Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098844.D
Acq On : 8 Mar 2019 22:17
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 09 00:46:36 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	920	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4031	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2688	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	7165	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	8689	0.40	ng		-0.01
34) Perylene-d12	23.90	264	8571	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1033	0.38	ng		0.01
5) Phenol-d6	6.99	99	1494	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	1514	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2949	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	529	0.39	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	4257	0.38	ng		-0.01
25) Fluoranthene-d10	19.24	212	40035	0.35	ng		0.00
29) Terphenyl-d14	19.84	244	8019	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	689	0.382	ng		97
3) n-Nitrosodimethylamine	3.63	42	524	0.226	ng	#	90
6) bis(2-Chloroethyl)ether	7.23	93	941	0.314	ng	#	82
9) Naphthalene	10.63	128	18338	0.397	ng		100
10) Hexachlorobutadiene	10.91	225	1194	0.391	ng		99
12) 2-Methylnaphthalene	12.27	142	2907	0.388	ng		97
16) Acenaphthylene	14.18	152	5284	0.382	ng		97
17) Acenaphthene	14.51	154	3190	0.389	ng		99
18) Fluorene	15.50	166	4530	0.383	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1408	0.363	ng		91
21) Hexachlorobenzene	16.52	284	1699	0.368	ng		97
22) Pentachlorophenol	16.89	266	243	0.419	ng		89
23) Phenanthrene	17.24	178	7657	0.376	ng		99
24) Anthracene	17.35	178	6122	0.352	ng		100
26) Fluoranthene	19.28	202	10201	0.355	ng		99
28) Pyrene	19.64	202	10573	0.398	ng		99
30) Benzo(a)anthracene	21.38	228	9636	0.355	ng		99
31) Chrysene	21.44	228	11415	0.393	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	19423	0.337	ng		99
33) Indeno(1,2,3-cd)pyrene	26.53	276	11970	0.391	ng		97
35) Benzo(b)fluoranthene	23.18	252	11192	0.397	ng		100
36) Benzo(k)fluoranthene	23.18	252	11192	0.379	ng		97
37) Benzo(a)pyrene	23.78	252	10458	0.387	ng	#	94
38) Dibenzo(a,h)anthracene	26.56	278	9704	0.380	ng	#	95
39) Benzo(g,h,i)perylene	27.34	276	10173	0.381	ng		98

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

Quantitation Report (Not Reviewed)

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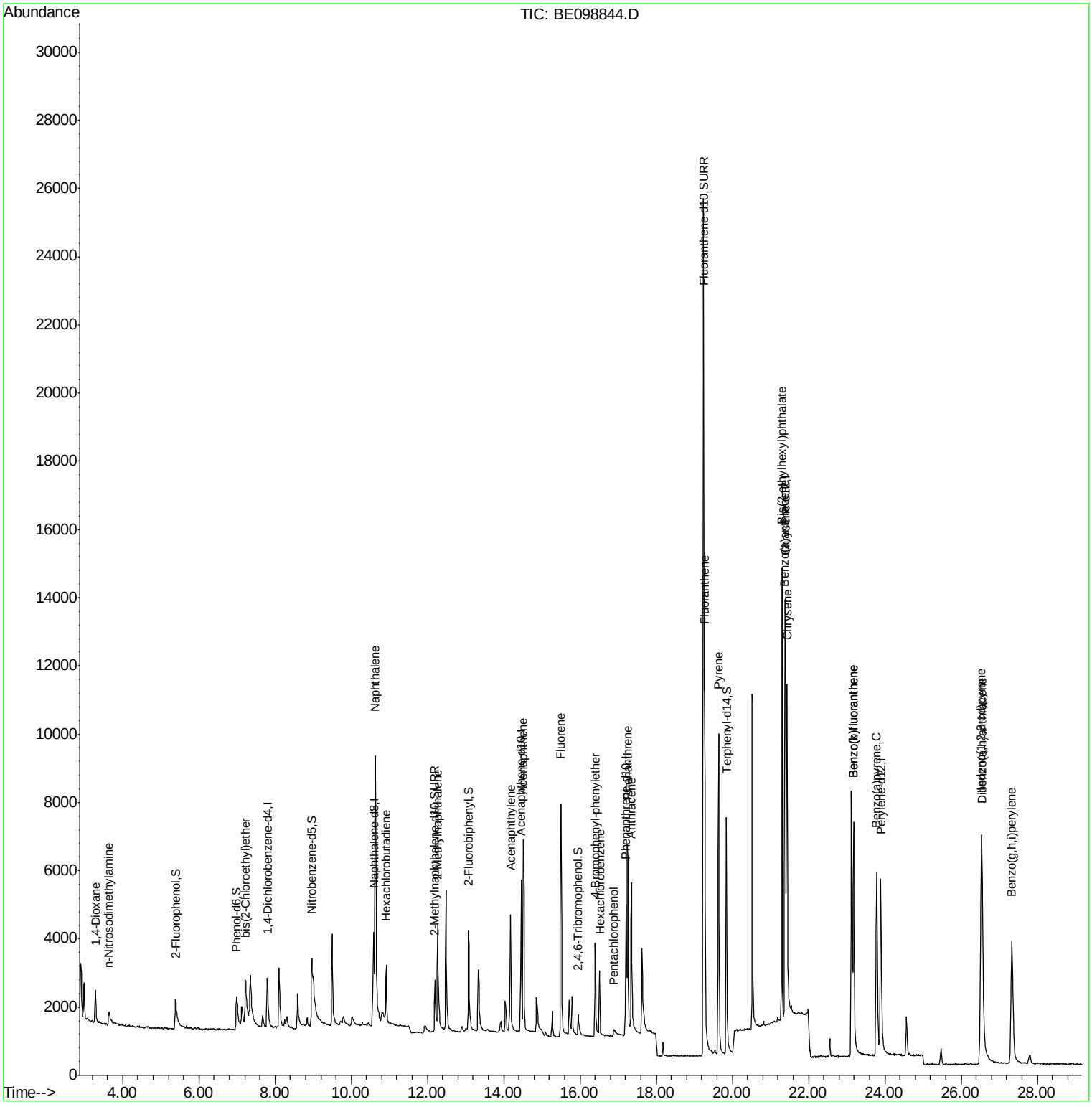
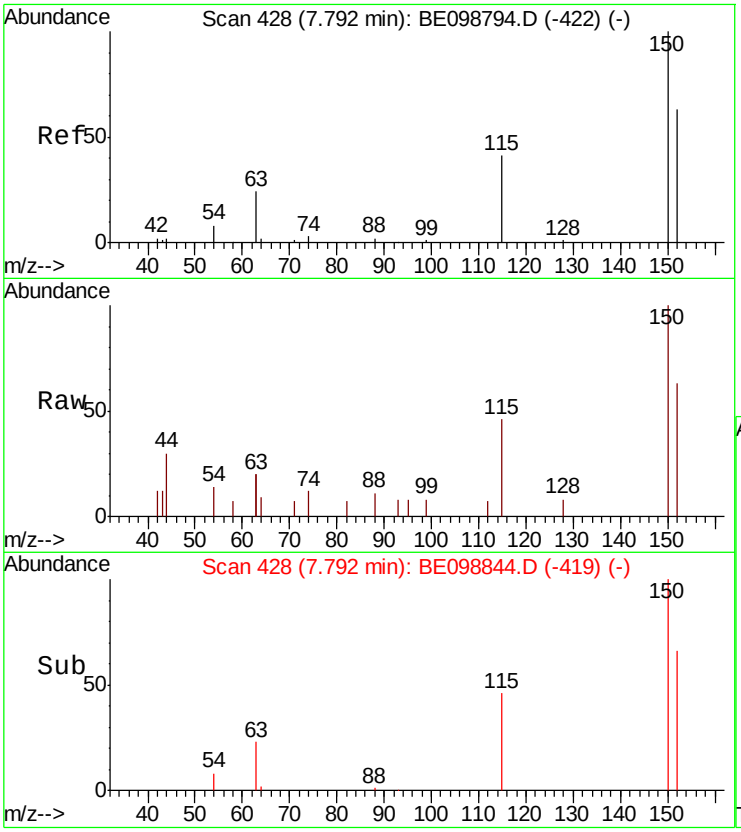
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 09 00:46:36 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



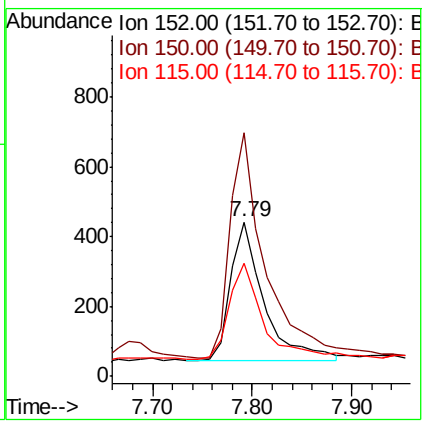


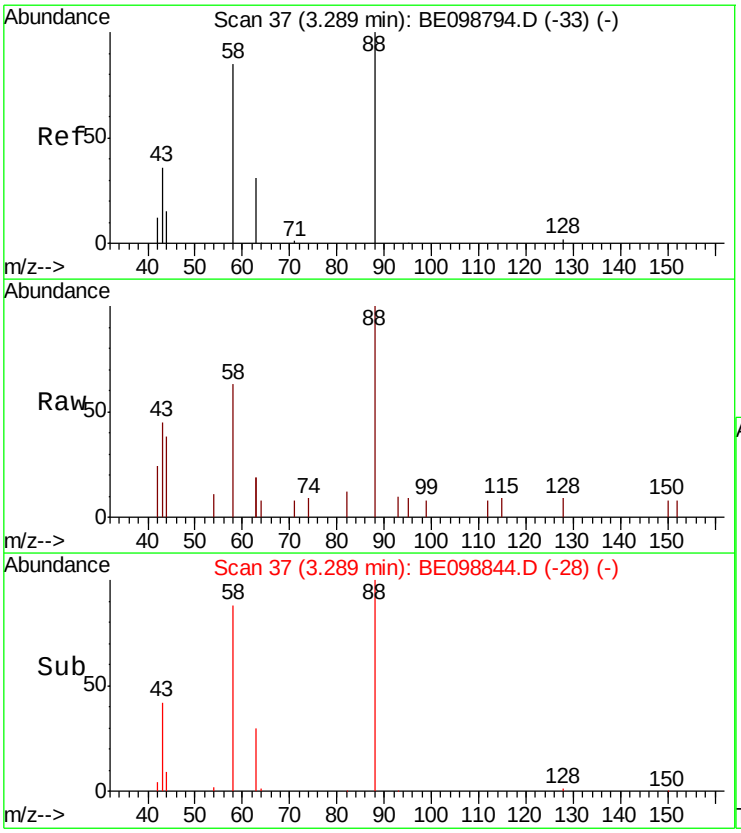
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 920

