Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099031.D
Acq On : 19 Mar 2019 11:09
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 19 14:03:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	939	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4268	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2851	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6690	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7905	0.40	ng		-0.01
34) Perylene-d12	23.89	264	7590	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	880	0.31	ng		0.02
5) Phenol-d6	7.00	99	1358	0.34	ng		0.01
8) Nitrobenzene-d5	8.98	82	2104	0.47	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	3102	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	407	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	6482	0.55	ng		-0.01
25) Fluoranthene-d10	19.24	212	38333	0.36	ng		0.00
29) Terphenyl-d14	19.84	244	22567	1.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	672	0.361	ng		95
6) bis(2-Chloroethyl)ether	7.24	93	929	0.304	ng	#	90
9) Naphthalene	10.64	128	19530	0.400	ng		100
10) Hexachlorobutadiene	10.91	225	1244	0.385	ng		99
12) 2-Methylnaphthalene	12.27	142	2976	0.375	ng		98
16) Acenaphthylene	14.17	152	5497	0.375	ng		98
17) Acenaphthene	14.51	154	3402	0.391	ng		97
18) Fluorene	15.50	166	4640	0.370	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1531	0.422	ng		94
21) Hexachlorobenzene	16.51	284	1840	0.427	ng		95
22) Pentachlorophenol	16.91	266	136	0.357	ng		93
23) Phenanthrene	17.24	178	7639	0.402	ng		99
24) Anthracene	17.35	178	5769	0.355	ng		100
26) Fluoranthene	19.27	202	10091	0.376	ng		100
28) Pyrene	19.63	202	10303	0.426	ng		100
30) Benzo(a)anthracene	21.38	228	8422	0.341	ng		97
31) Chrysene	21.43	228	11283	0.427	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17162	0.327	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	9311	0.334	ng		97
35) Benzo(b)fluoranthene	23.17	252	10866	0.435	ng		98
36) Benzo(k)fluoranthene	23.17	252	11429	0.437	ng		99
37) Benzo(a)pyrene	23.78	252	9795	0.409	ng	#	67
38) Dibenzo(a,h)anthracene	26.56	278	6500	0.287	ng		98
39) Benzo(g,h,i)perylene	27.34	276	7792	0.329	ng		97

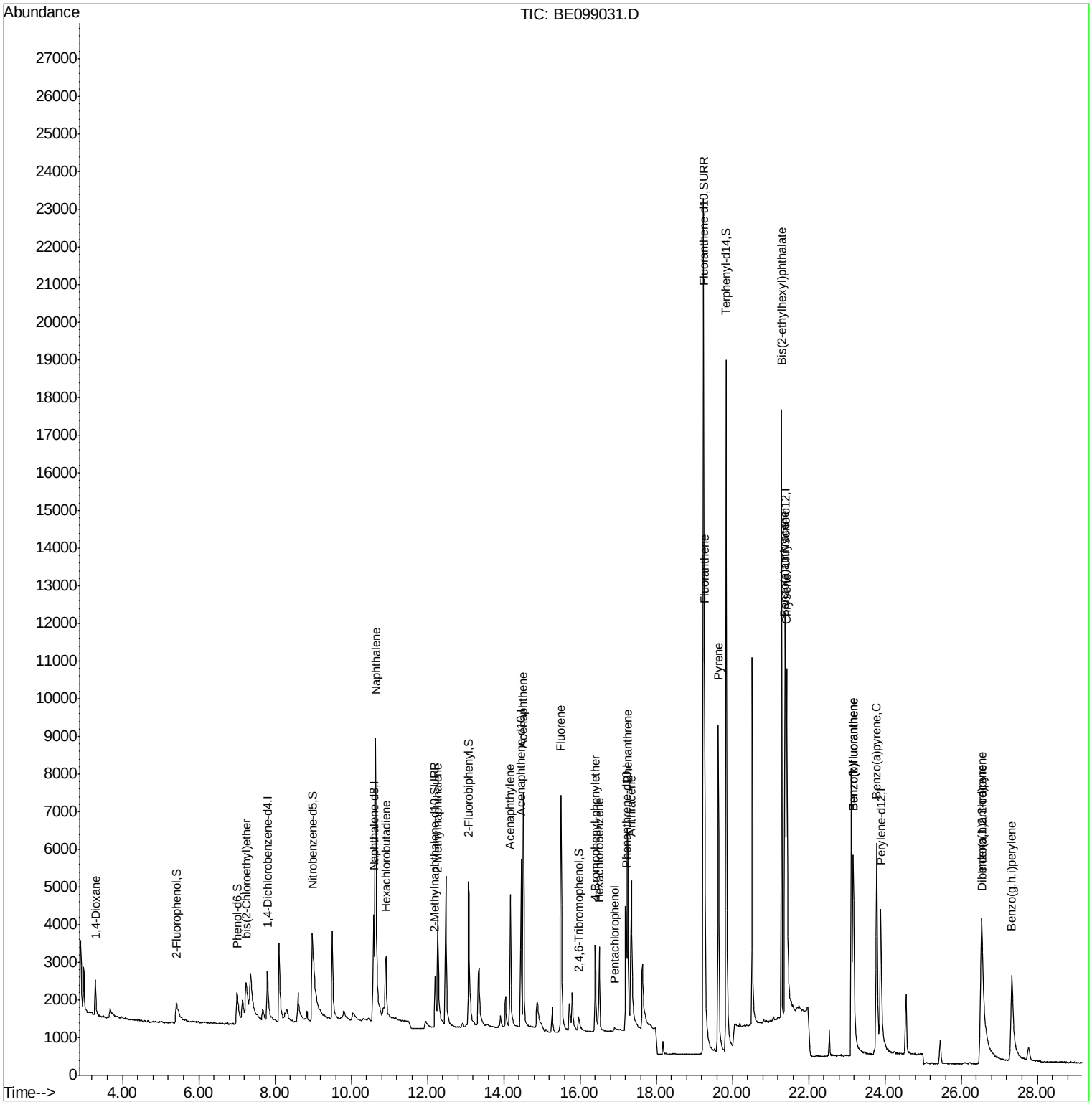
(#) = qualifier out of range (m) = manual integration (+) = signals summed

