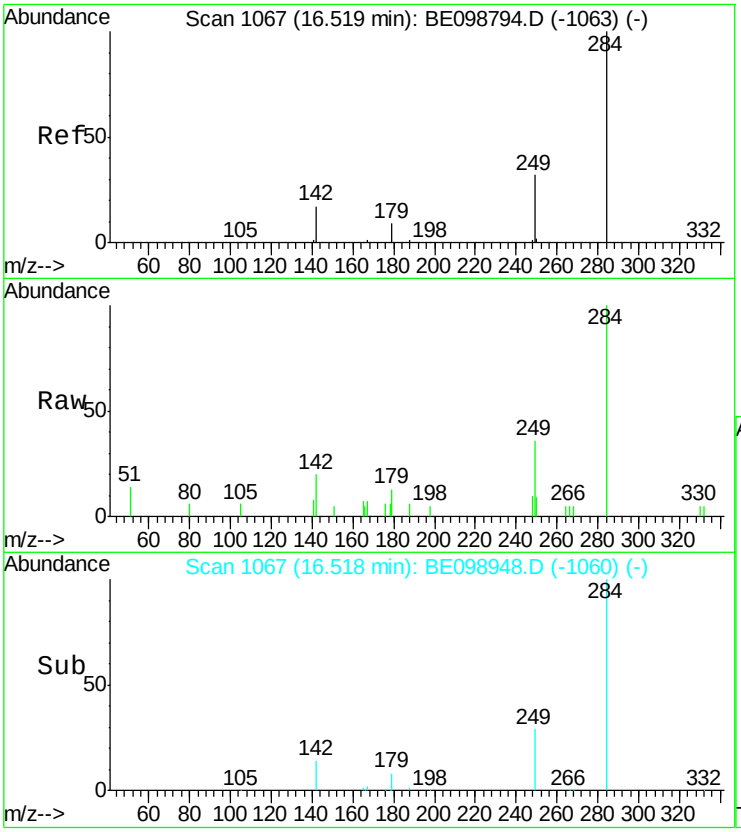


#20
4-Bromophenyl-phenylether
Concen: 0.350 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:248 Resp: 1042

Ion	Ratio	Lower	Upper
248	100		
250	94.5	70.6	105.8
141	59.3	68.6	102.8#



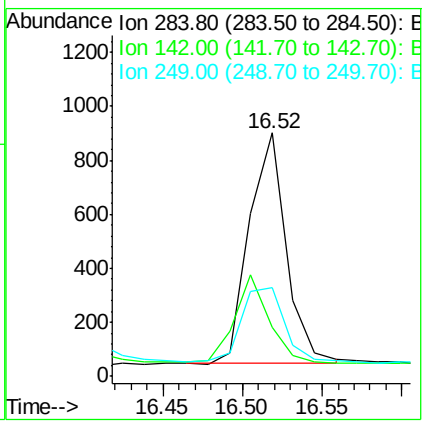


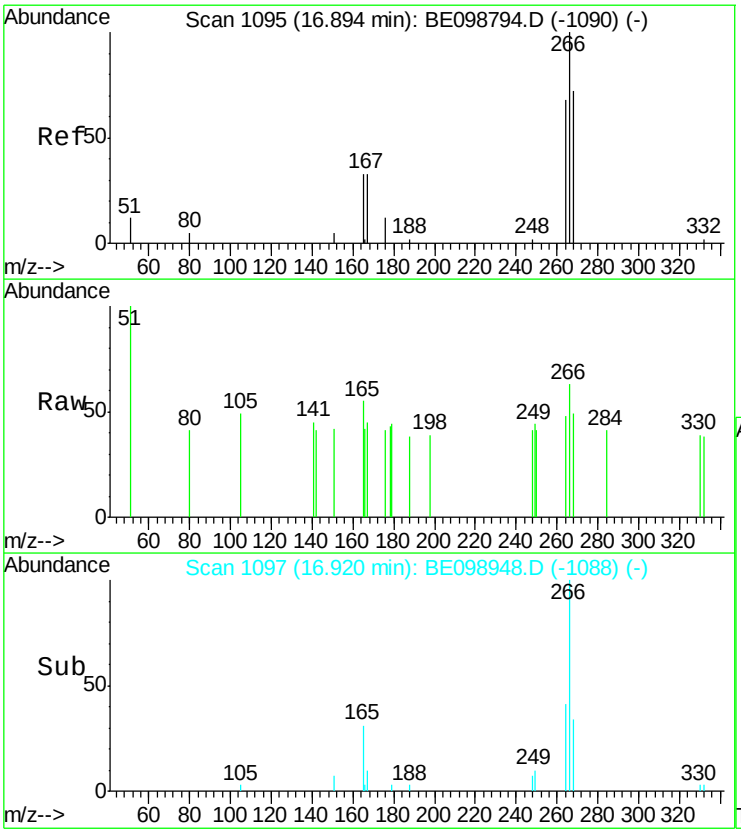
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1402

Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.7	43.1
249	35.9	29.6	44.4

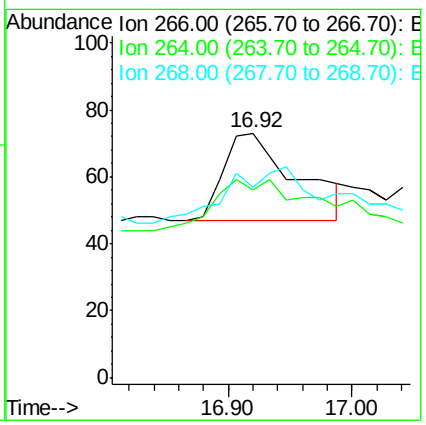


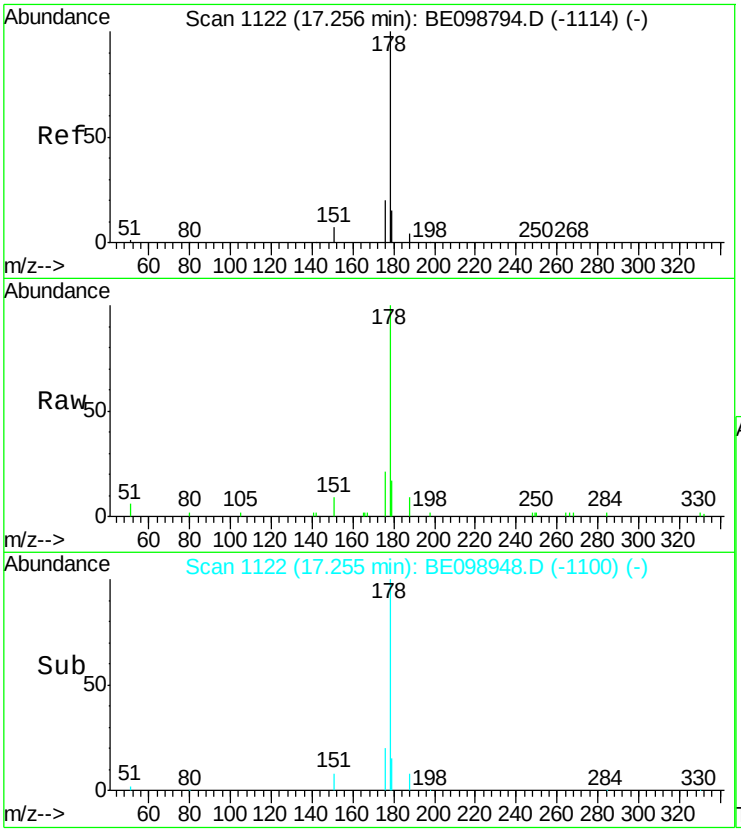


#22
Pentachlorophenol
Concen: 0.351 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:266 Resp: 104

Ion	Ratio	Lower	Upper
266	100		
264	76.7	66.6	100.0
268	78.1	69.8	104.8



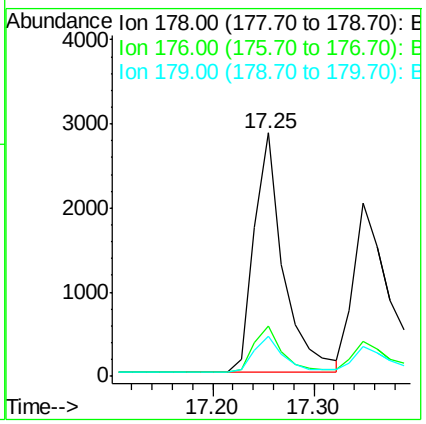


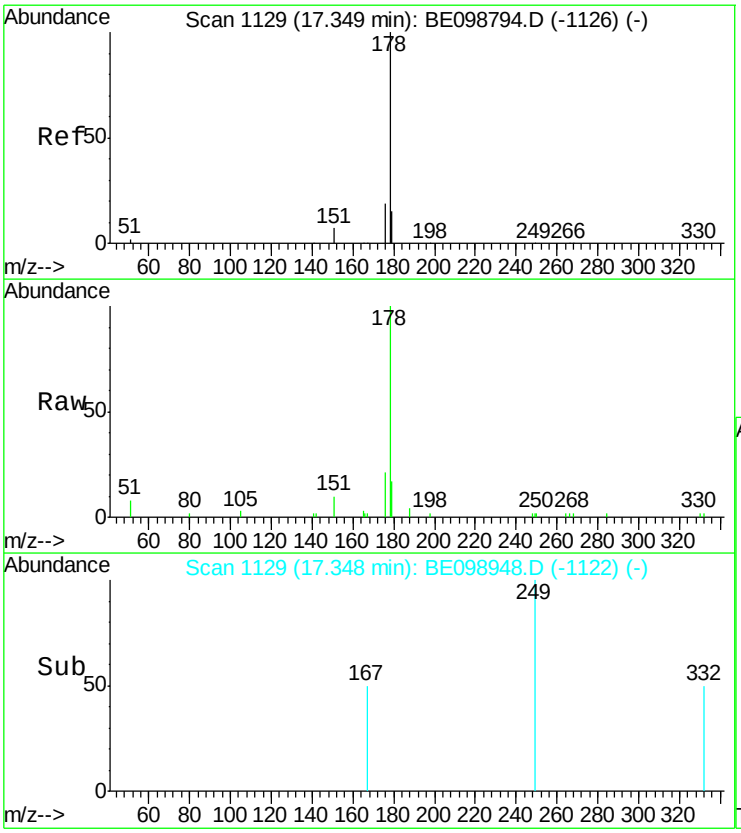
#23
Phenanthrene
Concen: 0.368 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5749

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.5	12.1	18.1

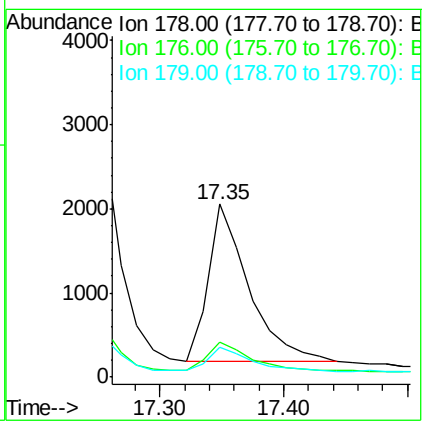


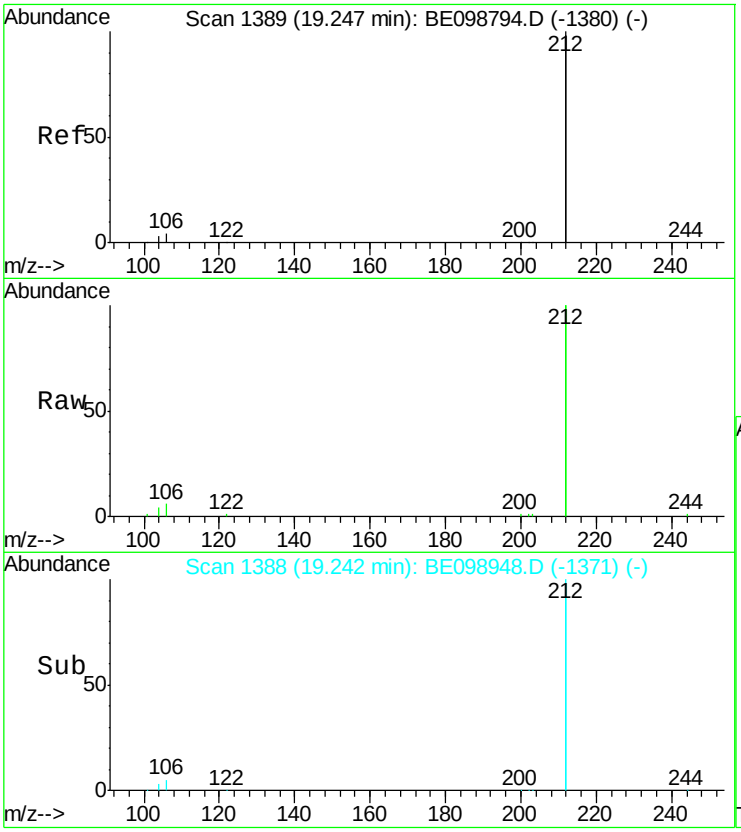


#24
Anthracene
Concen: 0.316 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:178 Resp: 4225