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.5	183.7
115	73.3	57.4	86.2

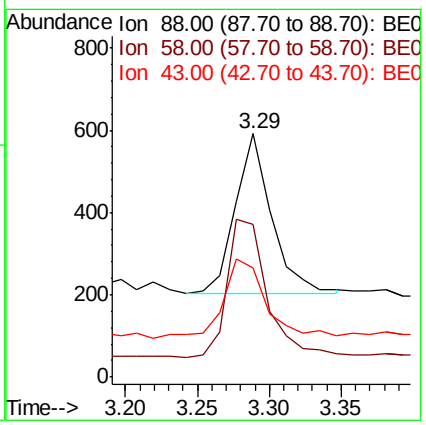


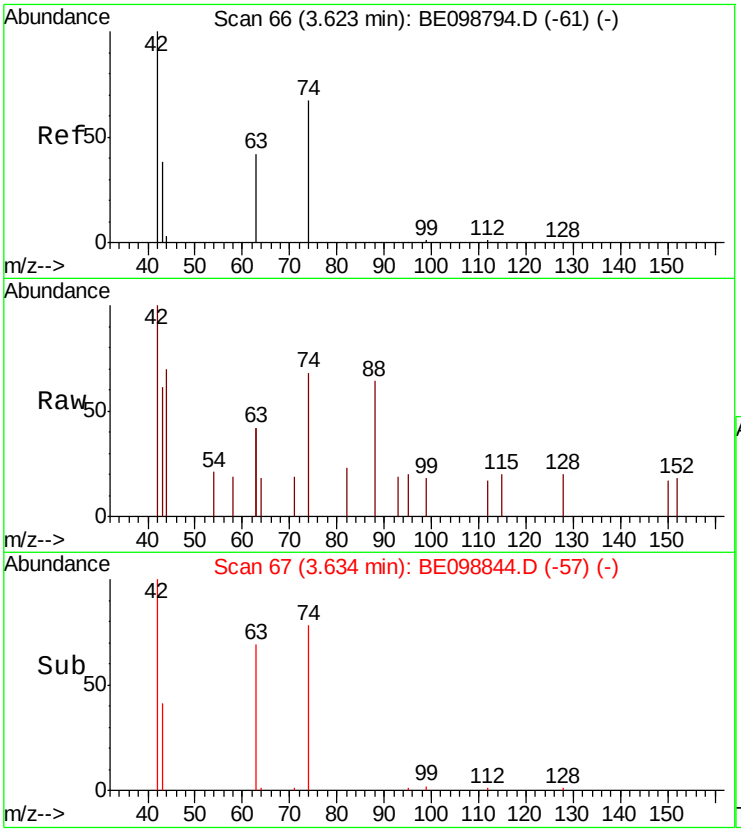


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion: 88 Resp: 689

Ion	Ratio	Lower	Upper
88	100		
58	94.3	75.8	113.6
43	58.6	41.8	62.8



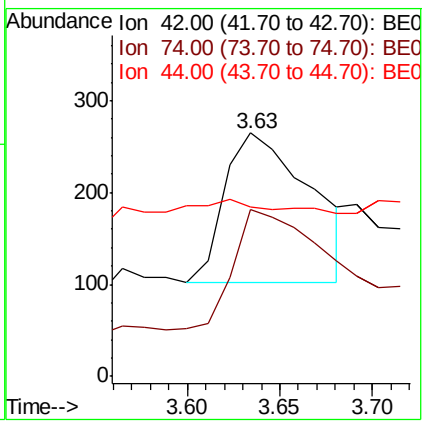


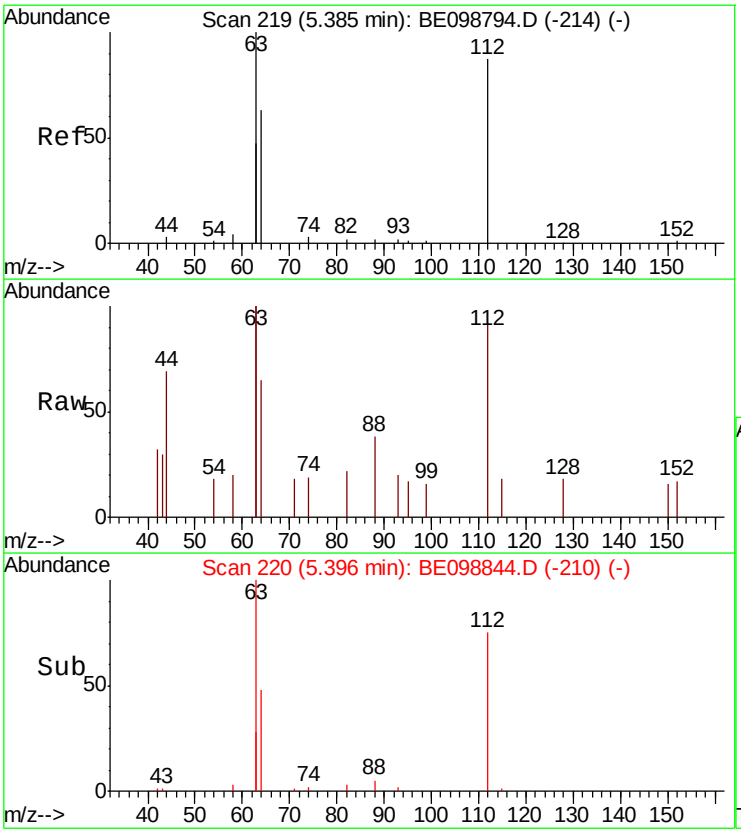
#3
n-Nitrosodimethylamine
Concen: 0.226 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 524

Ion	Ratio	Lower	Upper
42	100		
74	79.8	57.0	85.4
44	25.4	0.0	0.0#

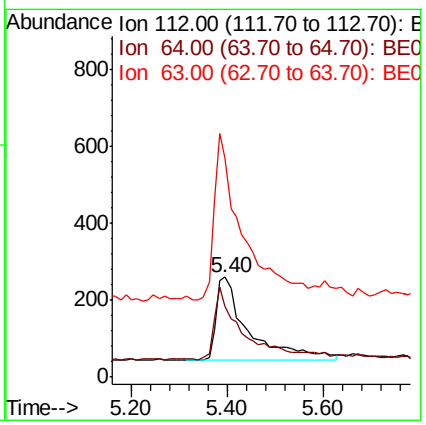


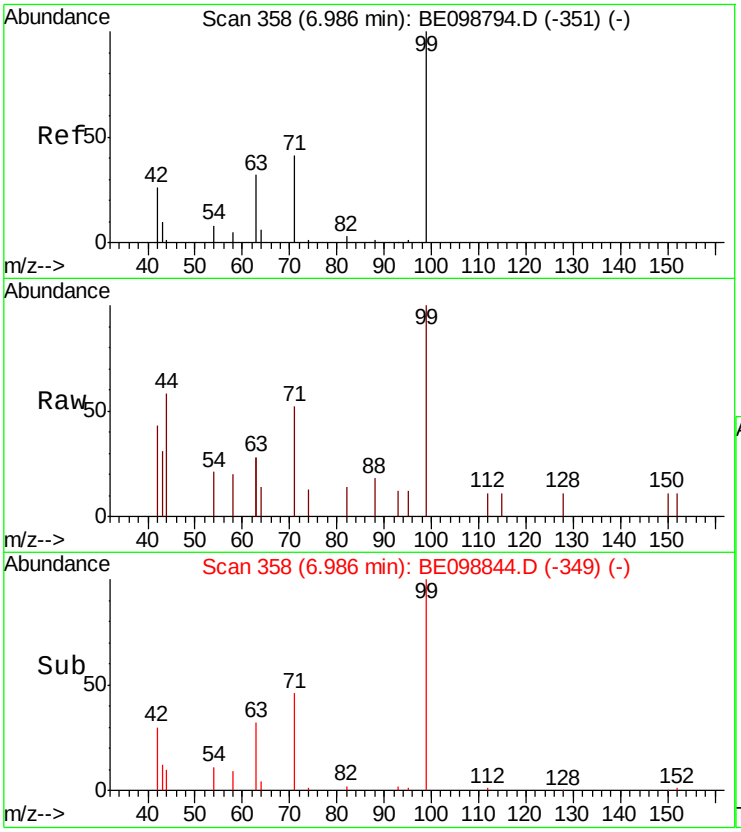


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:112 Resp: 1033

Ion	Ratio	Lower	Upper
112	100		
64	80.4	57.9	86.9
63	176.1	158.3	237.5



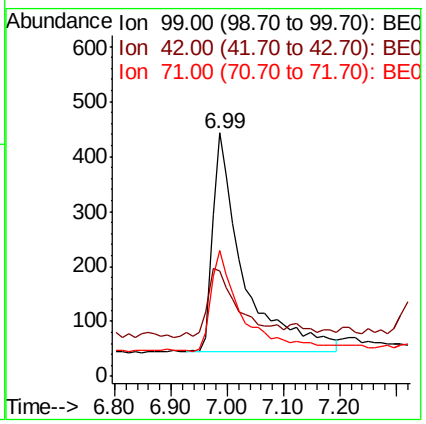


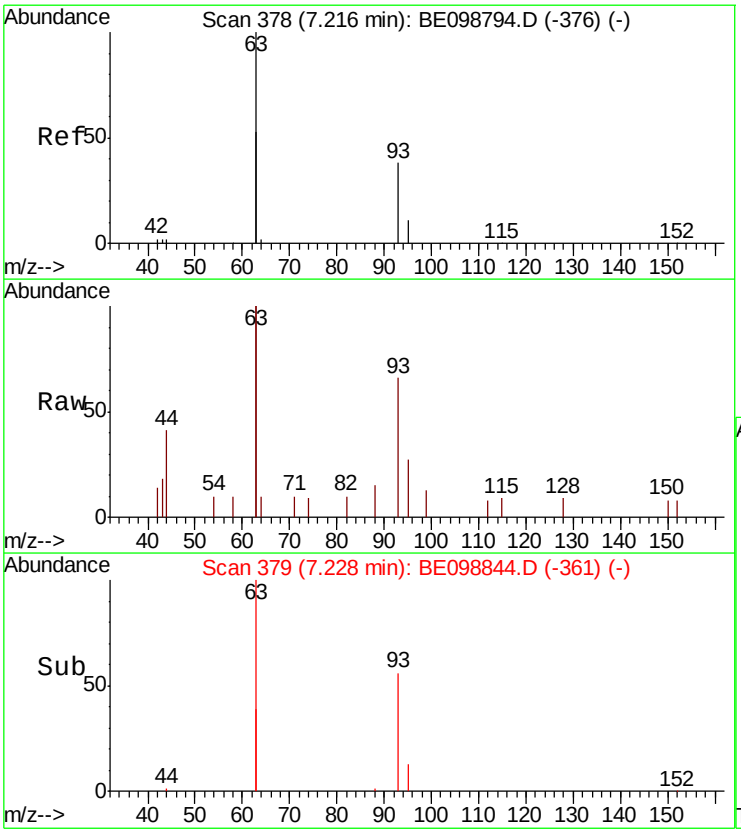
#5
Phenol-d6
Concen: 0.385 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1494

Ion	Ratio	Lower	Upper
99	100		
42	31.7	24.2	36.2
71	47.7	35.7	53.5

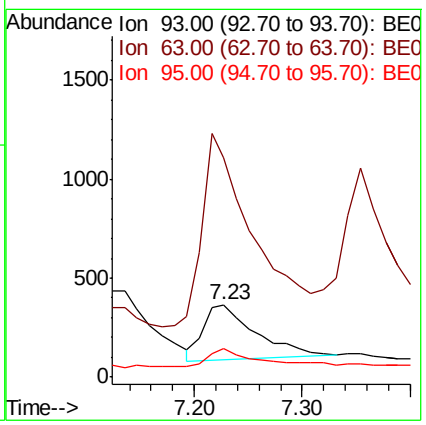


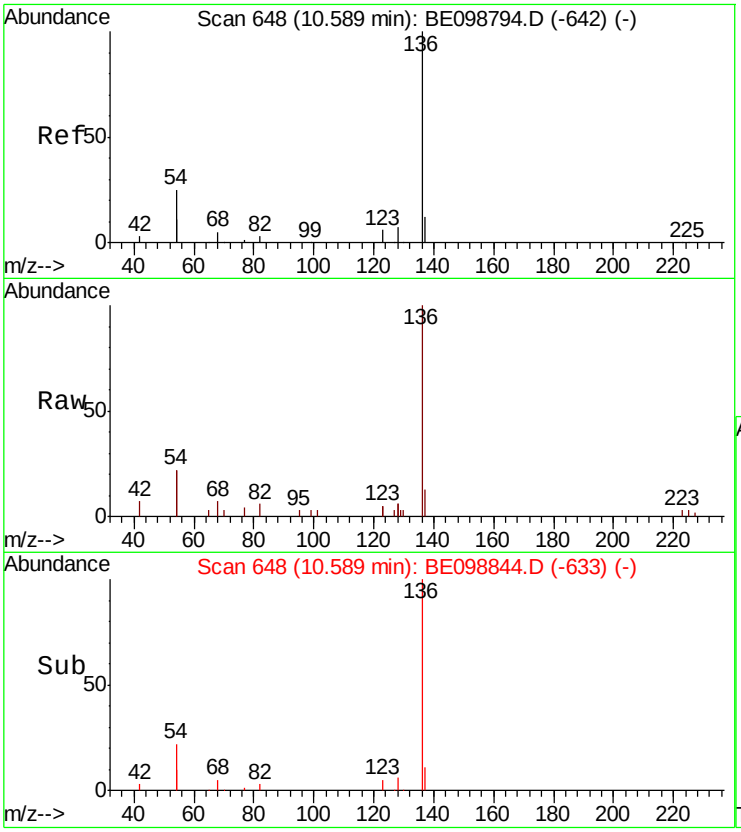


#6
bis(2-Chloroethyl)ether
Concen: 0.314 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion: 93 Resp: 941

Ion	Ratio	Lower	Upper
93	100		
63	345.3	247.5	371.3
95	36.2	21.8	32.8#



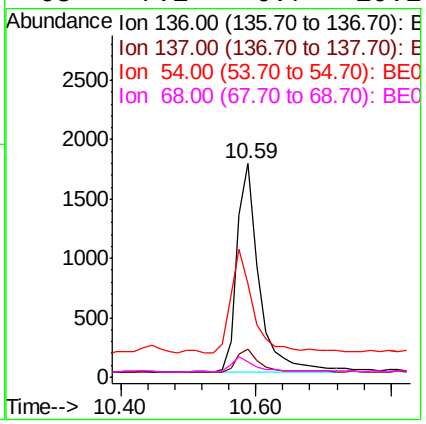


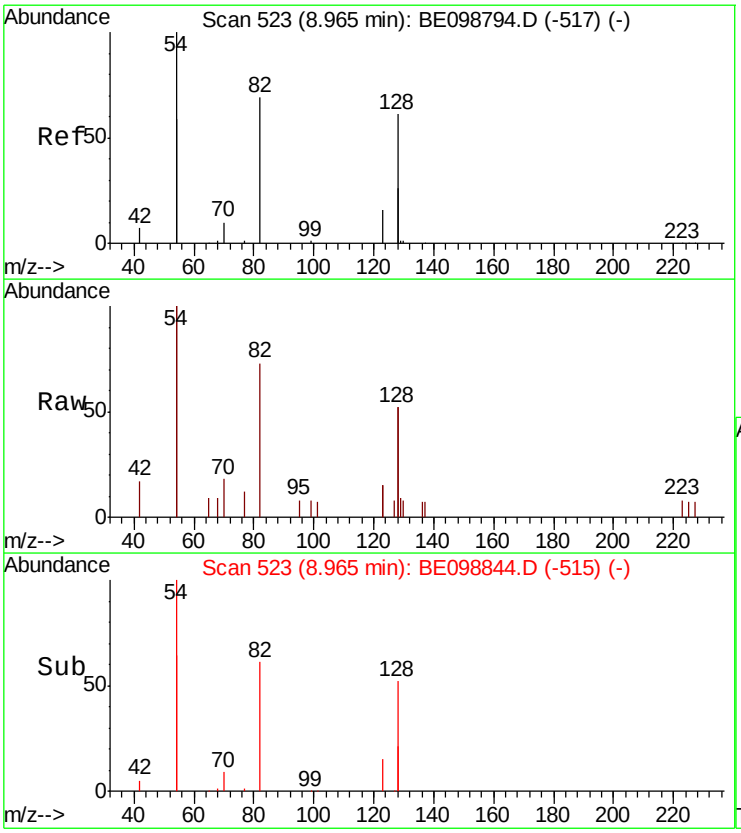
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4031

Ion	Ratio	Lower	Upper
136	100		
137	13.1	11.4	17.0
54	43.7	39.3	58.9
68	7.1	6.7	10.1