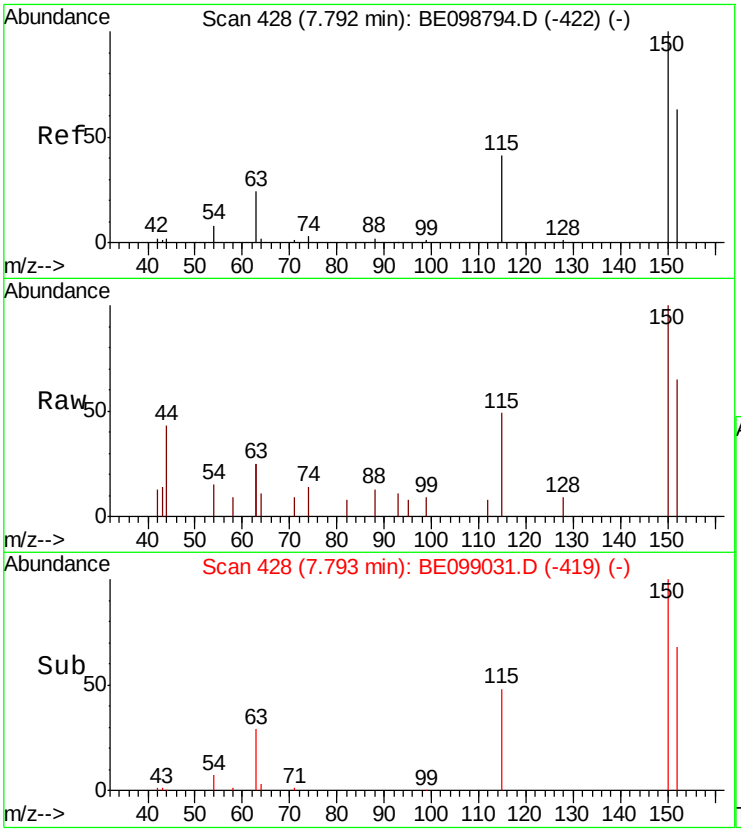
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099031.D
Acq On : 19 Mar 2019 11:09
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 19 14:03:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



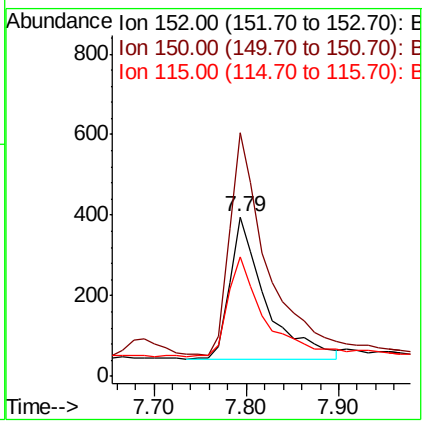


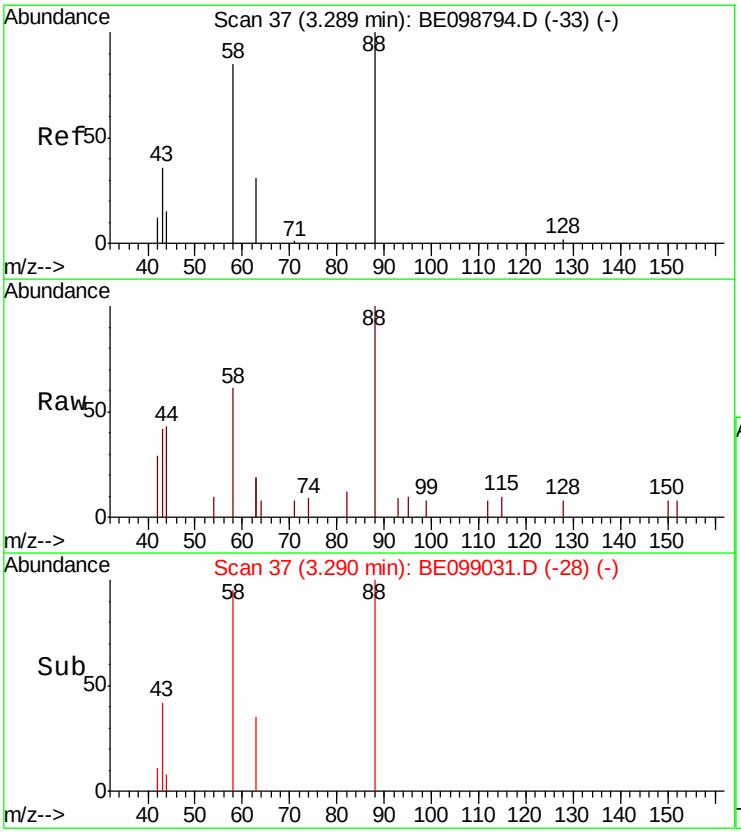
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 939

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.5	183.7
115	74.7	57.4	86.2

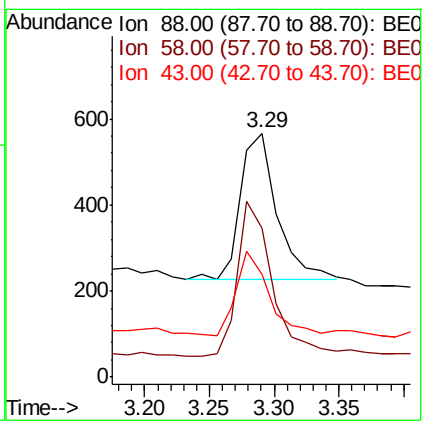


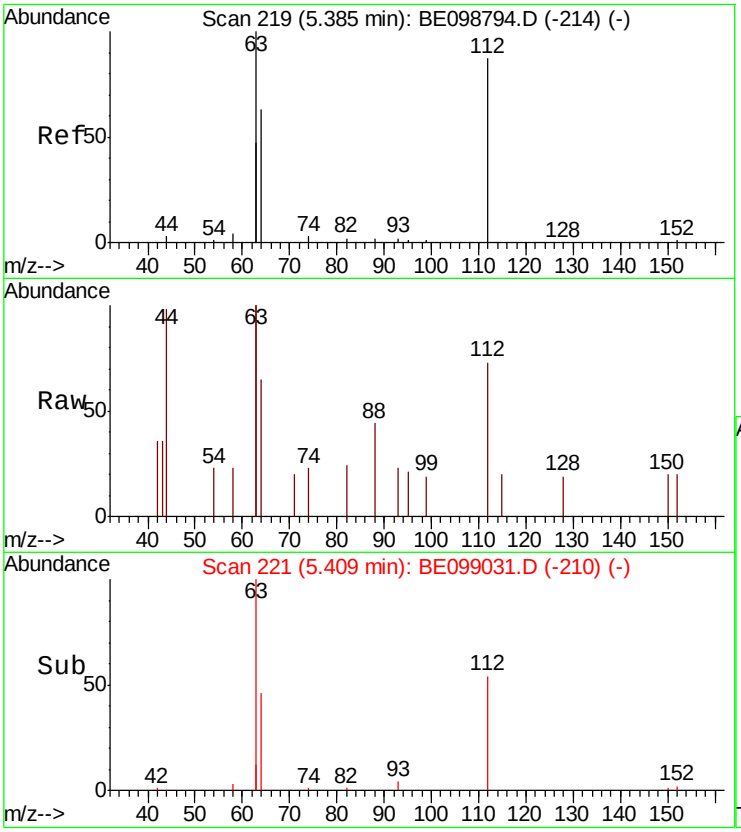


#2
1,4-Dioxane
Concen: 0.361 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 88 Resp: 672