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.2	18.4



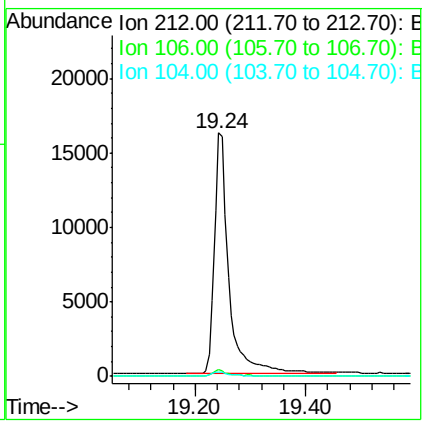


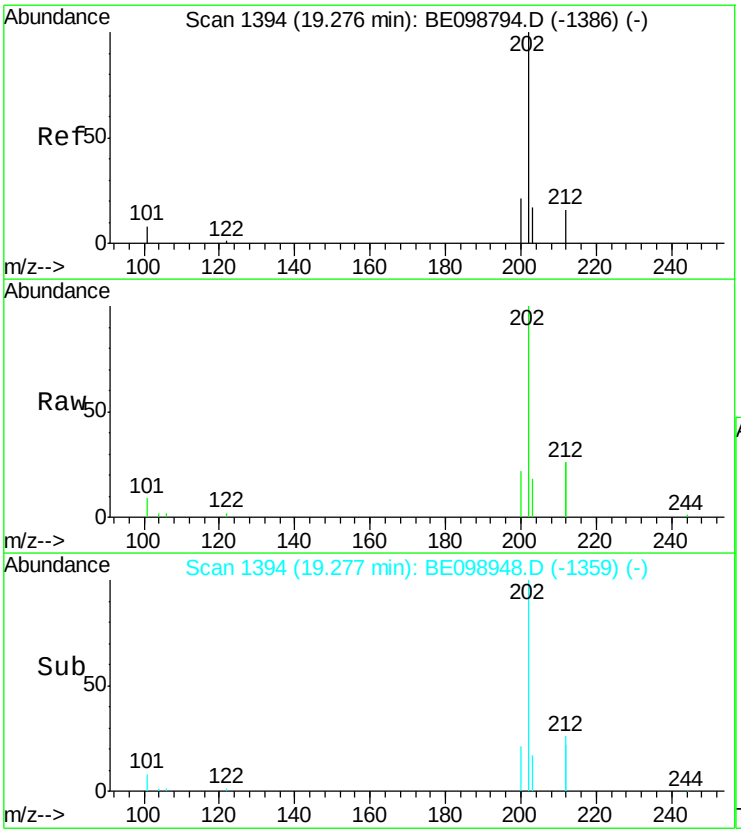
#25
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 29818

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.0	1.6

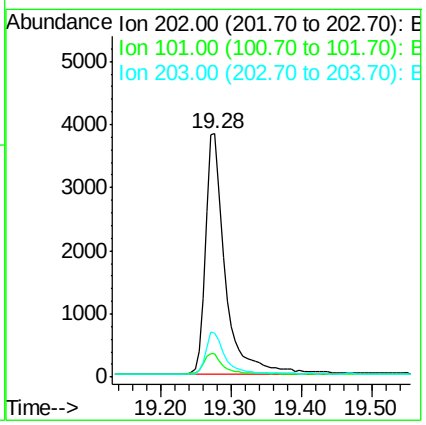


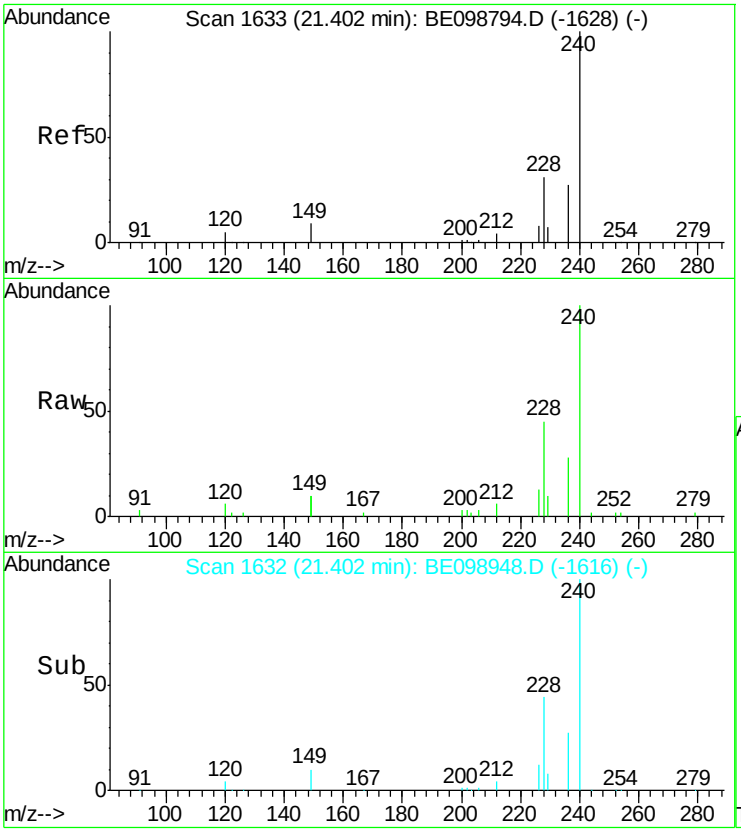


#26
Fluoranthene
Concen: 0.338 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:202 Resp: 7461