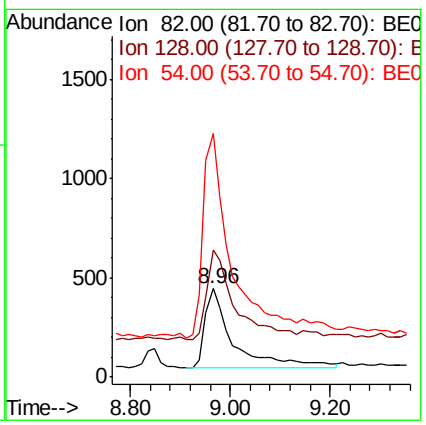


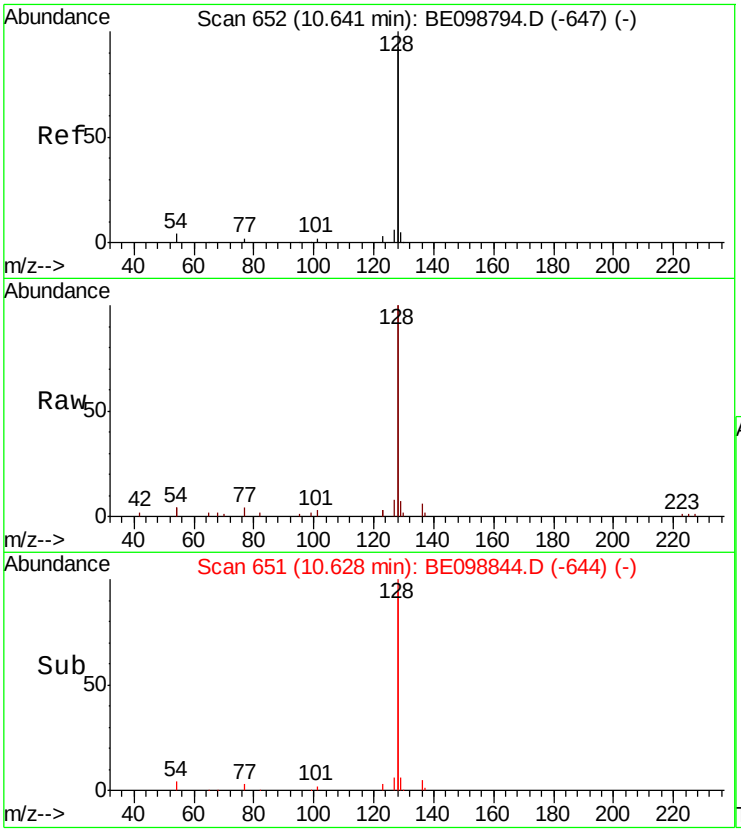


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion: 82 Resp: 1514

Ion	Ratio	Lower	Upper
82	100		
128	144.1	123.8	185.8
54	274.7	203.4	305.2



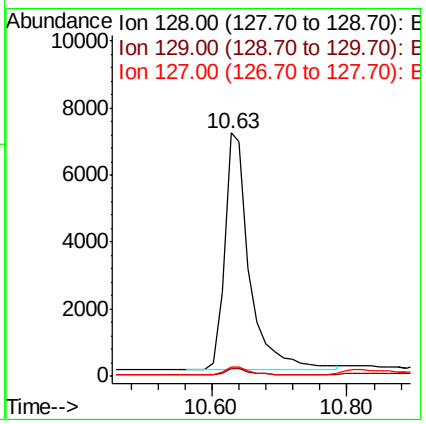


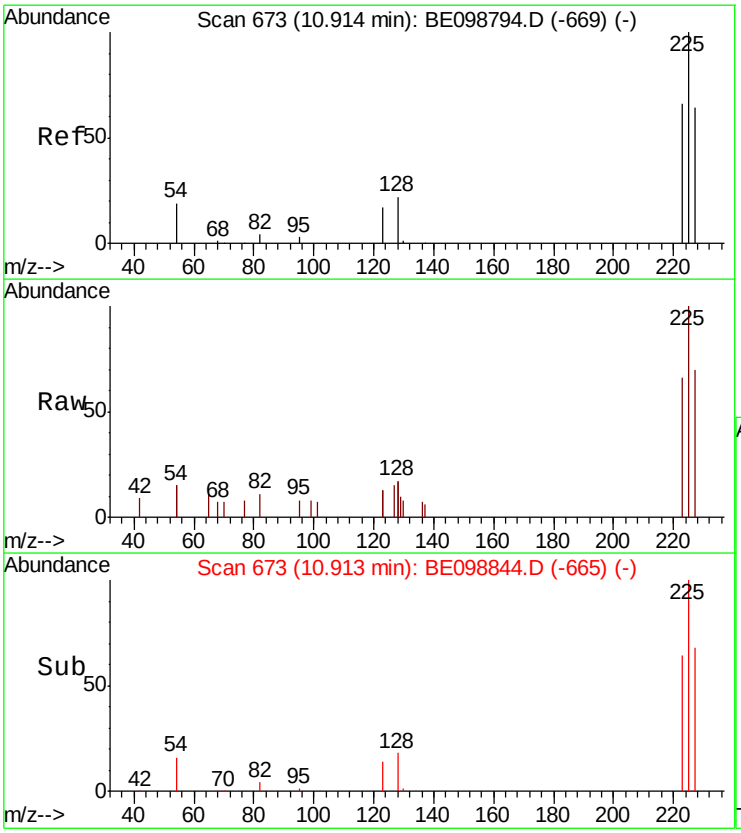
#9
Naphthalene
Concen: 0.397 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18338

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	3.8	3.1	4.7

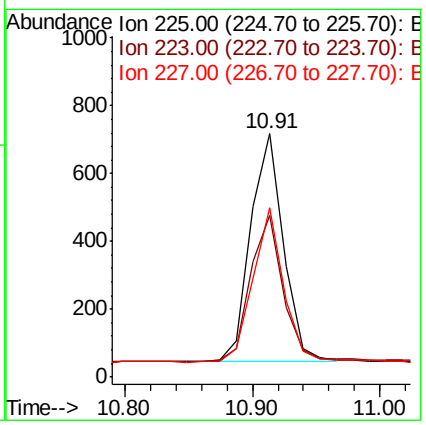


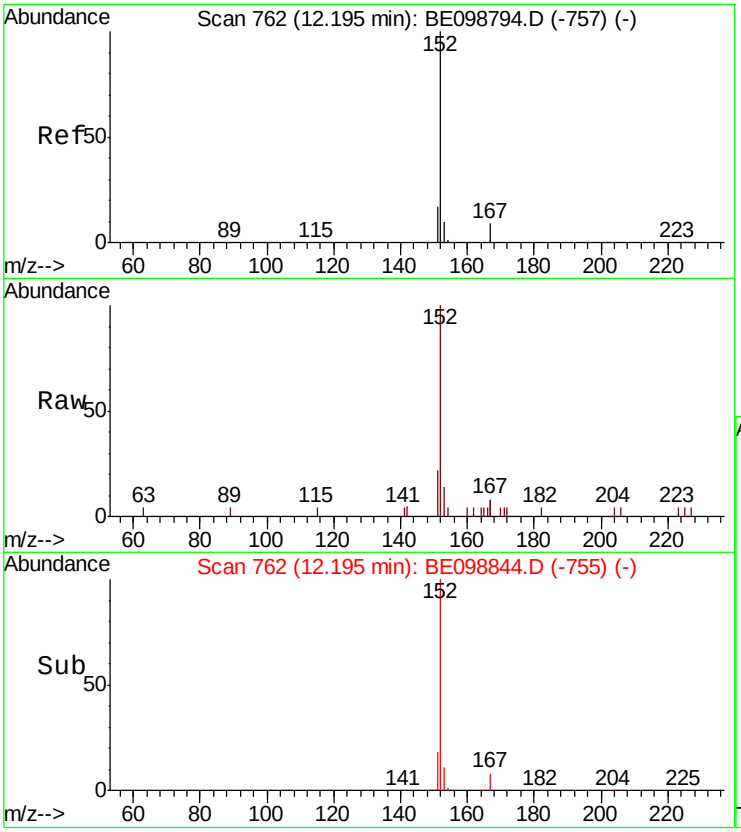


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:225 Resp: 1194

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	63.5	51.6	77.4



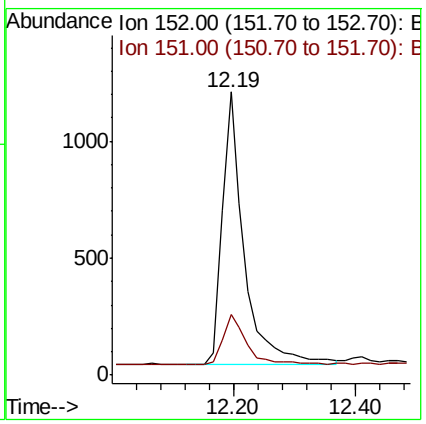


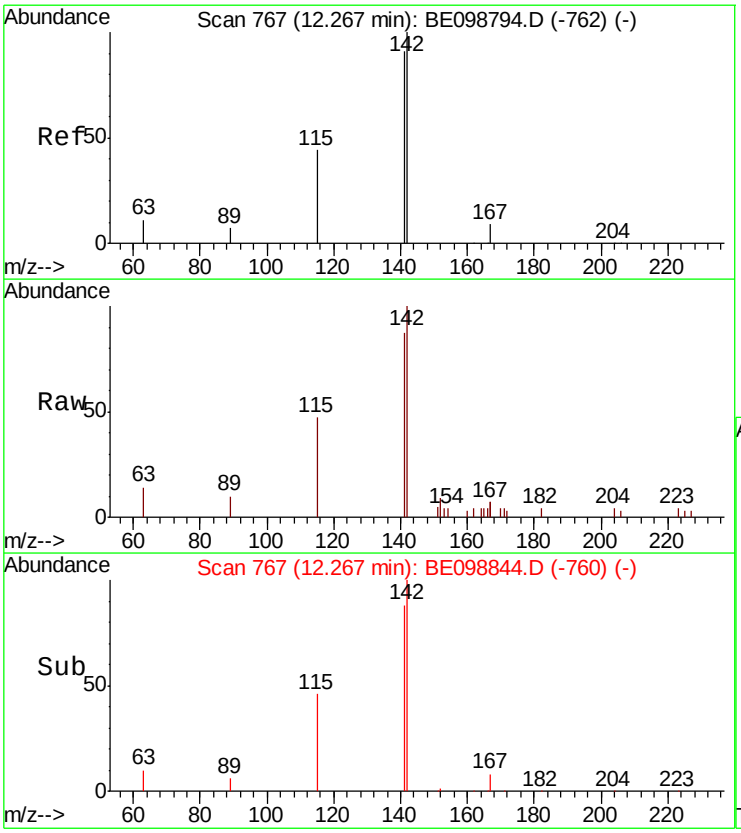
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2949

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7

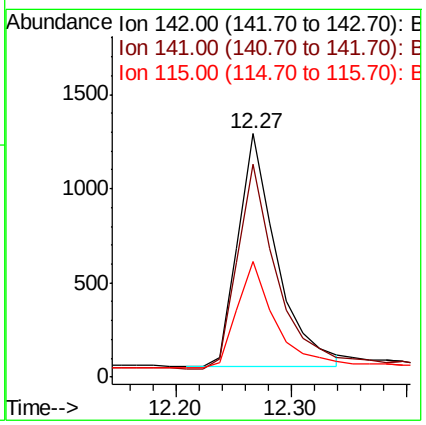


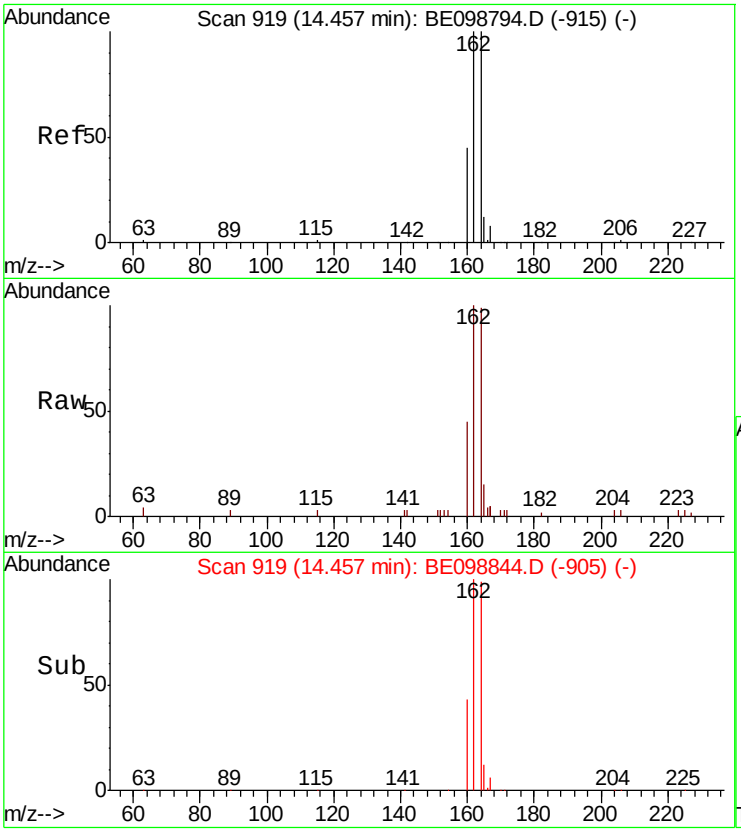


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:142 Resp: 2907

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.6	108.8
115	47.4	37.4	56.2



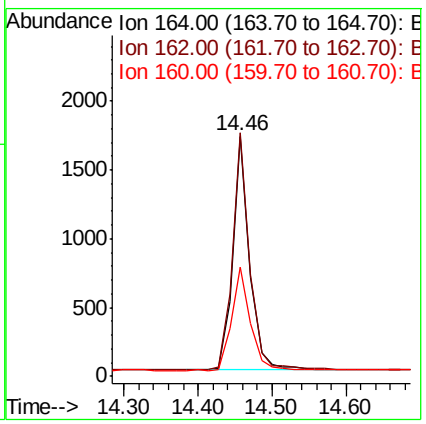


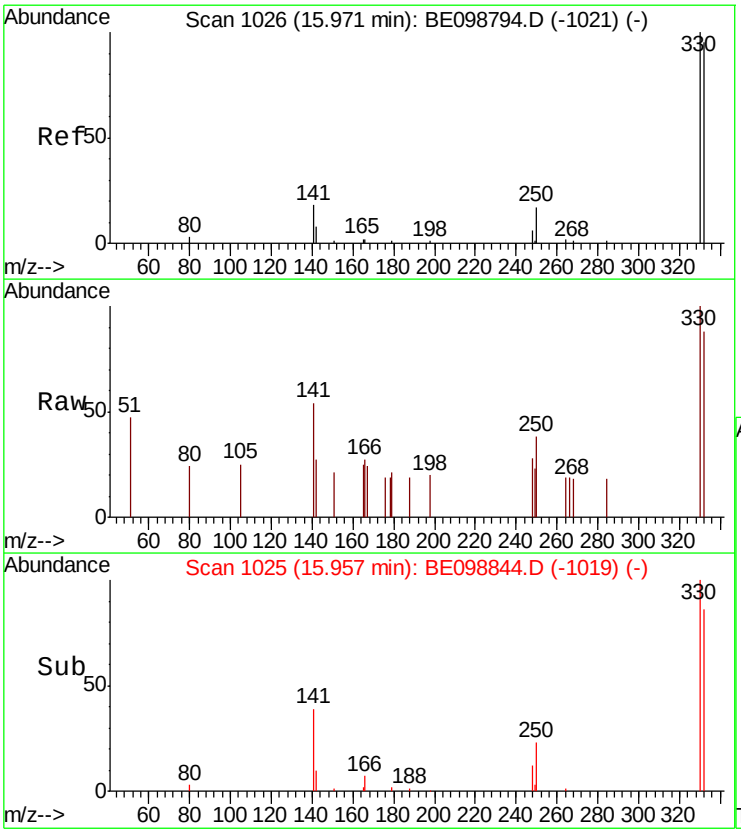
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2688