Ion	Ratio	Lower	Upper
88	100		
58	99.4	75.8	113.6
43	49.6	41.8	62.8



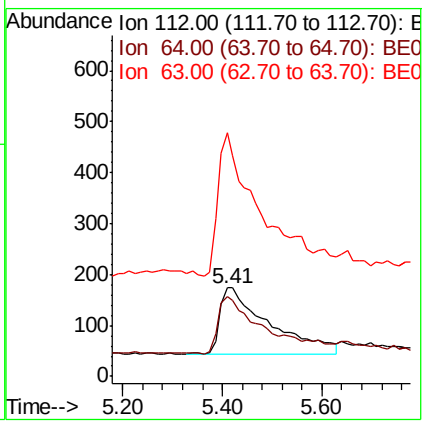


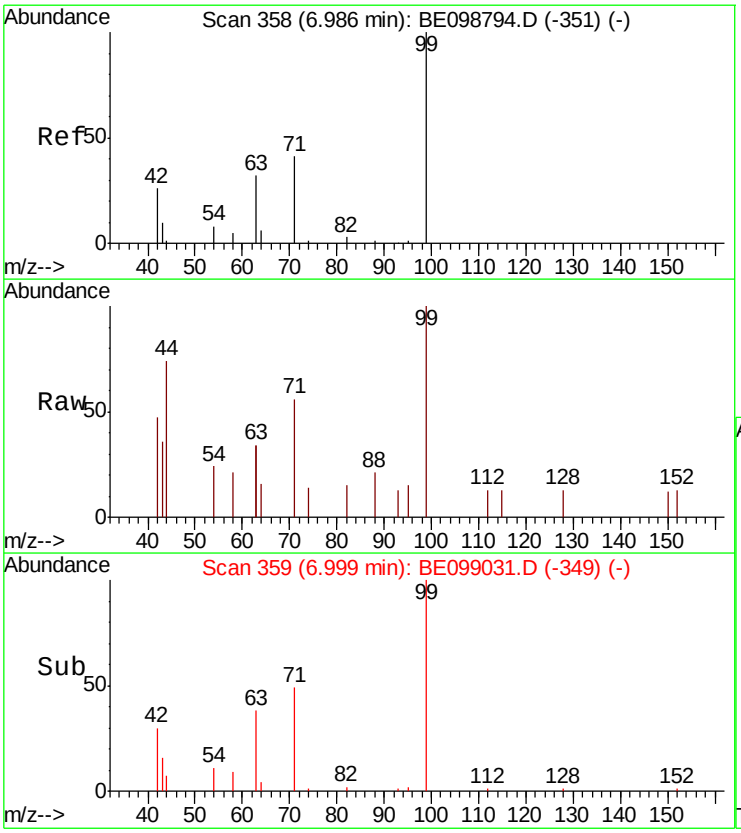
#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:112 Resp: 880

Ion	Ratio	Lower	Upper
112	100		
64	83.1	57.9	86.9
63	201.4	158.3	237.5

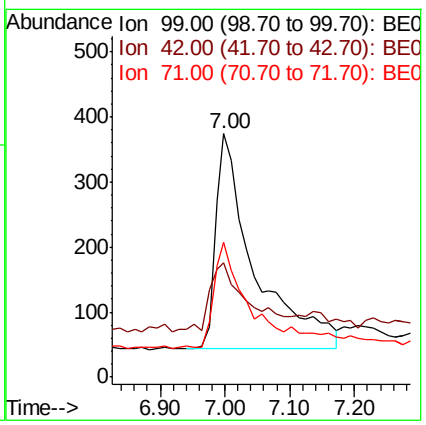


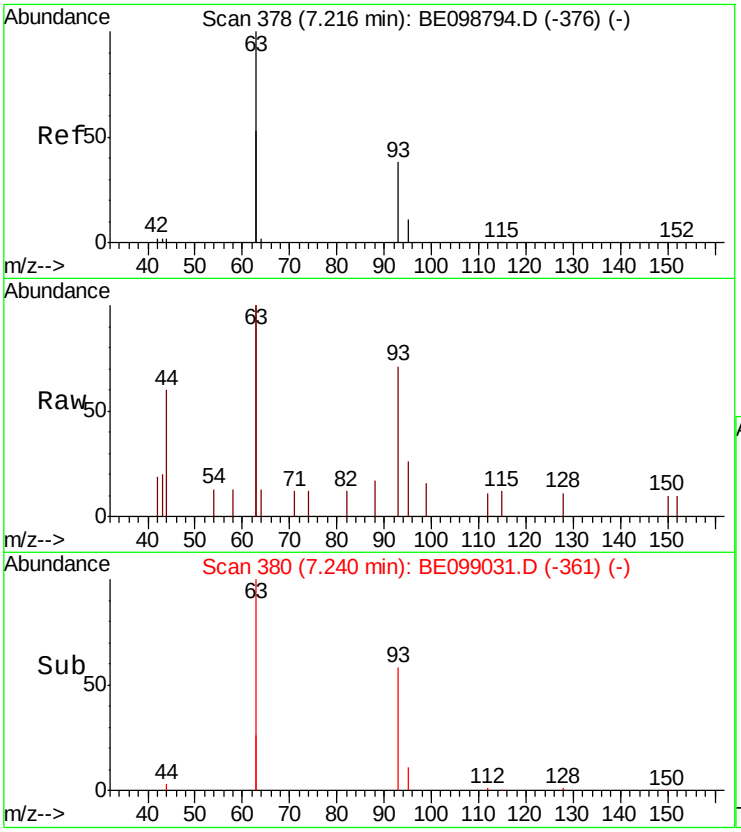


#5
Phenol-d6
Concen: 0.342 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion: 99 Resp: 1358