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.0	13.4	20.2



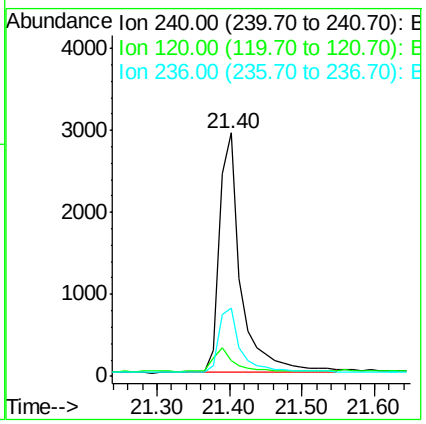


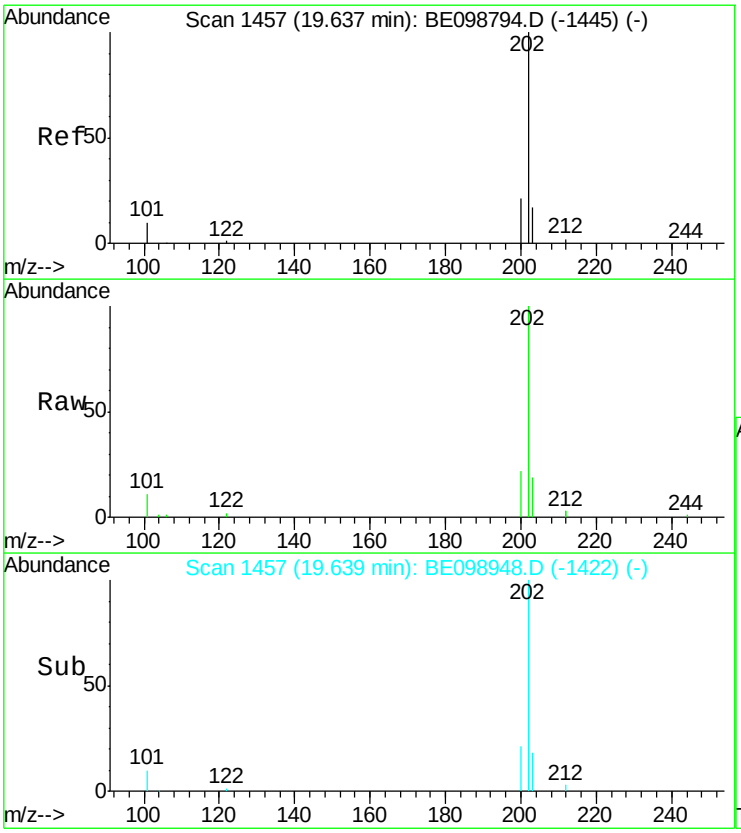
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6095

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.0	7.4
236	28.1	22.7	34.1

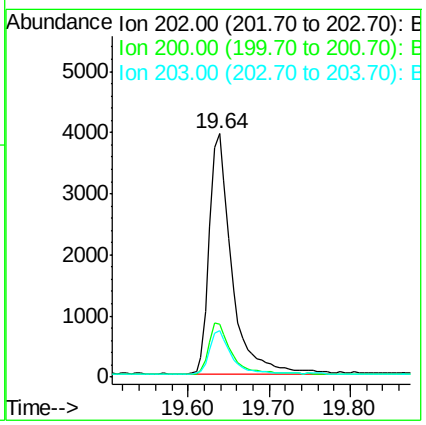


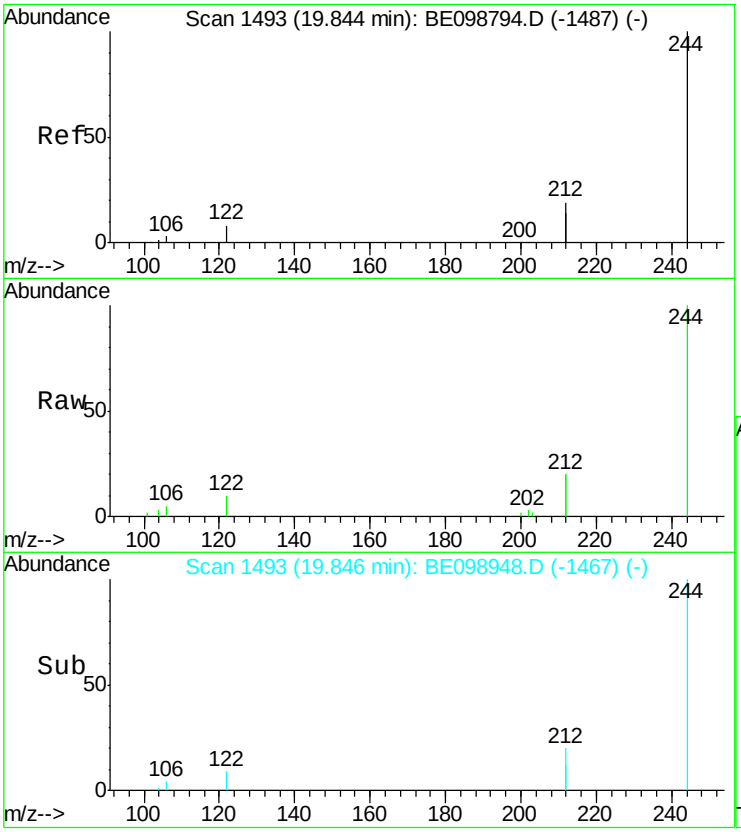


#28
Pyrene
Concen: 0.404 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:202 Resp: 7536

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.5	14.2	21.2



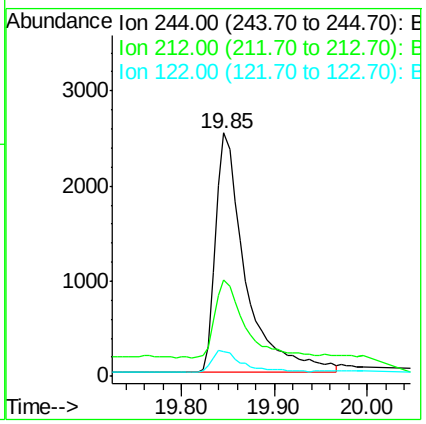


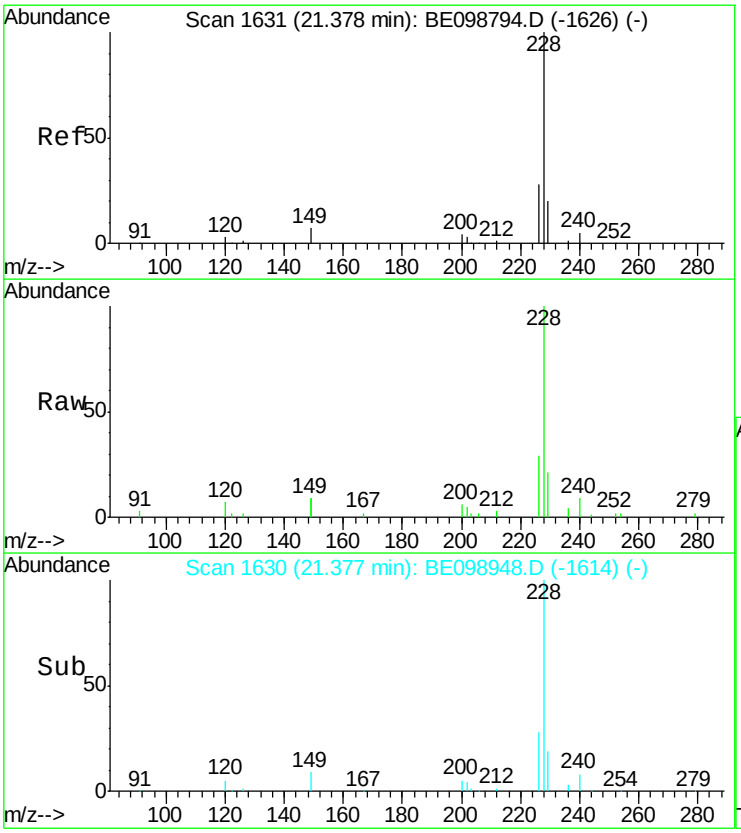
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5604