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.2	37.8	56.8

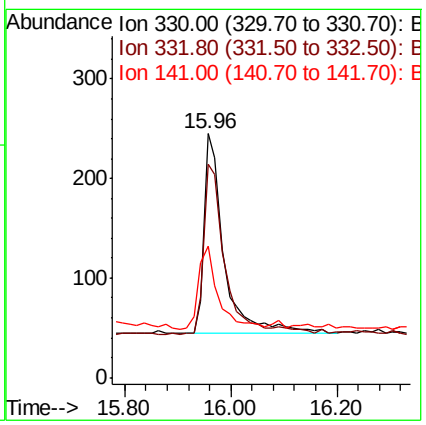


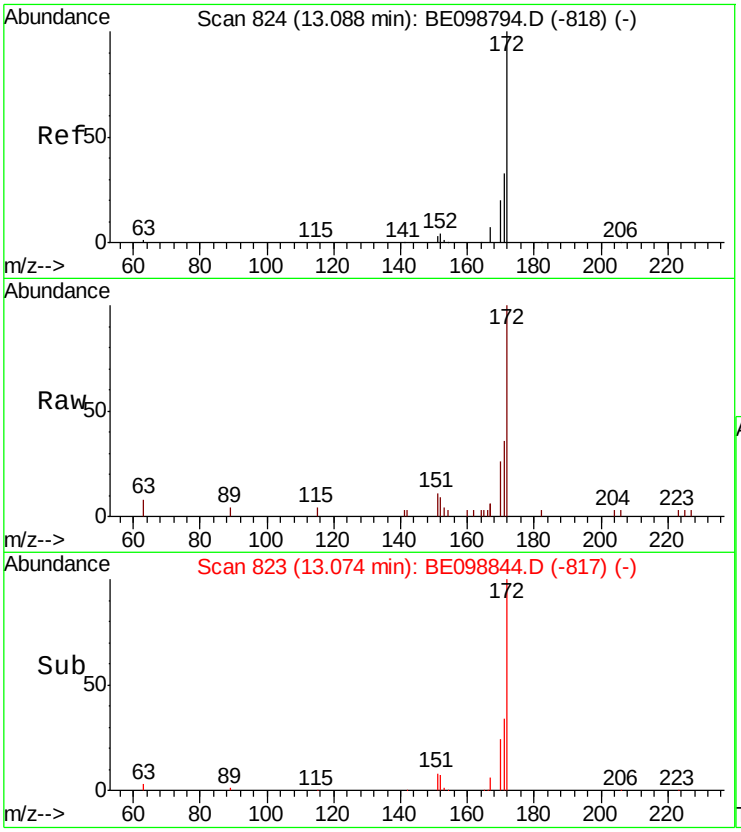


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:330 Resp: 529

Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.6	116.4
141	42.2	31.0	46.4



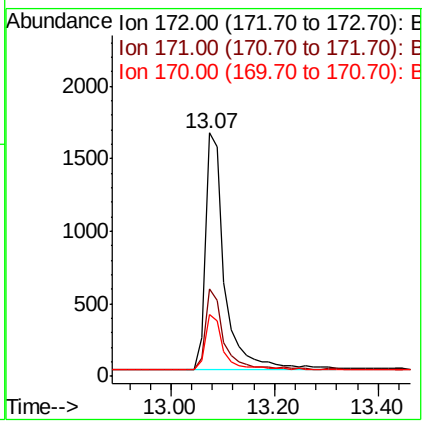


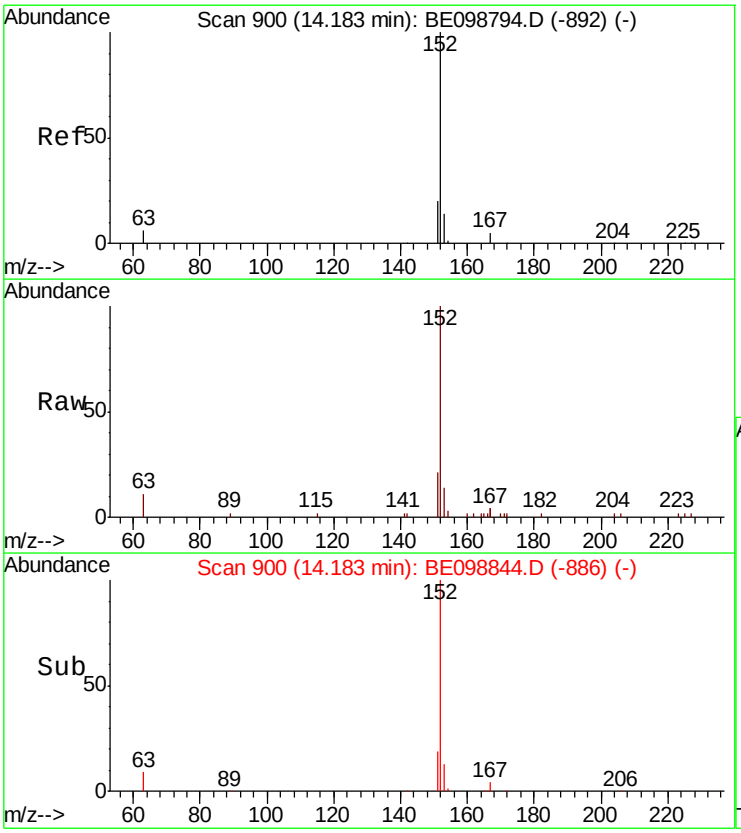
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4257

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	25.6	17.7	26.5

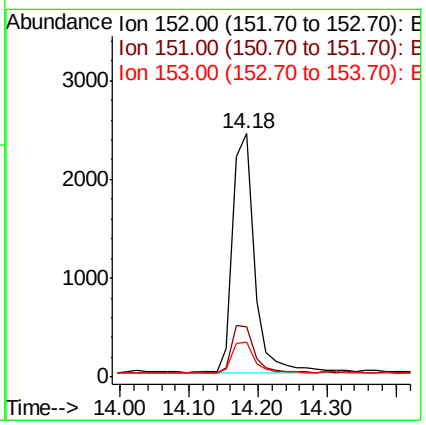


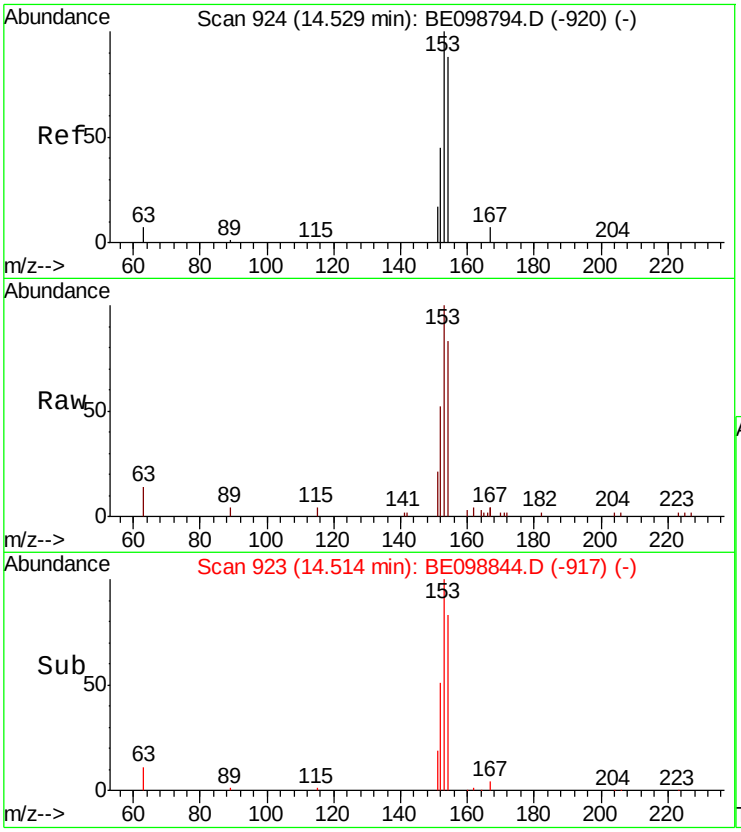


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:152 Resp: 5284

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	12.9	11.2	16.8



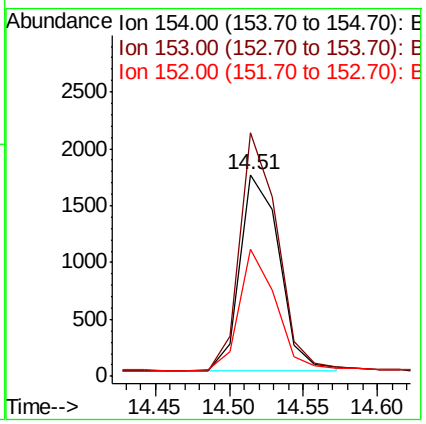


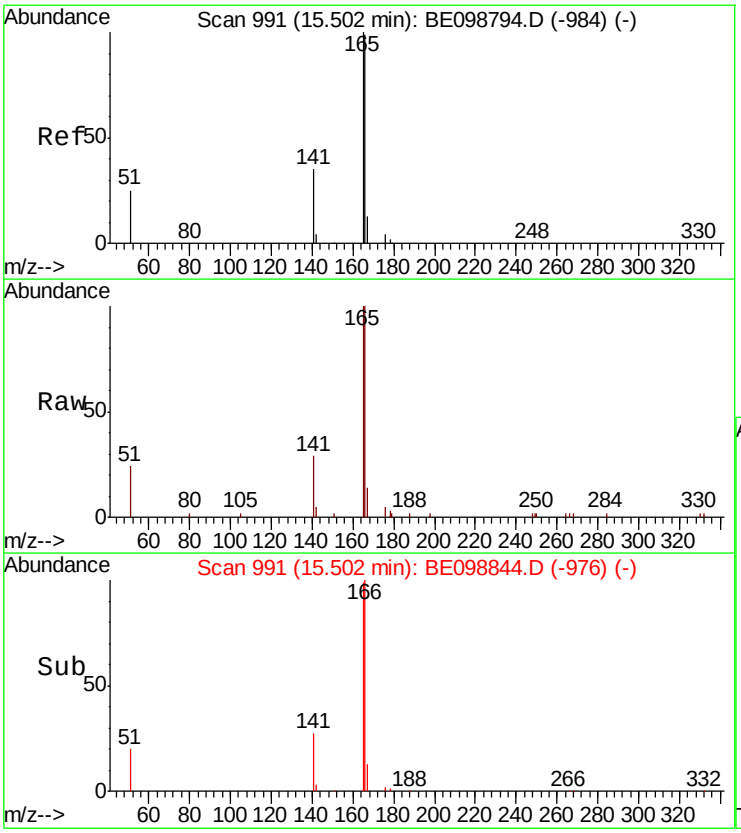
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3190