Ion	Ratio	Lower	Upper
99	100		
42	30.6	24.2	36.2
71	50.1	35.7	53.5



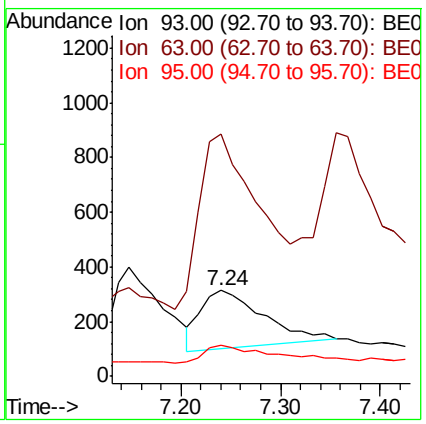


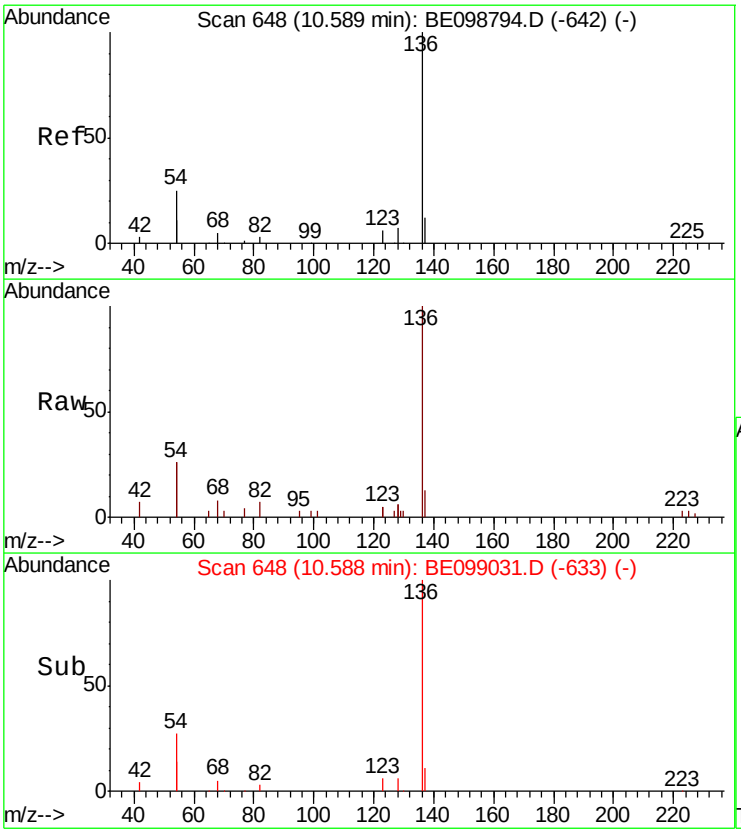
#6
bis(2-Chloroethyl)ether
Concen: 0.304 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 93 Resp: 929

Ion	Ratio	Lower	Upper
93	100		
63	290.9	247.5	371.3
95	35.1	21.8	32.8#

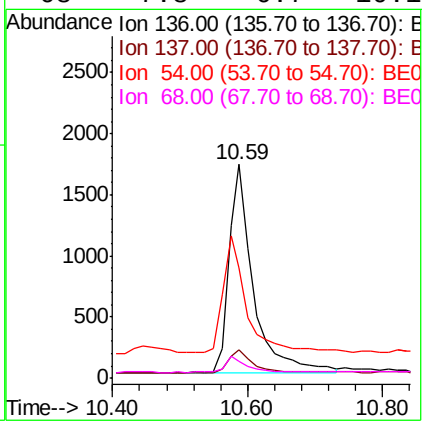


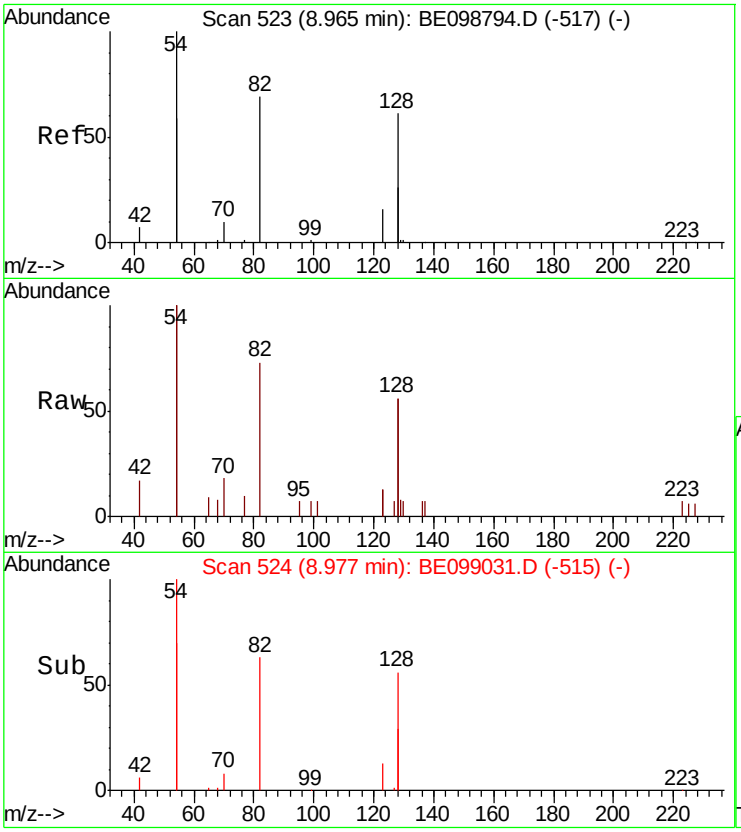


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:136 Resp: 4268

Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.4	17.0
54	51.7	39.3	58.9
68	7.8	6.7	10.1



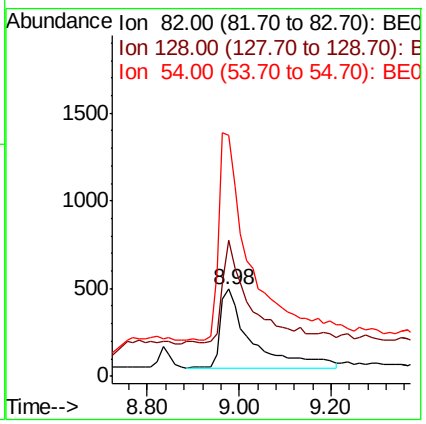


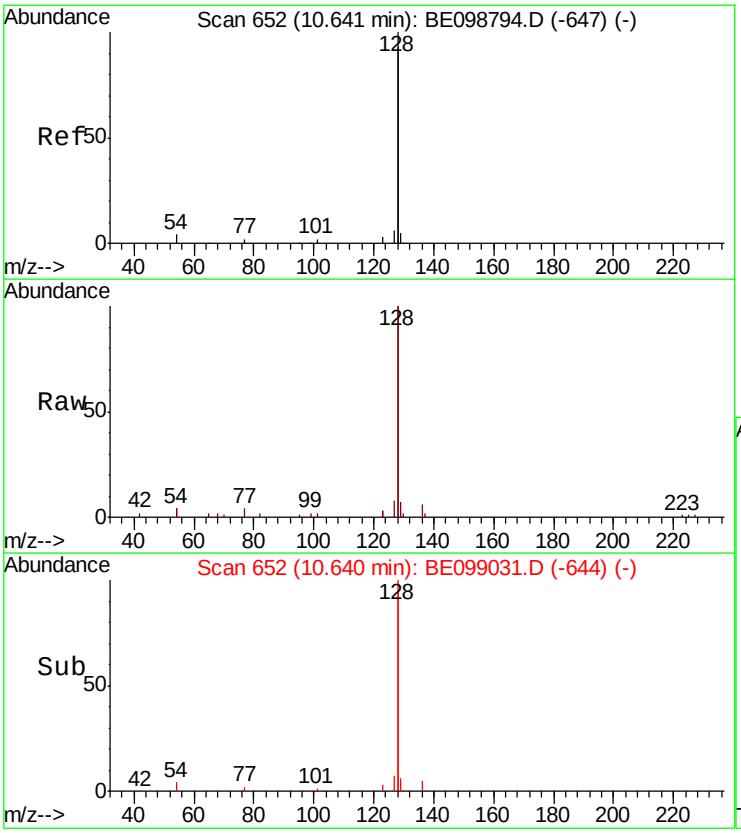
#8
Nitrobenzene-d5
Concen: 0.470 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 82 Resp: 2104