Ion	Ratio	Lower	Upper
244	100		
212	39.9	29.4	44.2
122	10.4	7.1	10.7

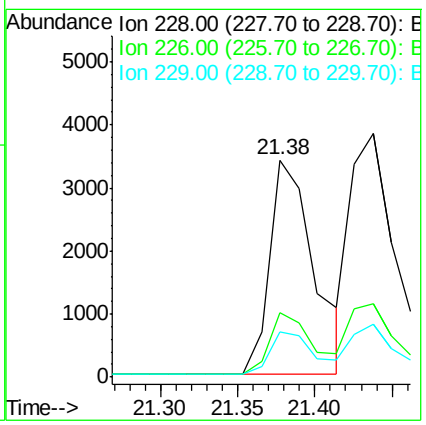


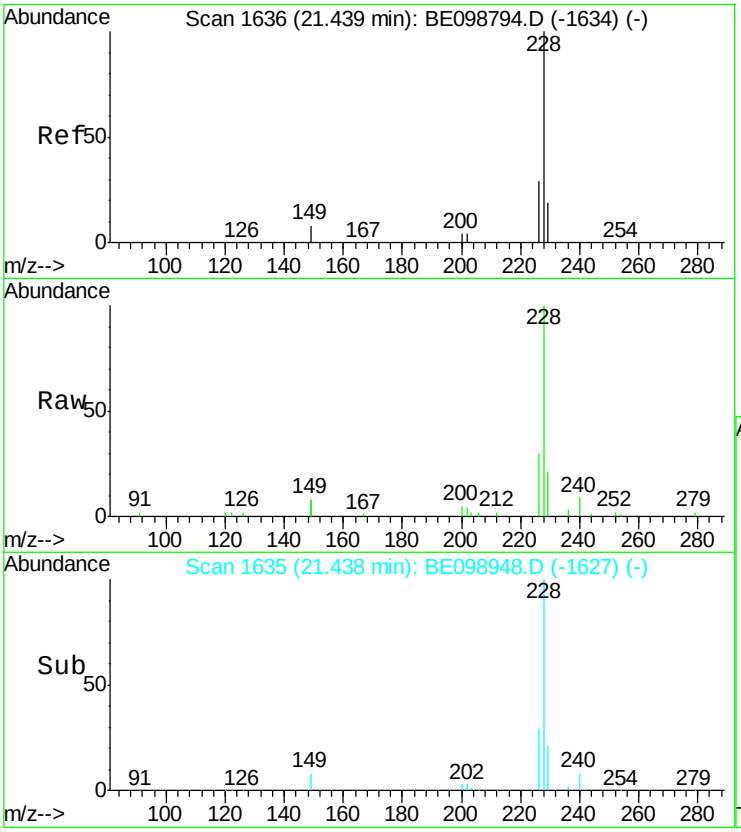


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:228 Resp: 6794

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.4
229	20.6	16.5	24.7



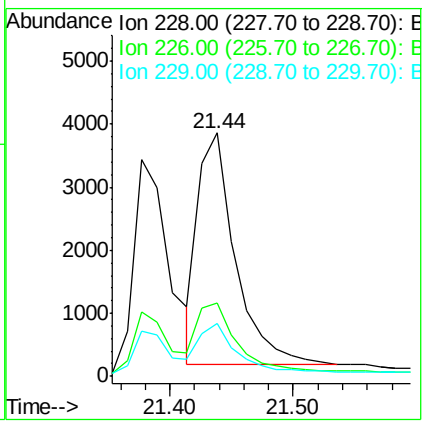


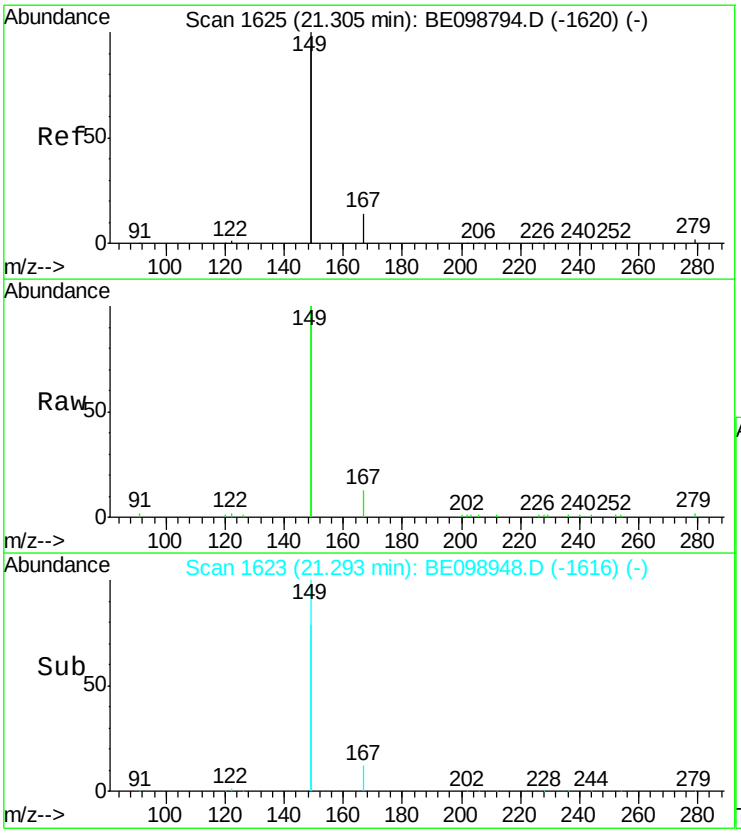
#31
Chrysene
Concen: 0.381 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 7745