Ion	Ratio	Lower	Upper
154	100		
153	116.5	94.2	141.4
152	57.4	45.0	67.4

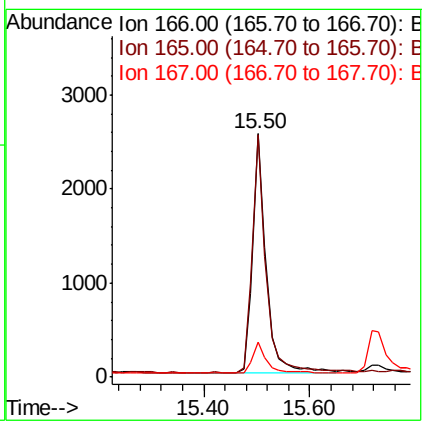


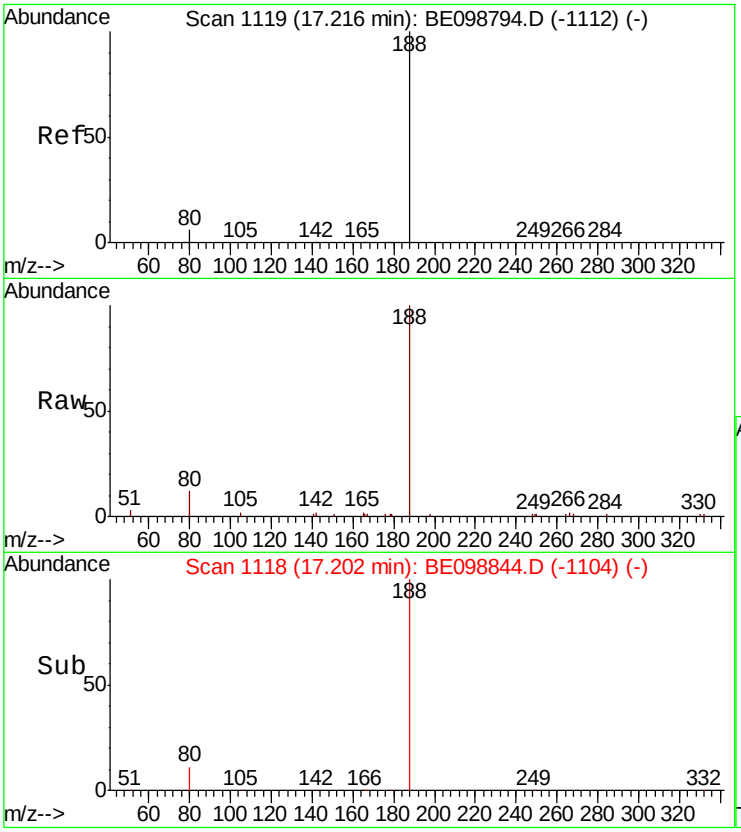


#18
Fluorene
Concen: 0.383 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:166 Resp: 4530

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.3	118.9
167	13.1	10.5	15.7



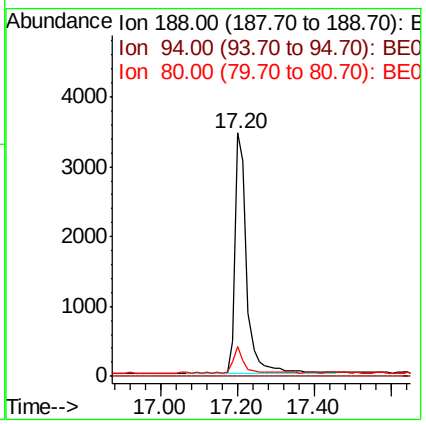


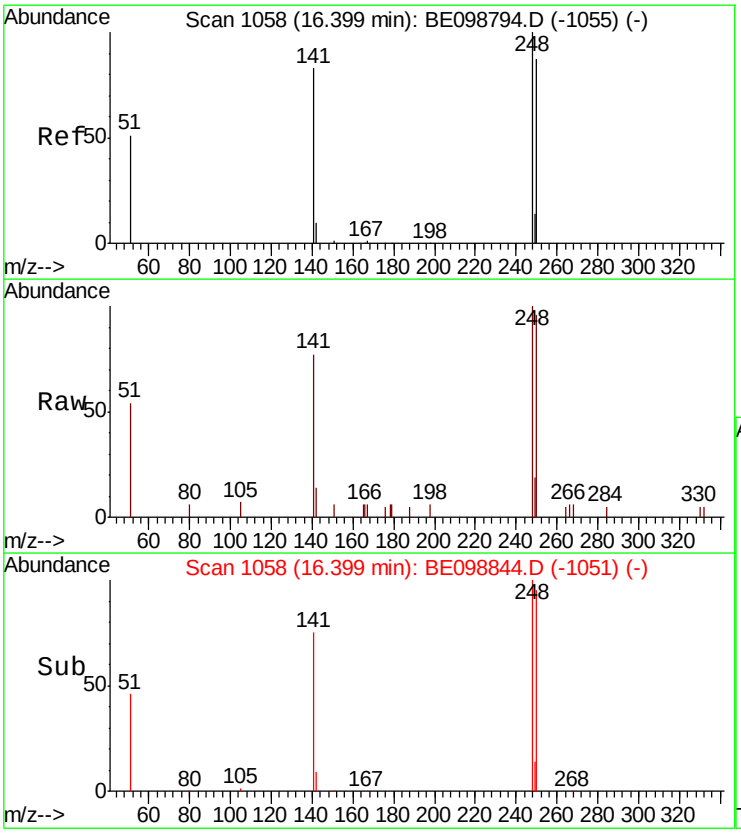
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7165

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	6.3	9.5#

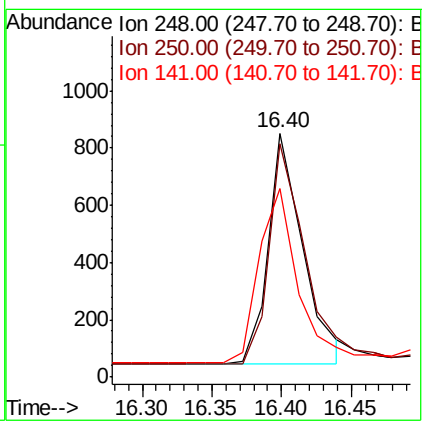


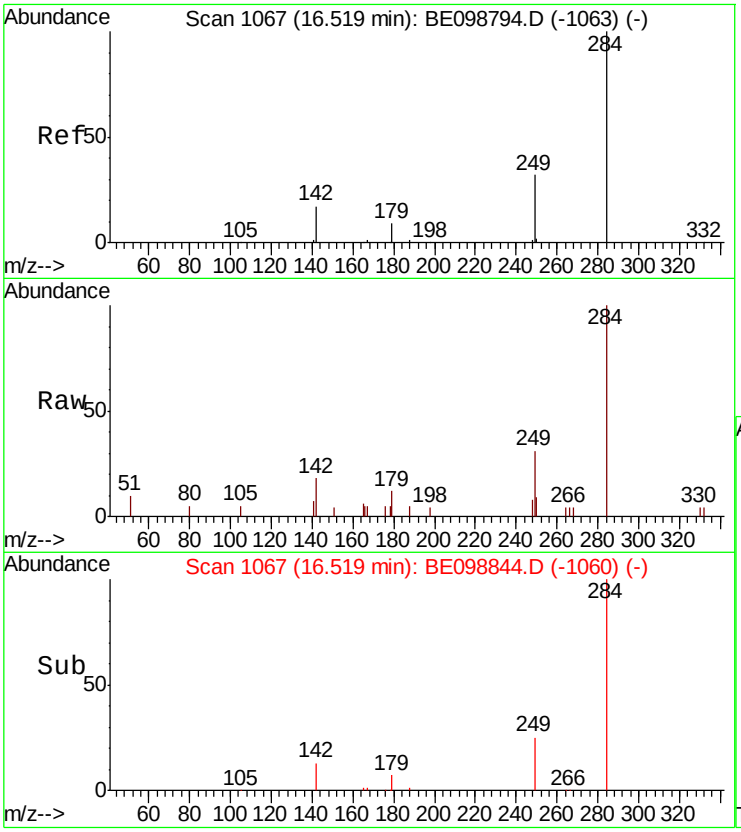


#20
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:248 Resp: 1408

Ion	Ratio	Lower	Upper
248	100		
250	95.7	70.6	105.8
141	77.2	68.6	102.8



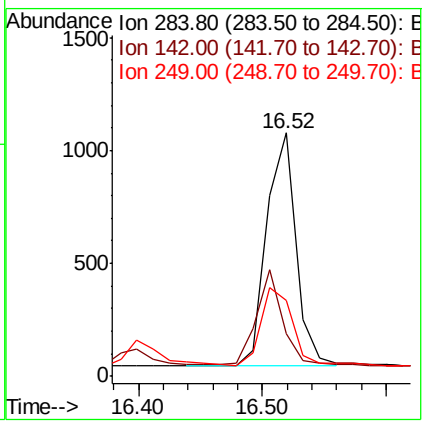


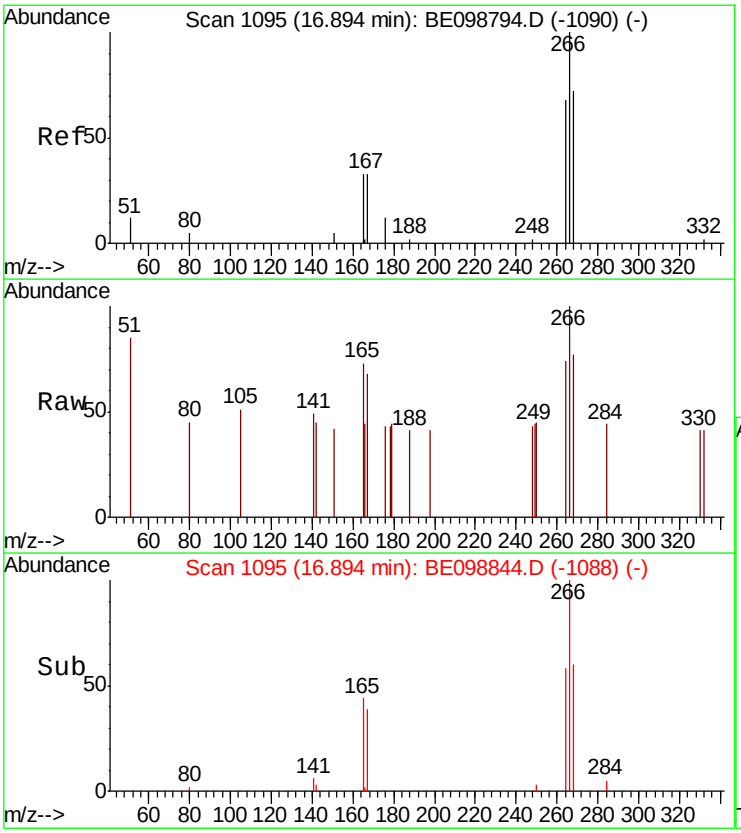
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1699

Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.7	43.1
249	34.0	29.6	44.4

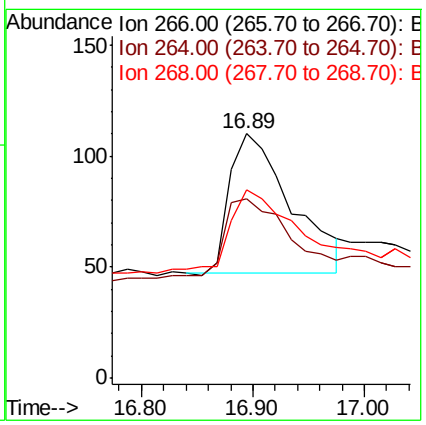


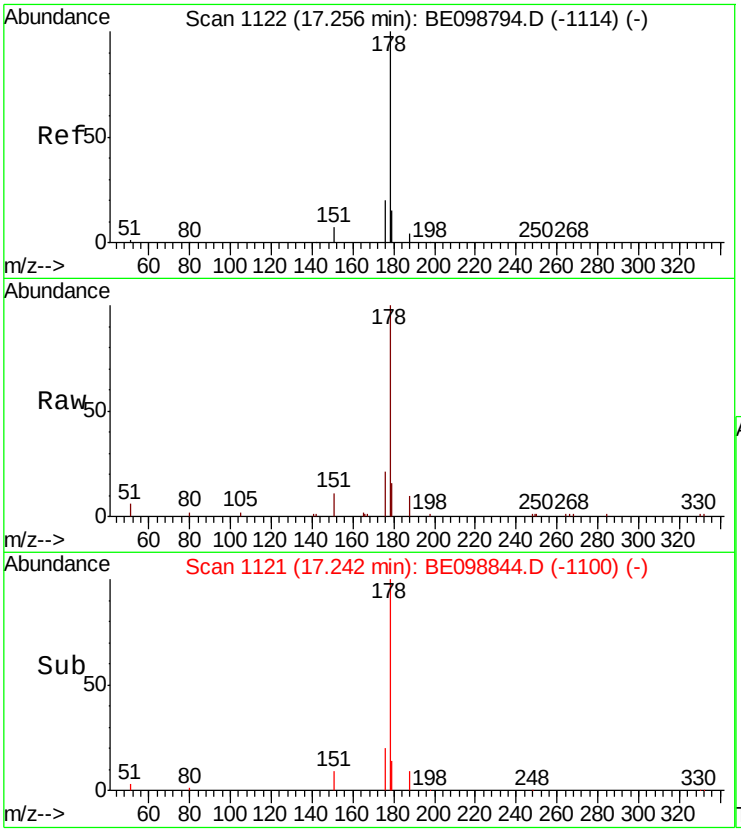


#22
Pentachlorophenol
Concen: 0.419 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:266 Resp: 243

Ion	Ratio	Lower	Upper
266	100		
264	73.6	66.6	100.0
268	77.3	69.8	104.8



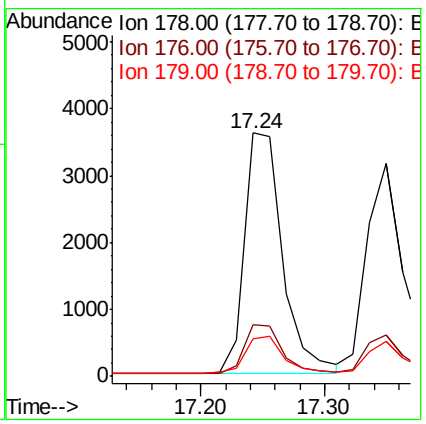


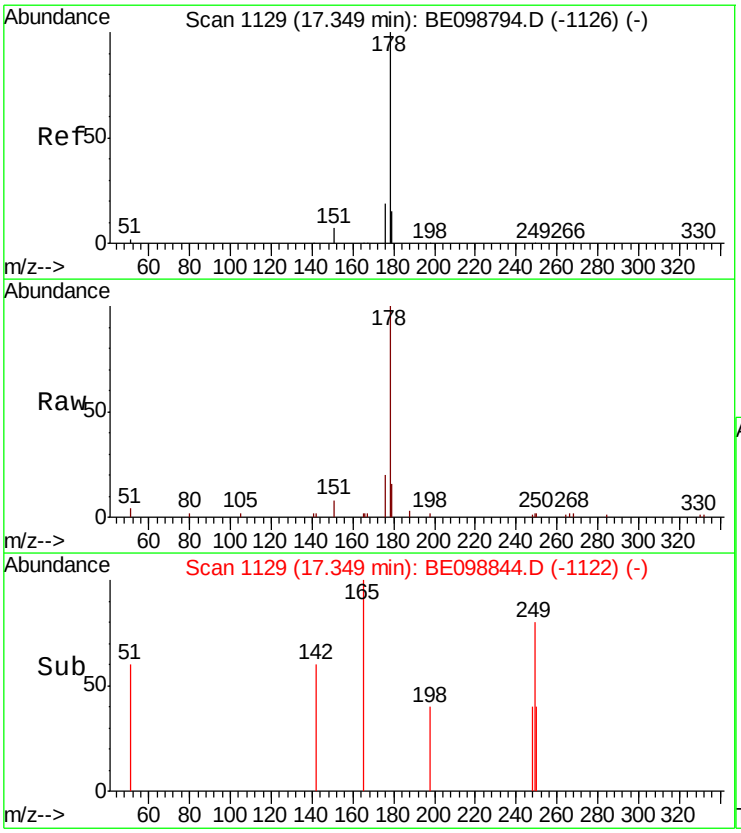
#23
Phenanthrene
Concen: 0.376 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7657