Ion	Ratio	Lower	Upper
82	100		
128	155.0	123.8	185.8
54	275.5	203.4	305.2

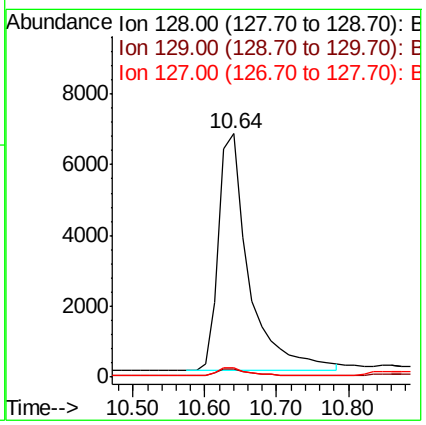


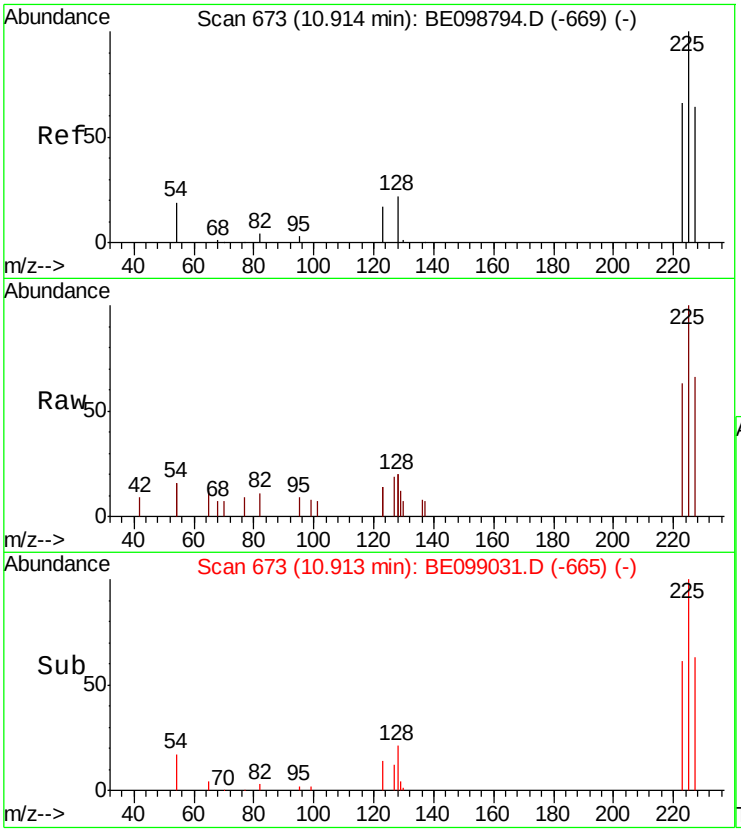


#9
Naphthalene
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:128 Resp: 19530

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	4.1	3.1	4.7



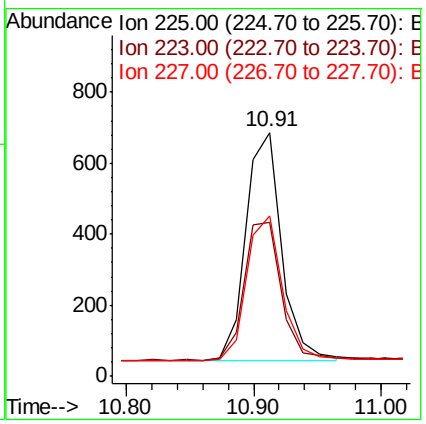


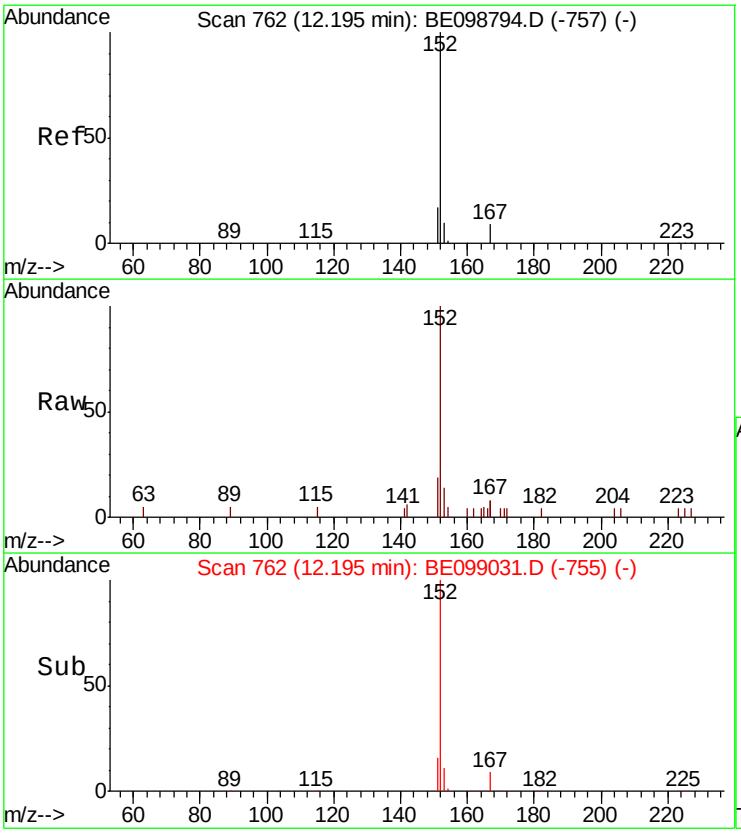
#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:225 Resp: 1244