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	21.5	16.1	24.1

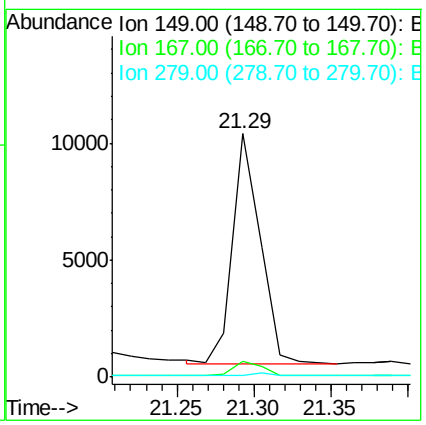


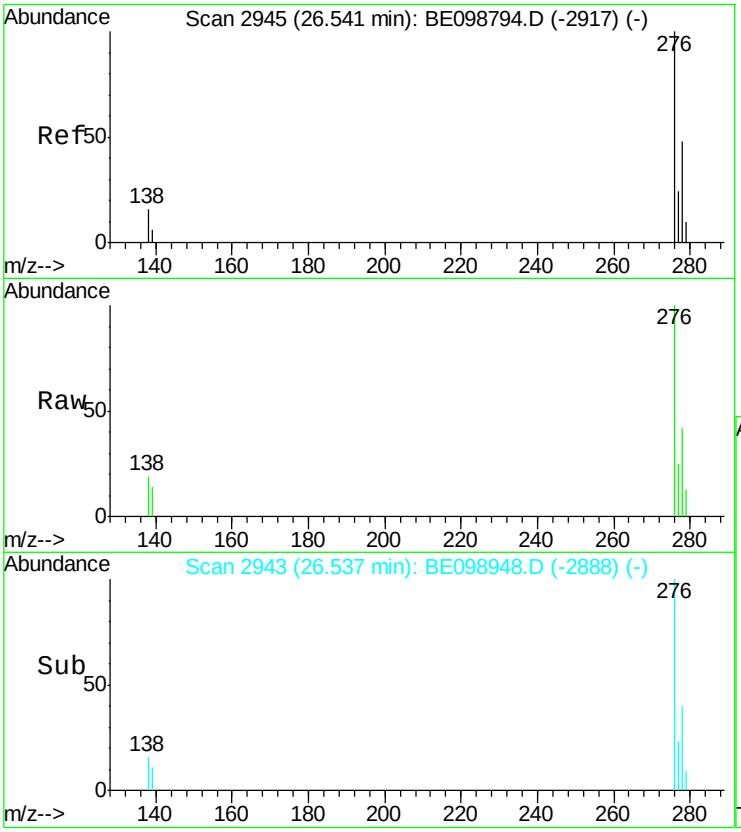


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:149 Resp: 12145

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.3	1.0	1.4



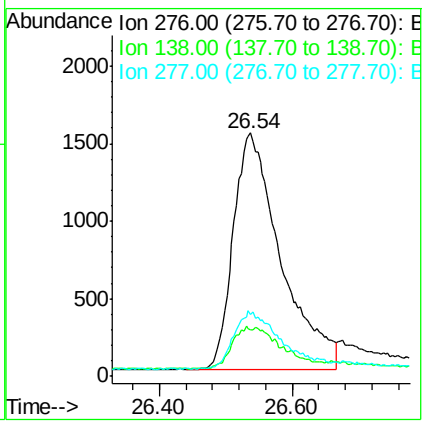


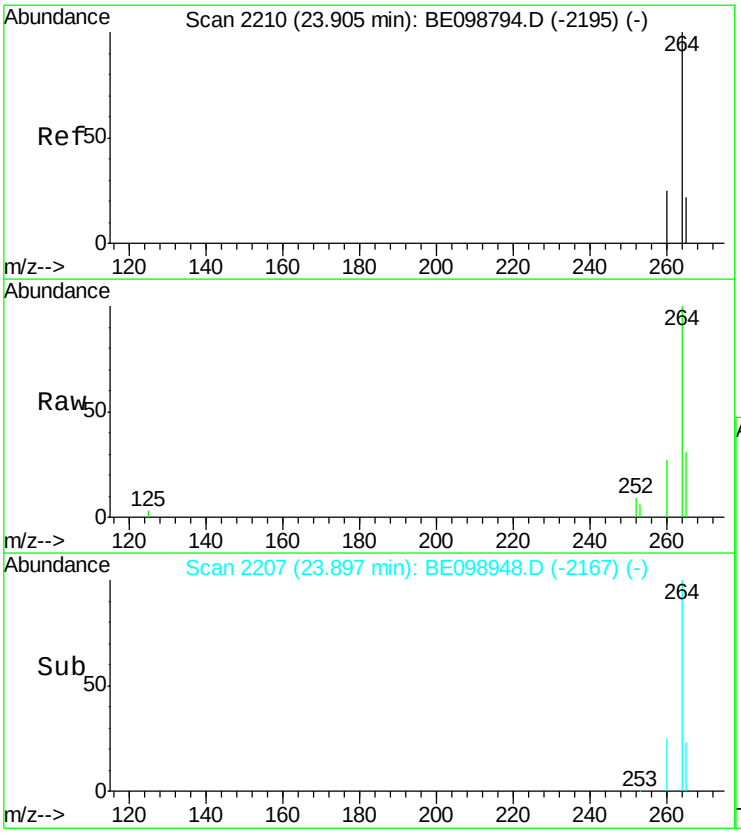
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng
RT: 26.54 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7583