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.4	12.1	18.1

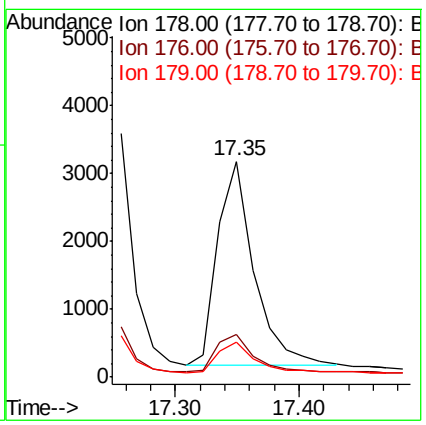


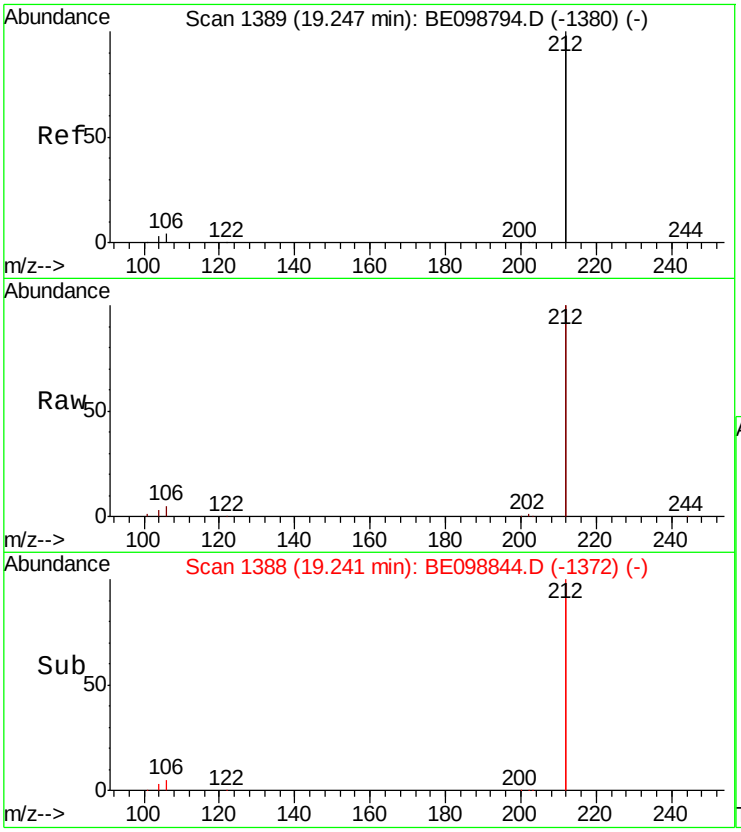


#24
Anthracene
Concen: 0.352 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:178 Resp: 6122

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



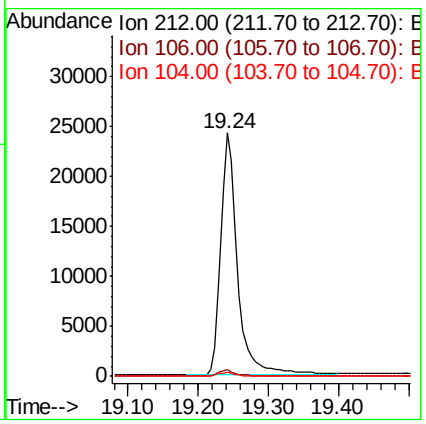


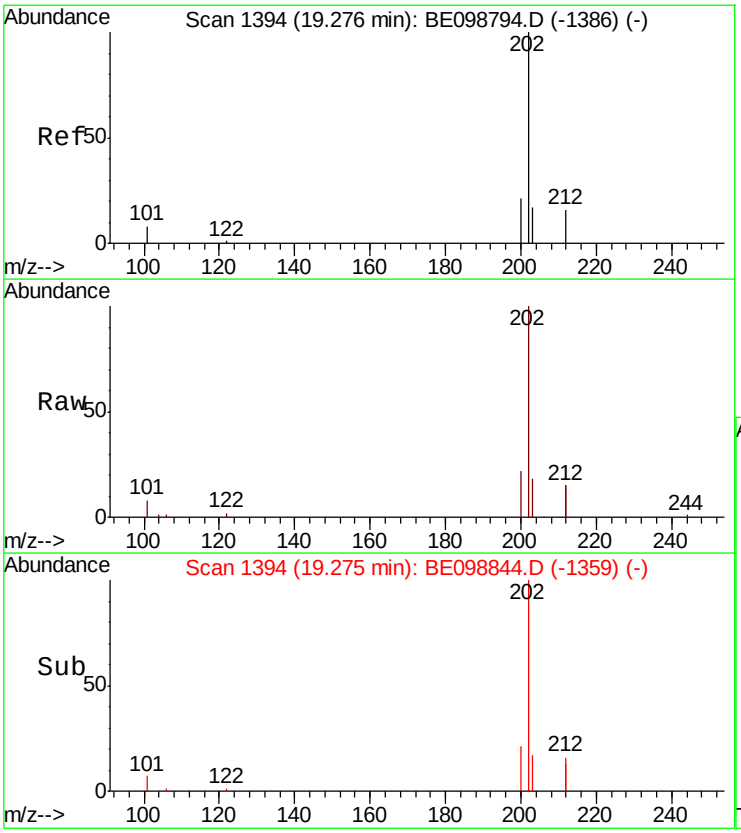
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 40035

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

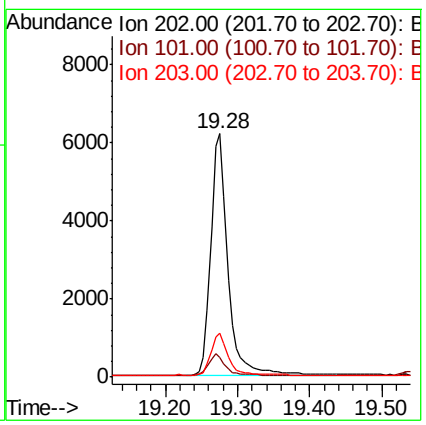


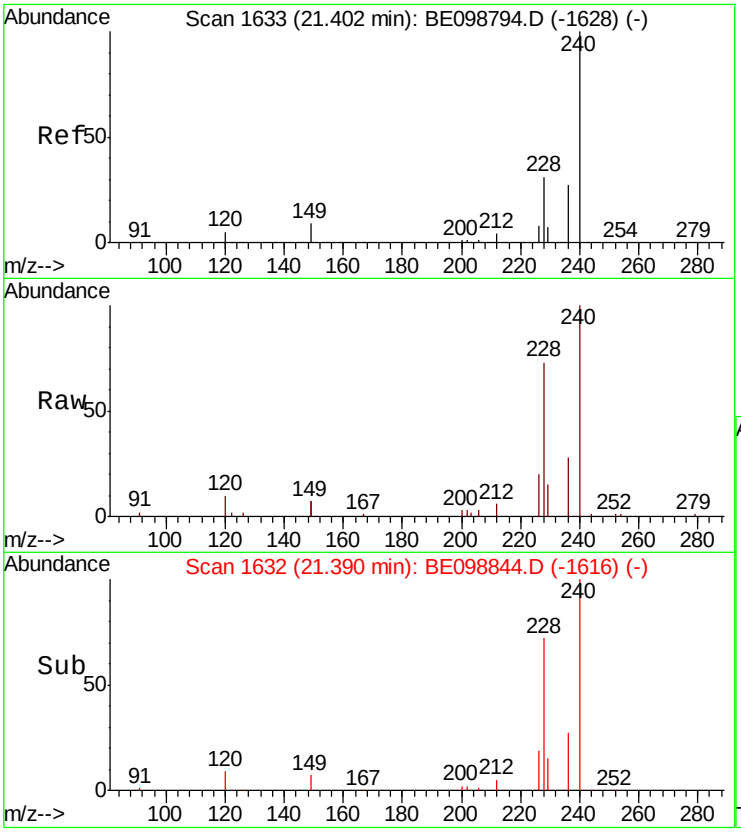


#26
Fluoranthene
Concen: 0.355 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:202 Resp: 10201

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.3	10.9
203	17.0	13.4	20.2



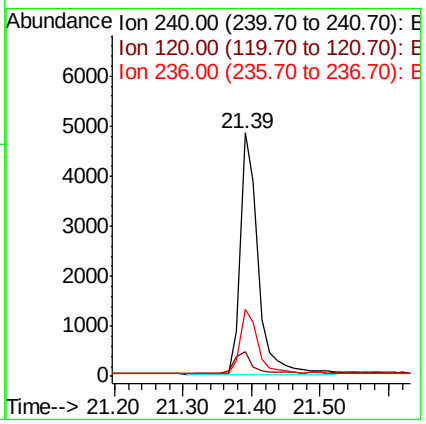


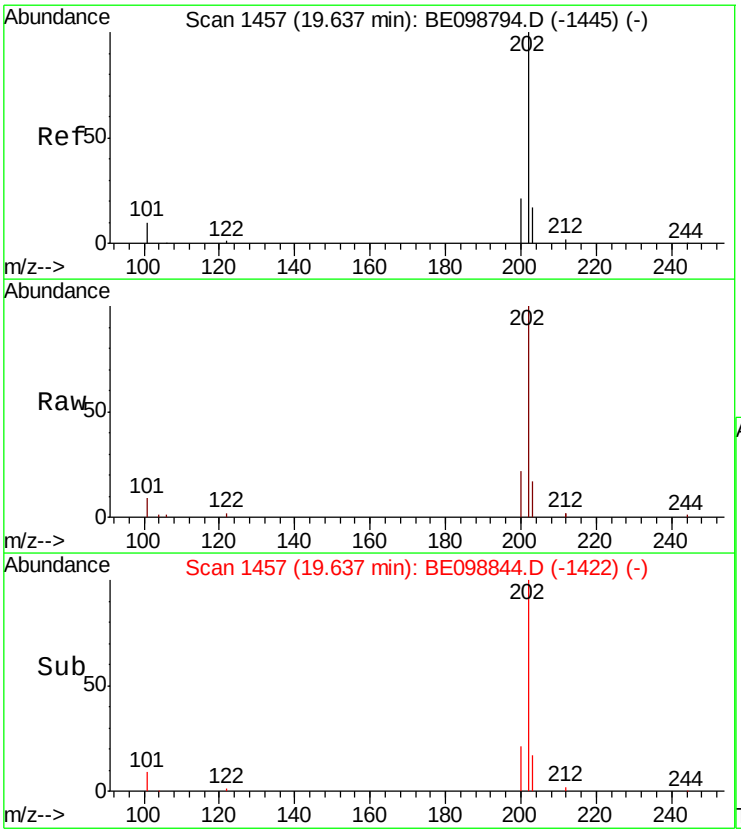
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8689

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.0	7.4#
236	27.8	22.7	34.1

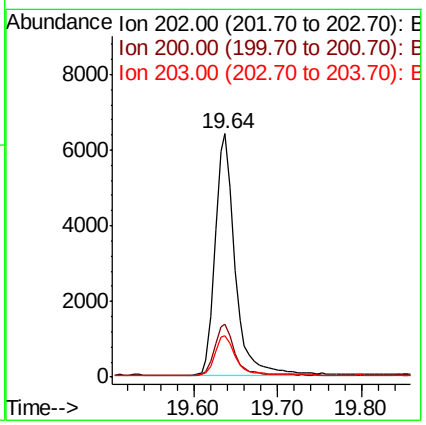


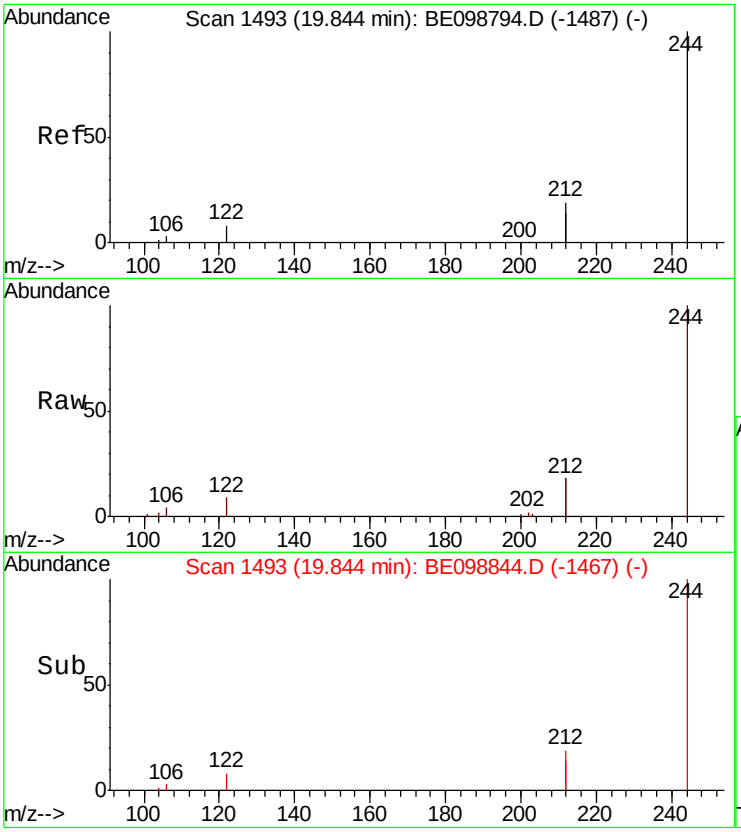


#28
Pyrene
Concen: 0.398 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:202 Resp: 10573