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.1	76.7
227	63.3	51.6	77.4

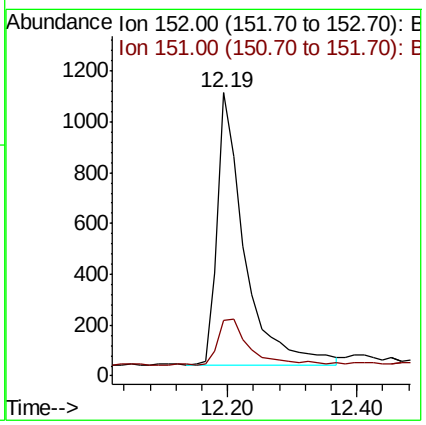


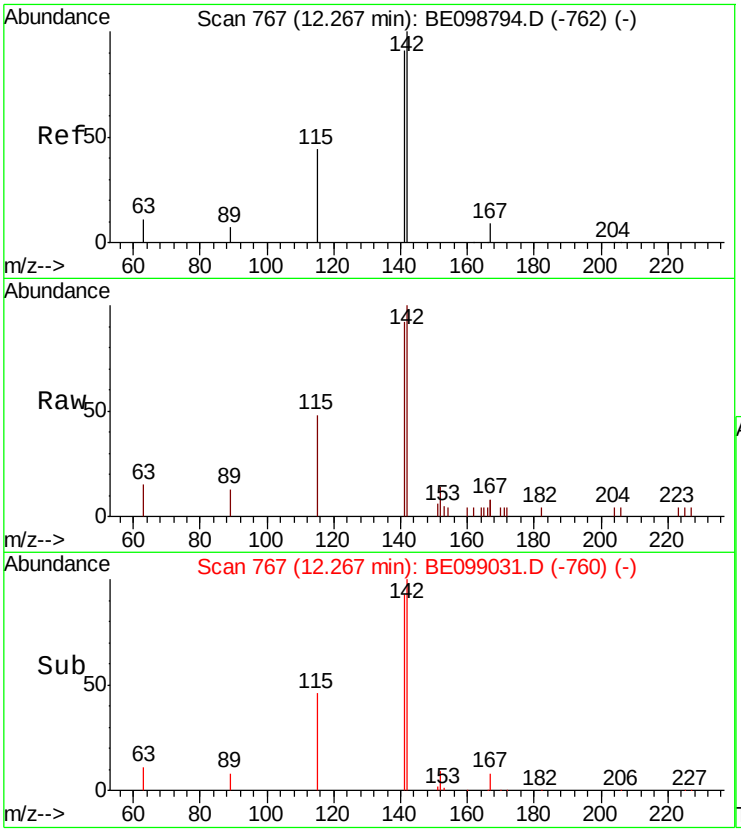


#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:152 Resp: 3102

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.5	24.7



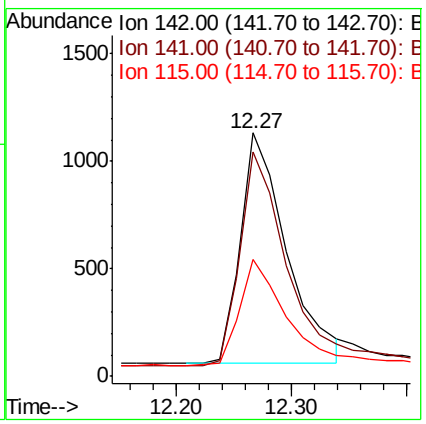


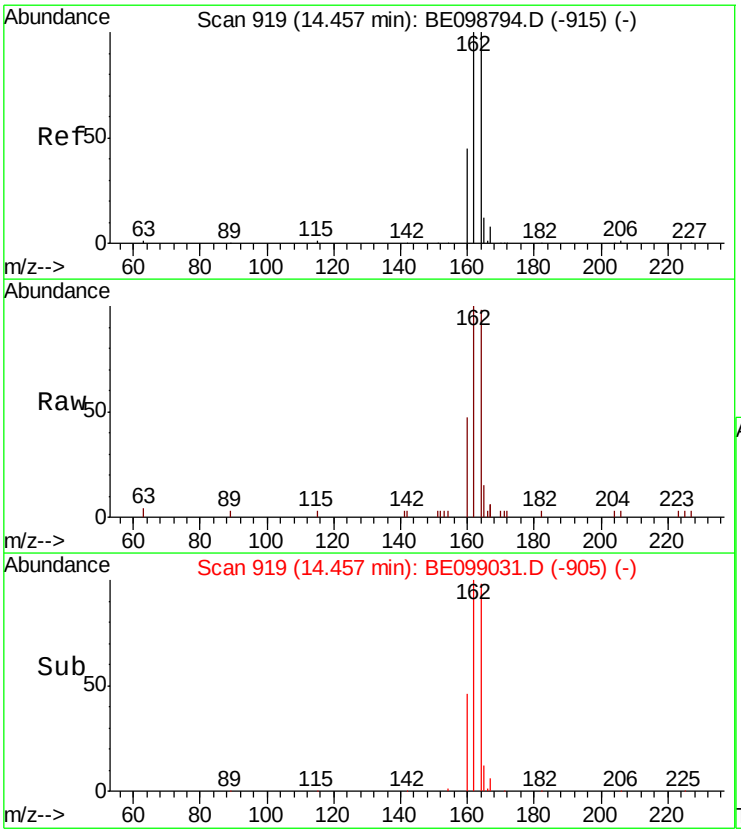
#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 2976