Ion	Ratio	Lower	Upper
276	100		
138	7.0	13.8	20.8#
277	23.1	19.5	29.3

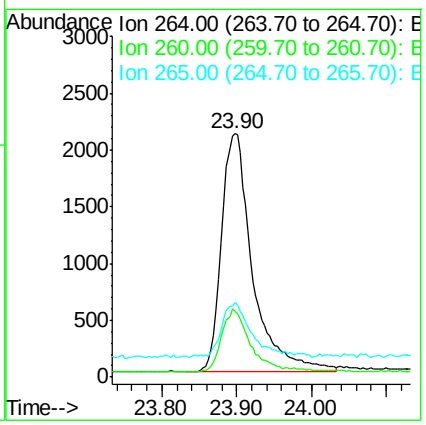


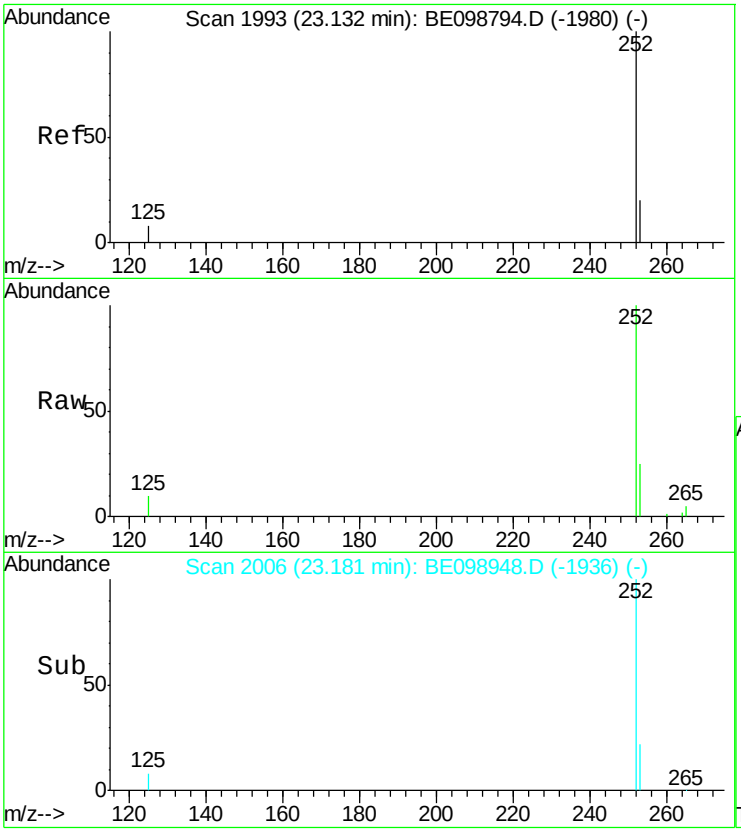


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:264 Resp: 6041

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	30.6	24.6	36.8



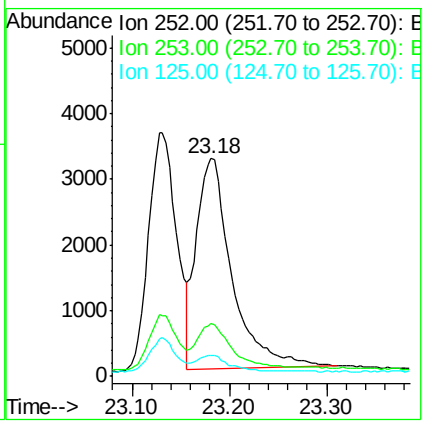


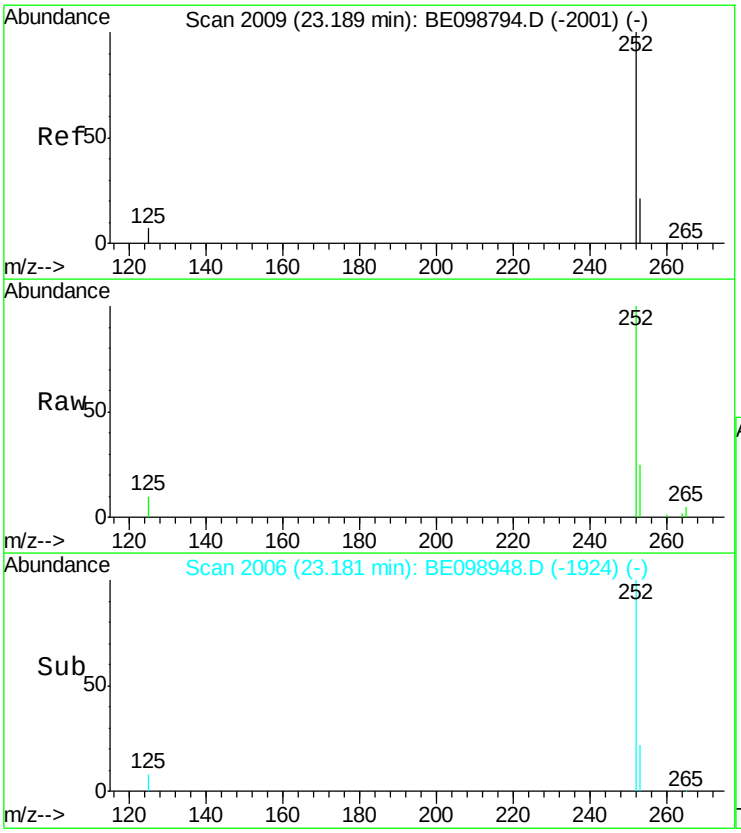
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8137