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	16.8	14.2	21.2



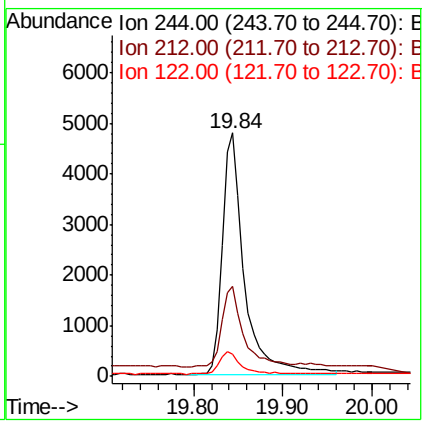


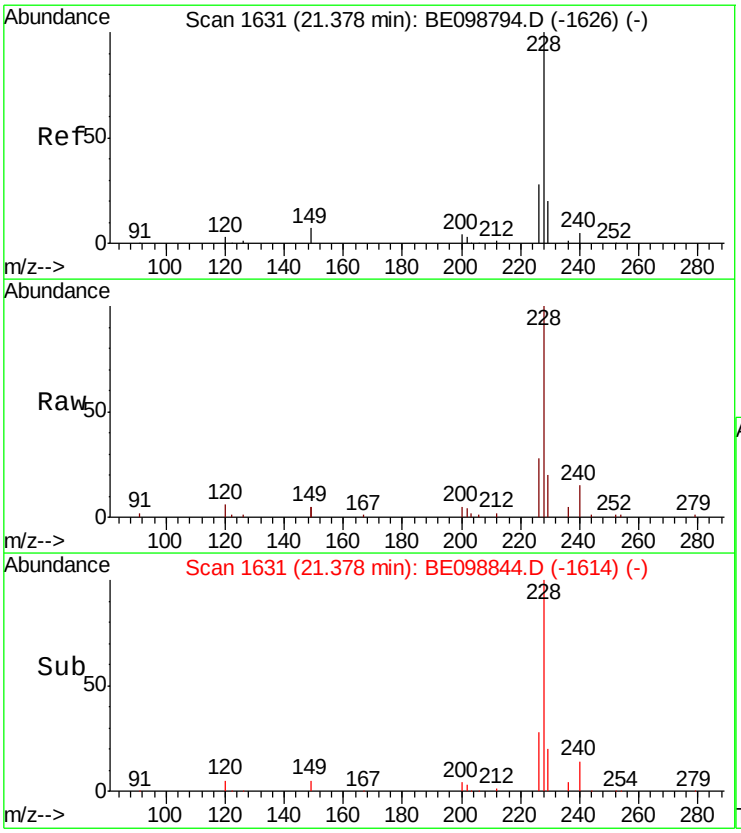
#29
Terphenyl-d14
Concen: 0.380 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 8019

Ion	Ratio	Lower	Upper
244	100		
212	36.7	29.4	44.2
122	9.0	7.1	10.7

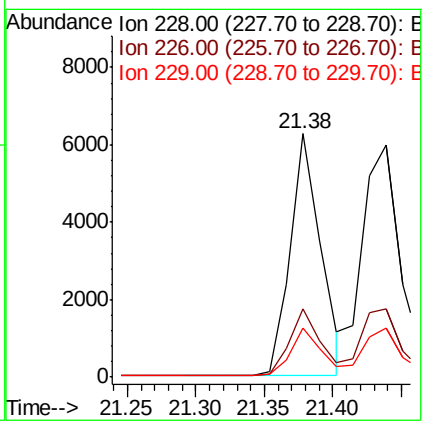


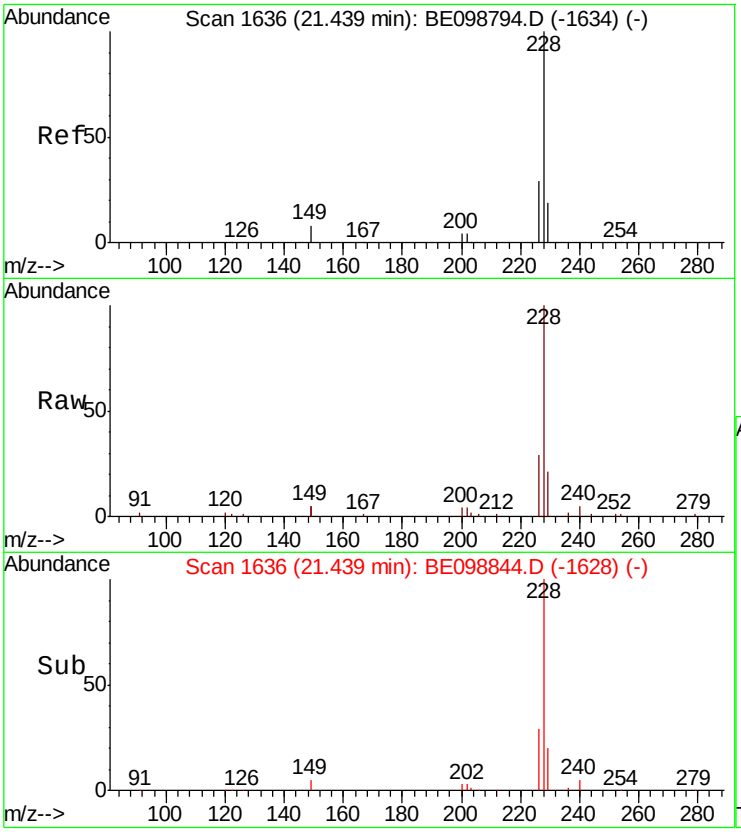


#30
Benzo(a)anthracene
Concen: 0.355 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:228 Resp: 9636

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	20.3	16.5	24.7



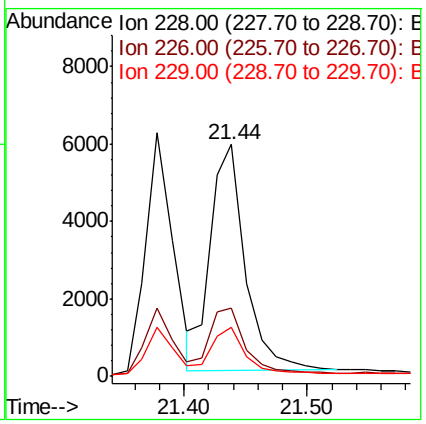


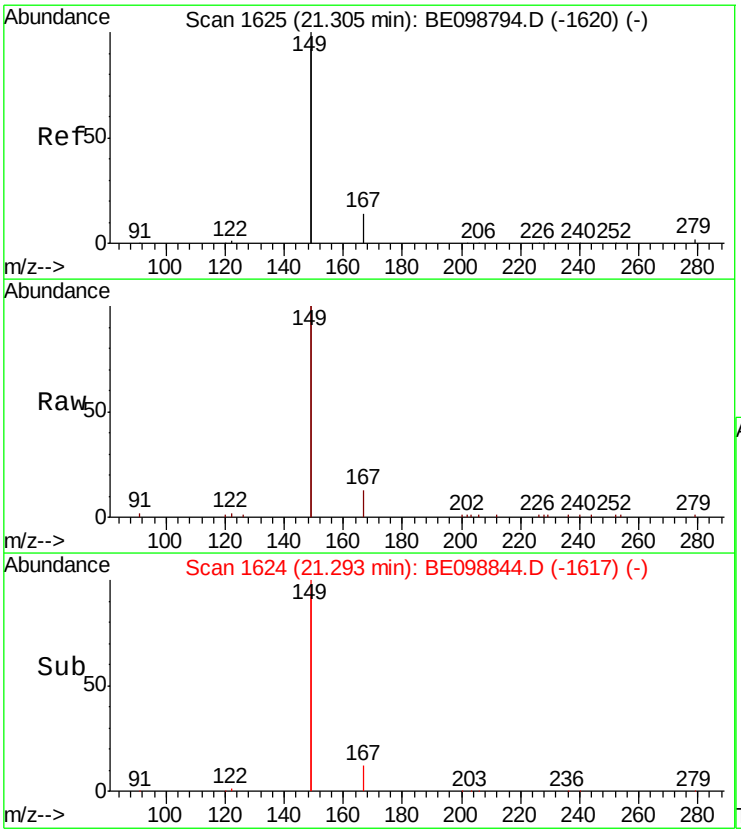
#31
Chrysene
Concen: 0.393 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11415

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	20.9	16.1	24.1

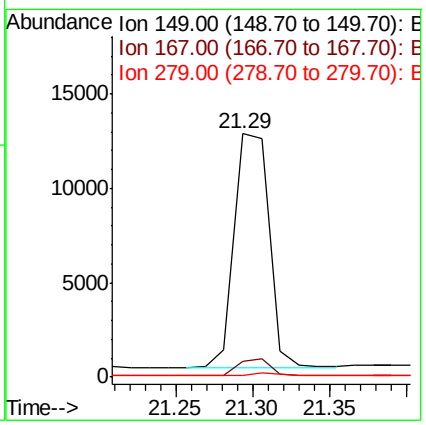


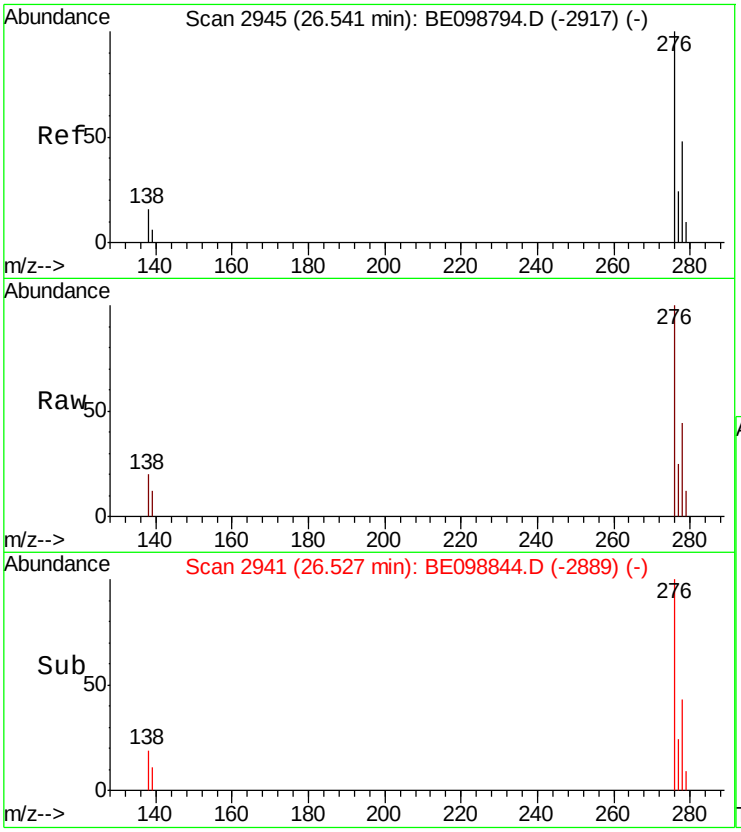


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.337 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:149 Resp: 19423

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



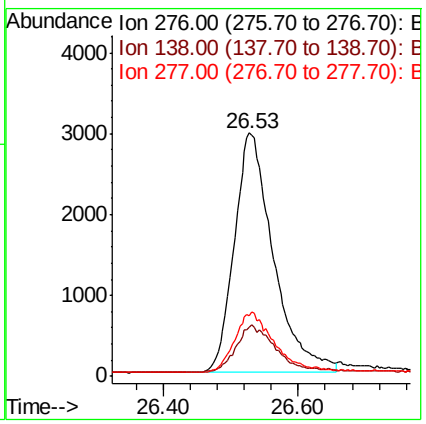


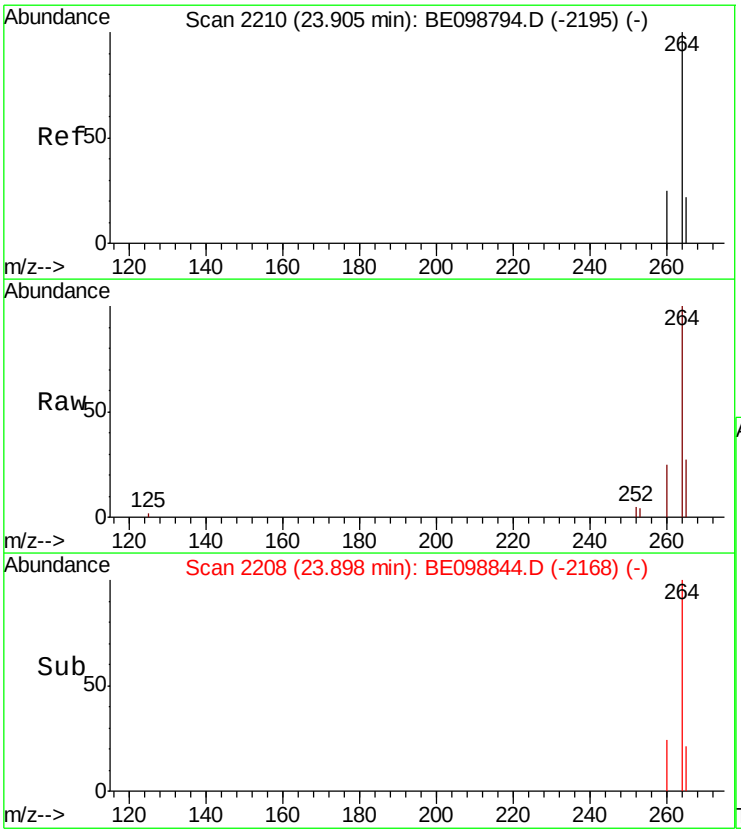
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11970

Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.8	20.8
277	25.3	19.5	29.3

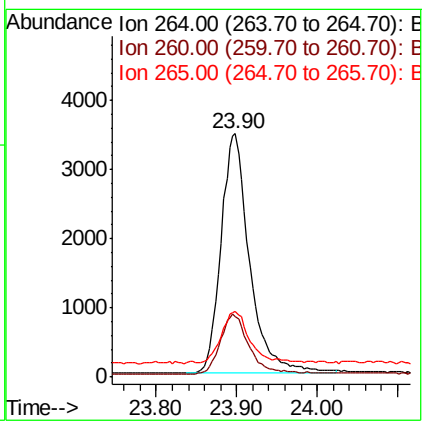


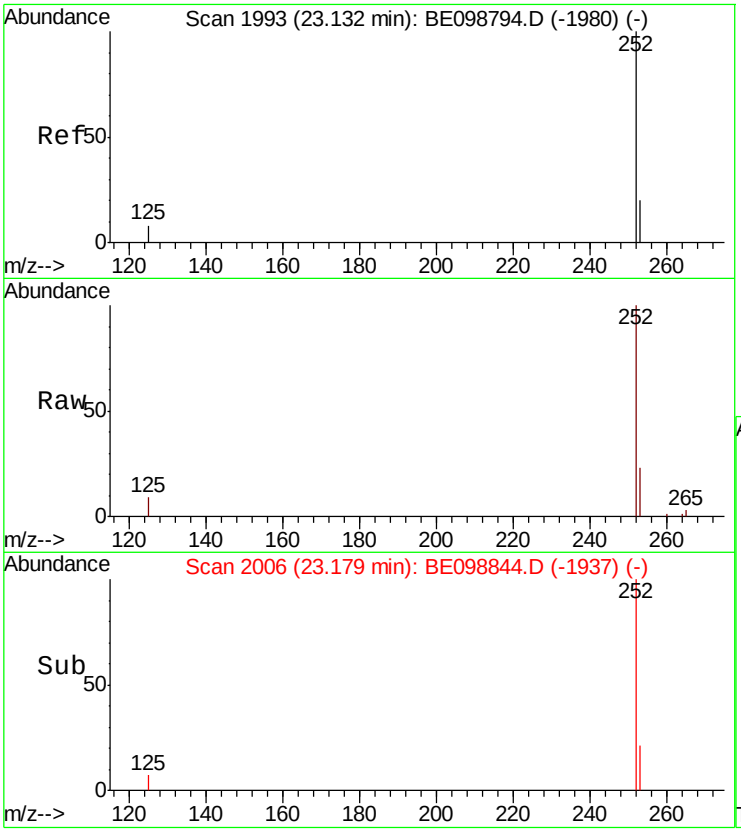


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:264 Resp: 8571

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.2	31.8
265	26.8	24.6	36.8



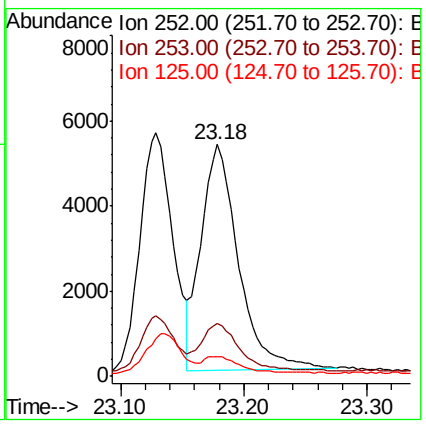


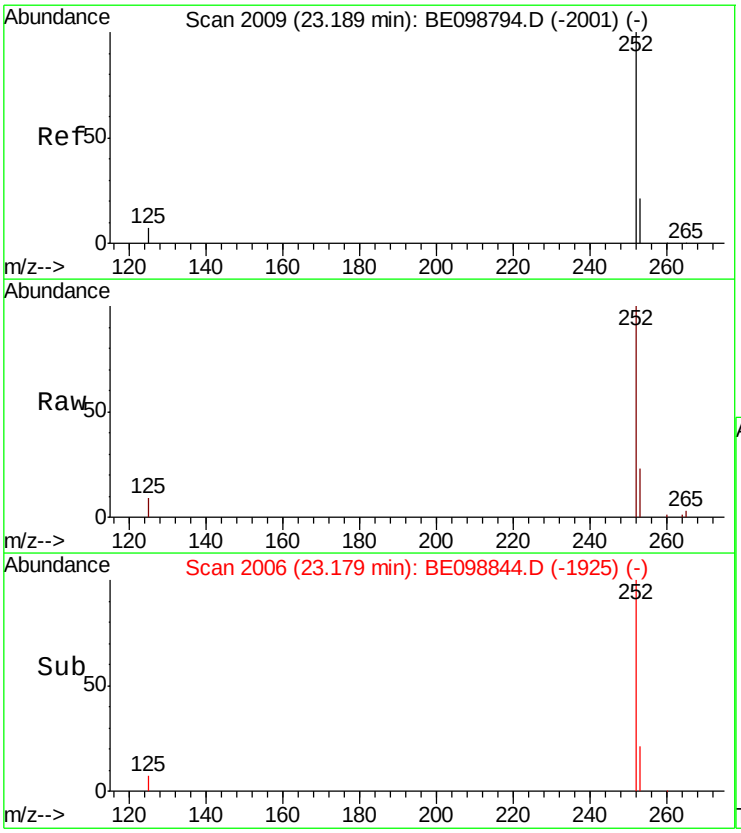
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11192

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.5	7.3	10.9

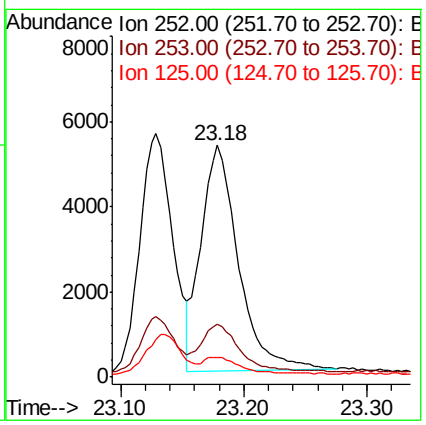


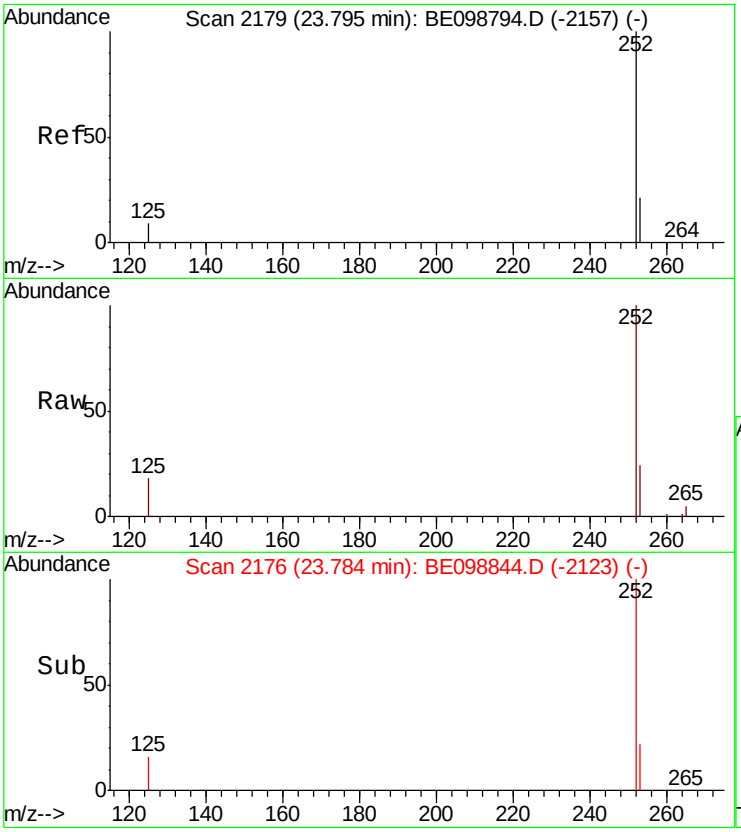


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:252 Resp: 11192

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	8.5	7.5	11.3



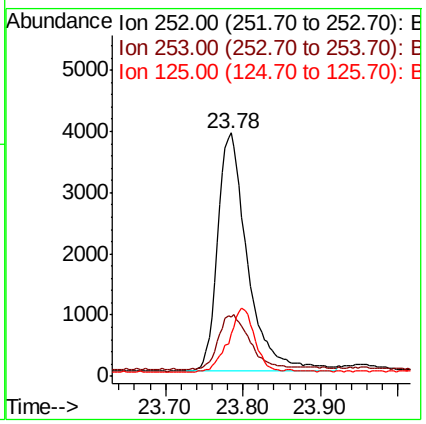


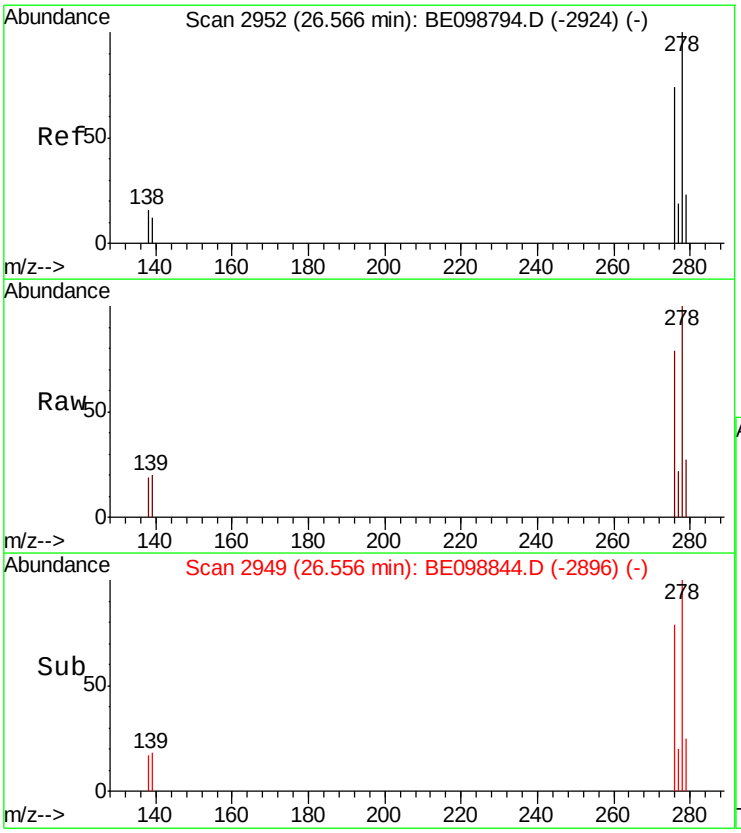
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10458

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.9	29.9
125	17.6	9.0	13.4#

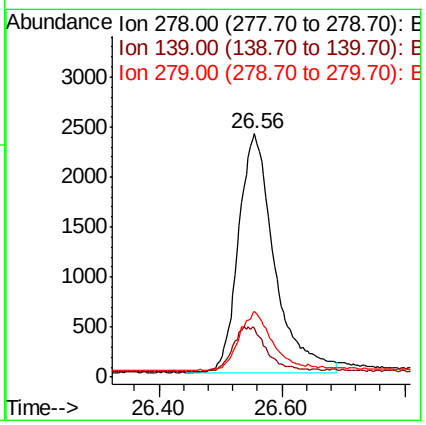


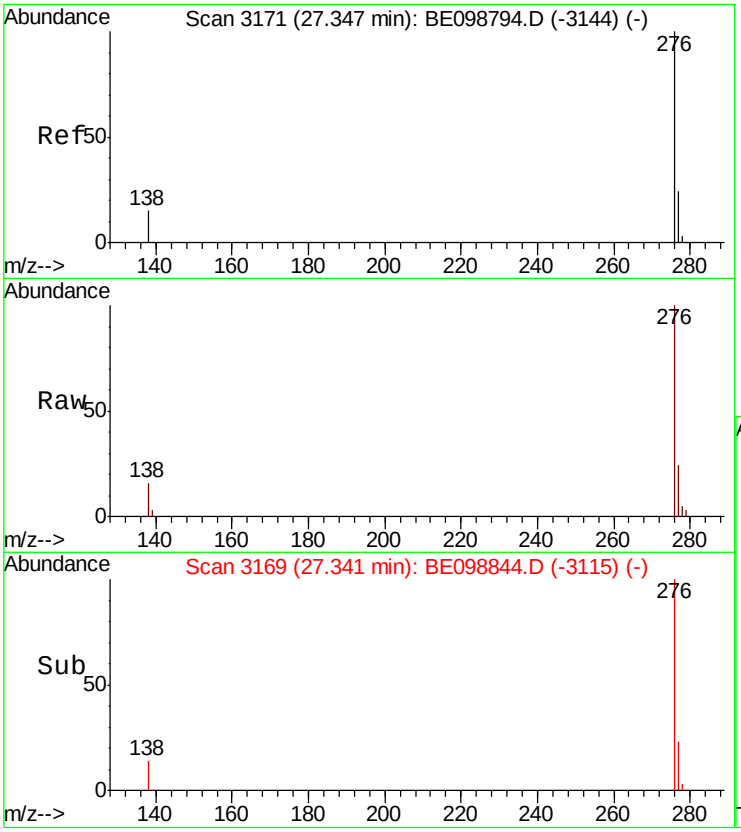


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:278 Resp: 9704

Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.8	17.6#
279	27.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10173

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.4	30.6
138	16.3	13.6	20.4