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	108.8
115	48.2	37.4	56.2

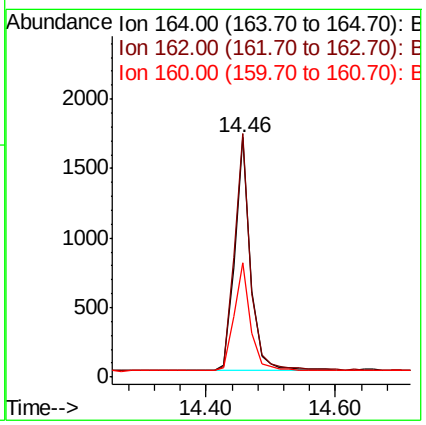


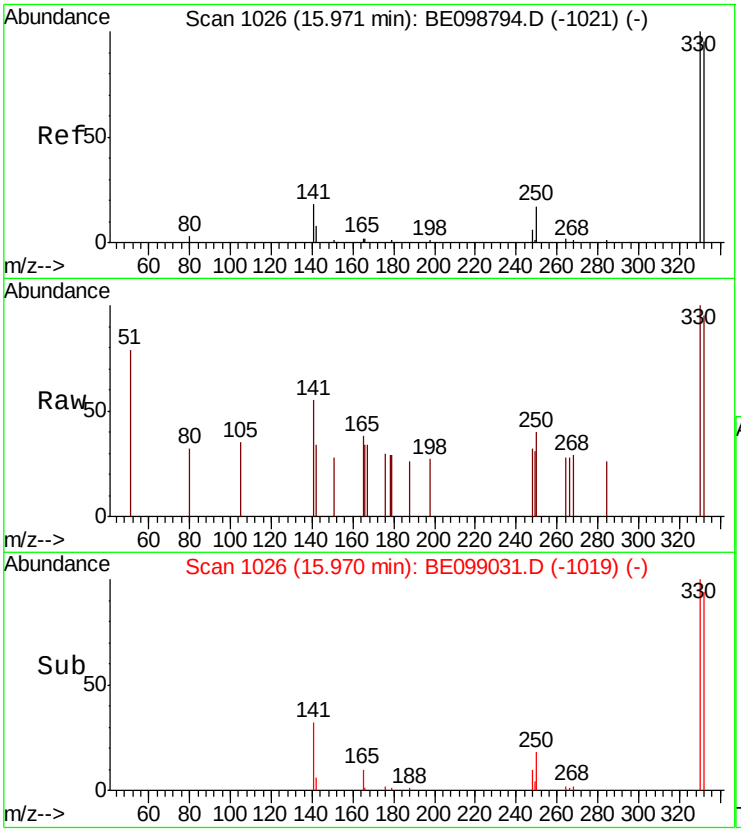


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:164 Resp: 2851

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	47.9	37.8	56.8



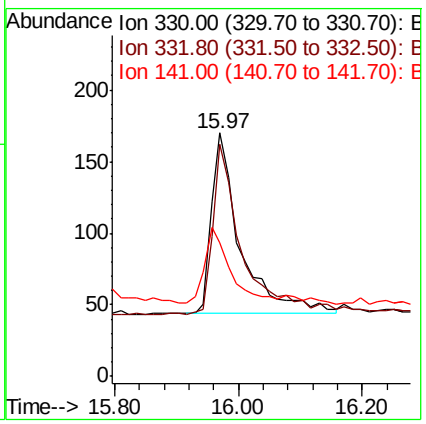


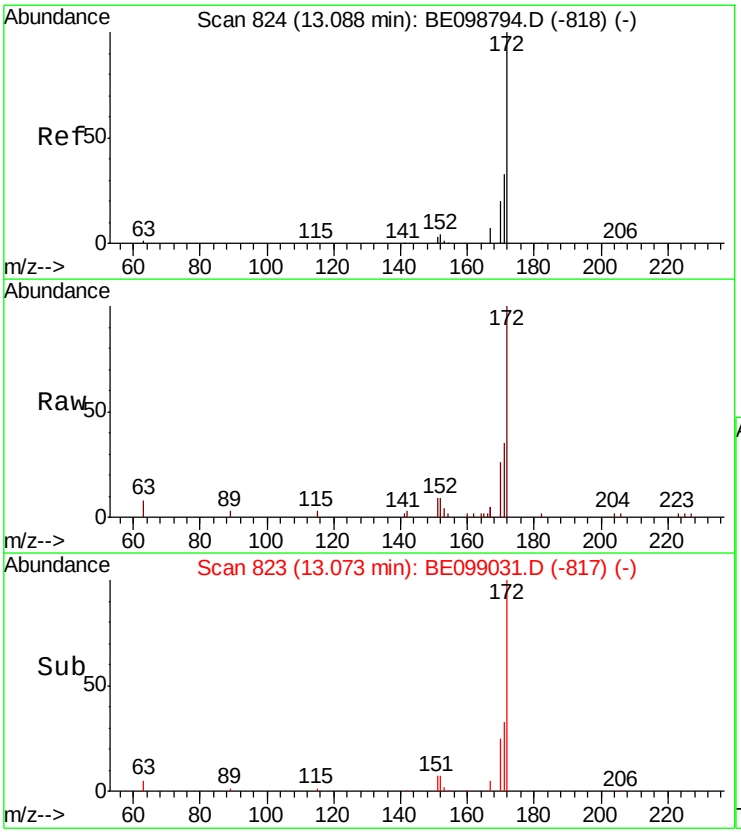
#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 407

Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.6	116.4
141	37.6	31.0	46.4

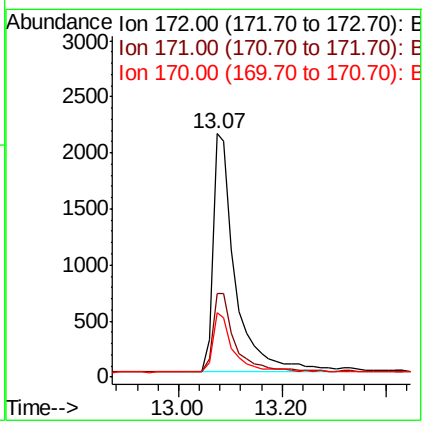


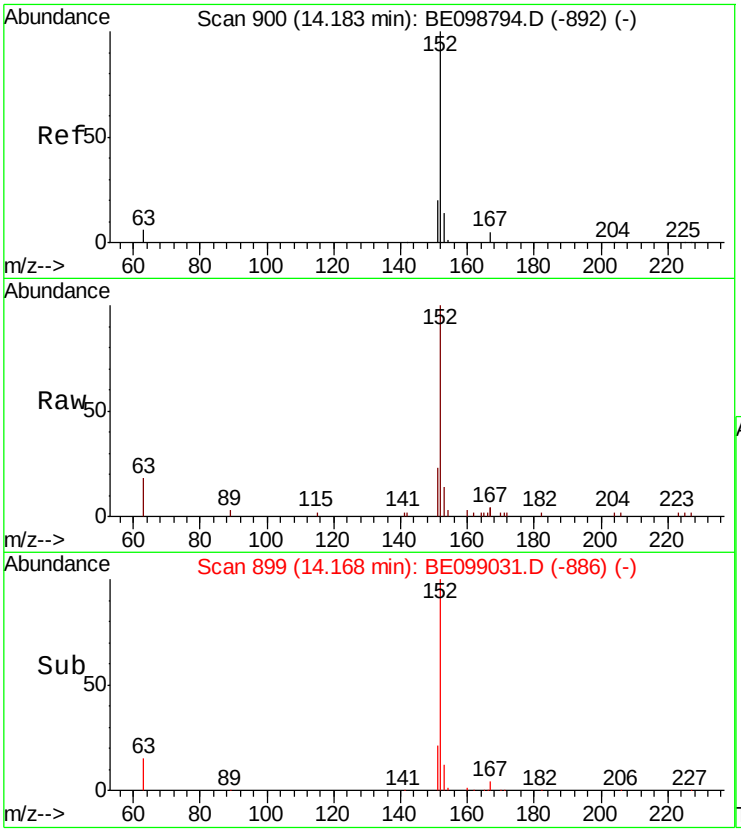


#15
2-Fluorobiphenyl
Concen: 0.549 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:172 Resp: 6482