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	9.5	7.3	10.9

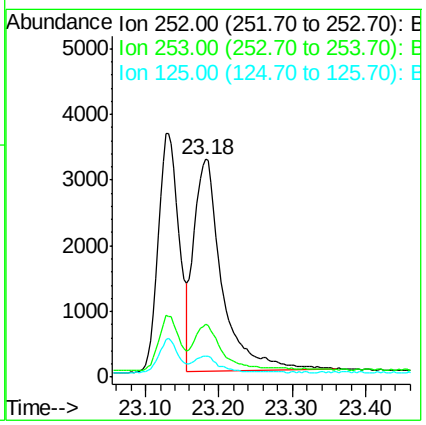


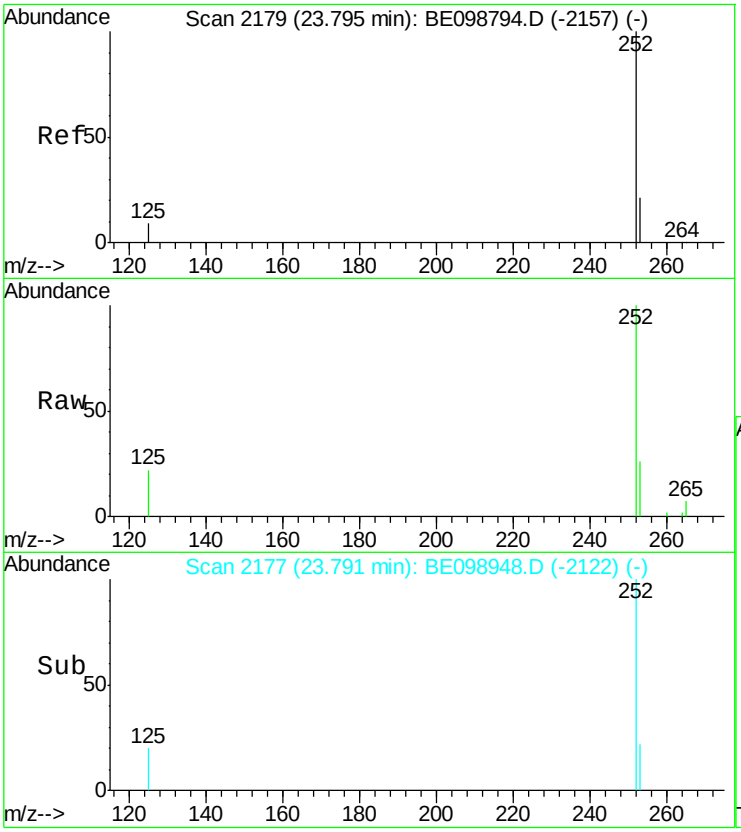


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:252 Resp: 8566

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.3	28.9
125	9.5	7.5	11.3



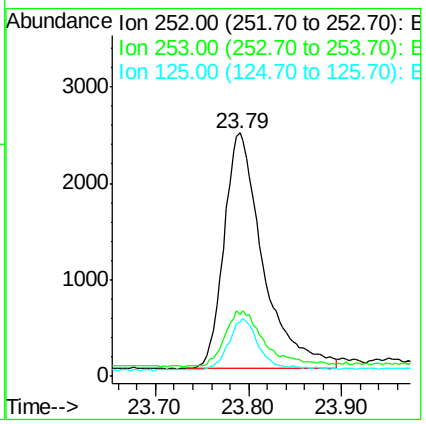


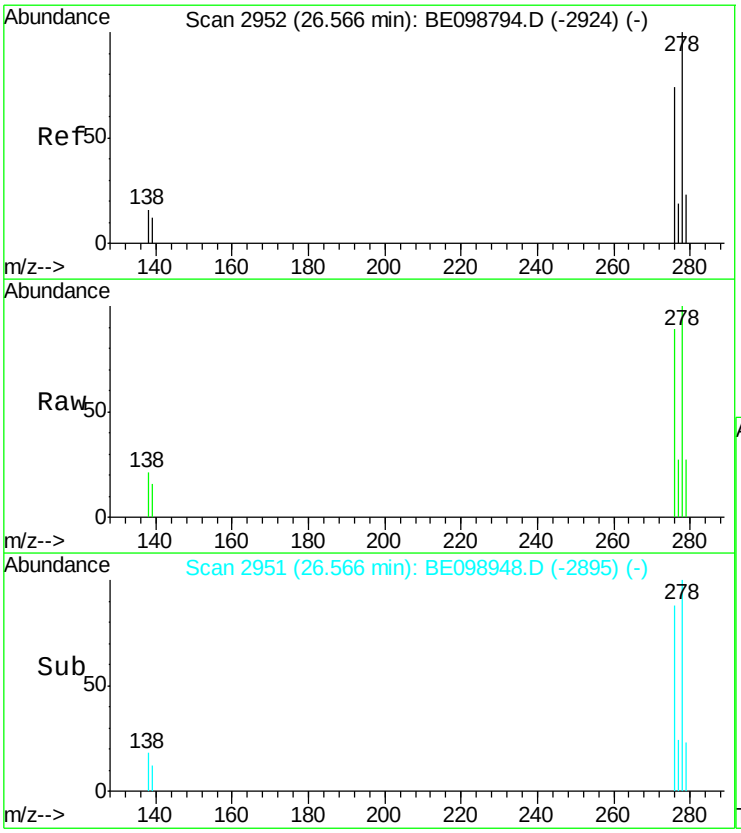
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7096

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	22.2	9.0	13.4#

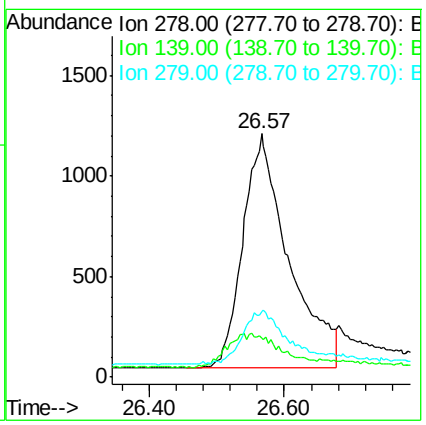


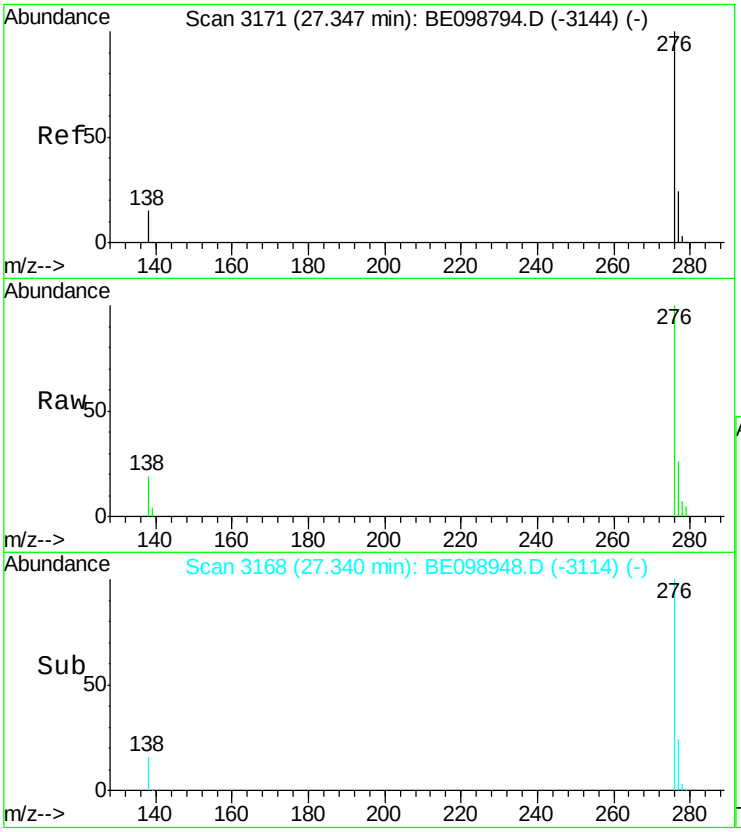


#38
Dibenzo(a,h)anthracene
Concen: 0.304 ng
RT: 26.57 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Tgt Ion:278 Resp: 5484

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.8	17.6
279	27.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.343 ng
RT: 27.34 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BE098948.D
Acq: 14 Mar 2019 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6465

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.4	30.6
138	19.0	13.6	20.4