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	26.4	17.7	26.5



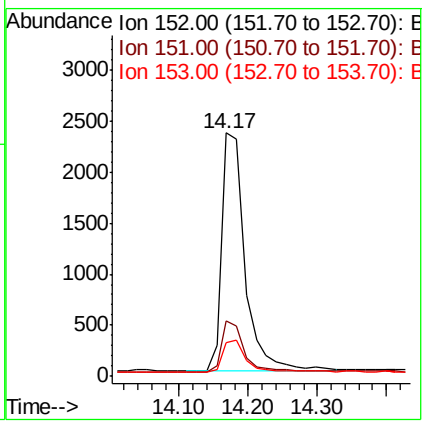


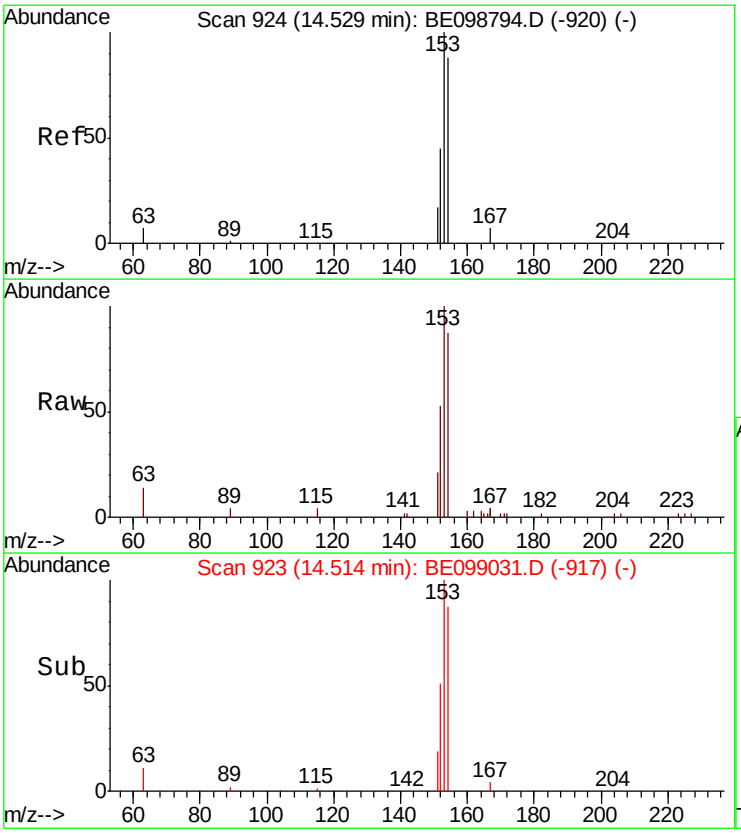
#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5497

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.6
153	13.2	11.2	16.8

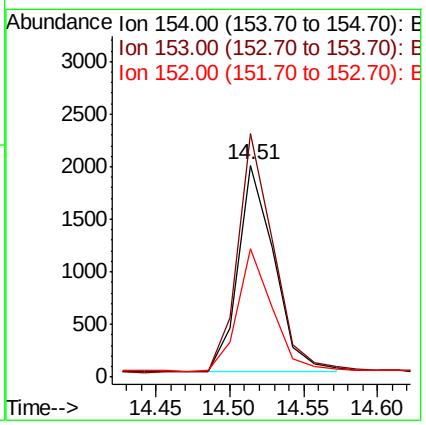


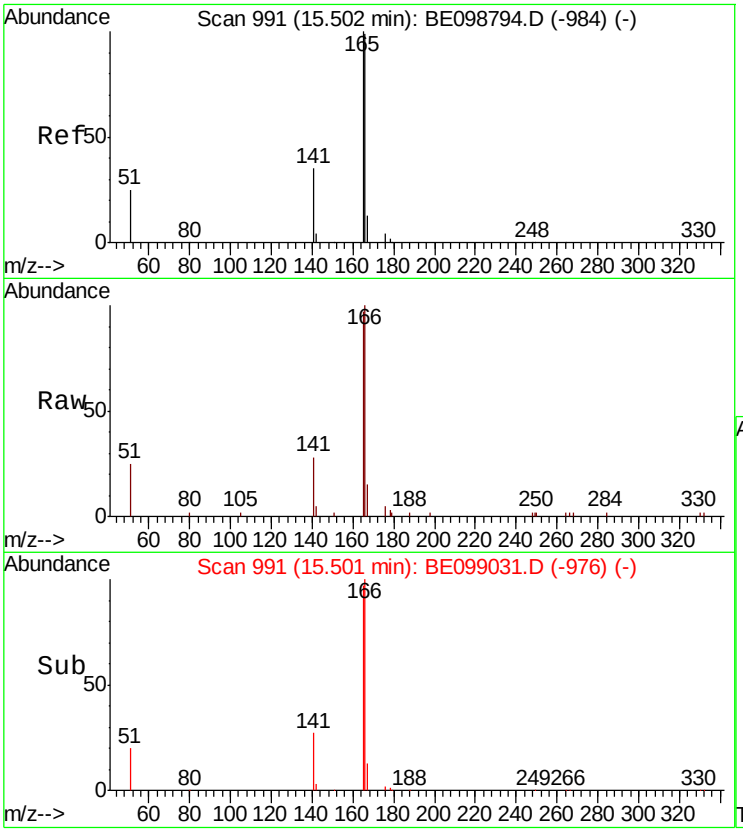


#17
Acenaphthene
Concen: 0.391 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:154 Resp: 3402

Ion	Ratio	Lower	Upper
154	100		
153	113.3	94.2	141.4
152	56.0	45.0	67.4



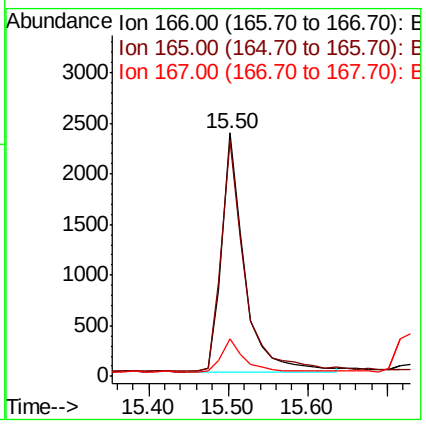


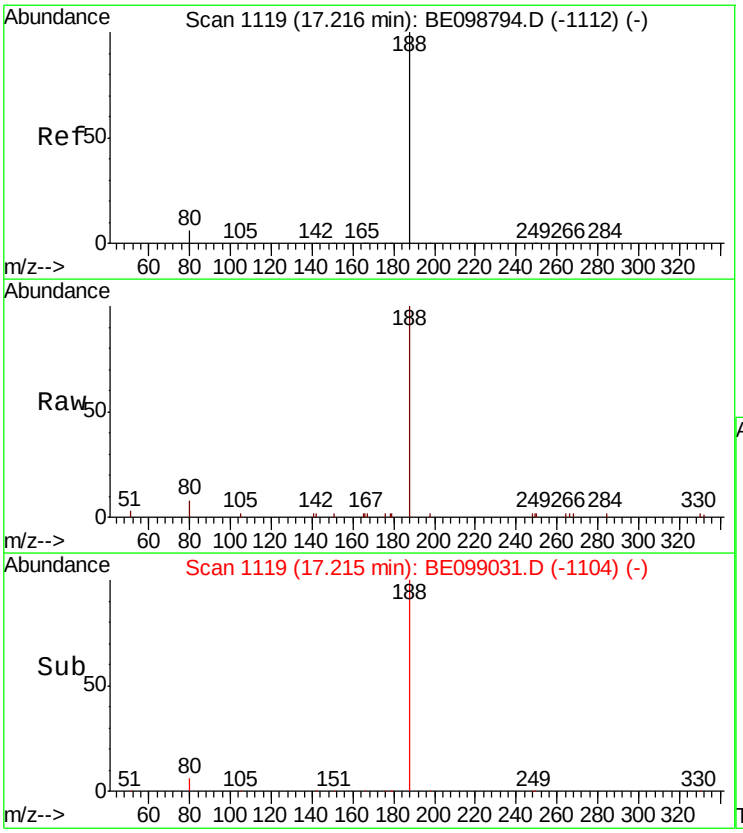
#18
Fluorene
Concen: 0.370 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 4640

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.3	118.9
167	13.8	10.5	15.7

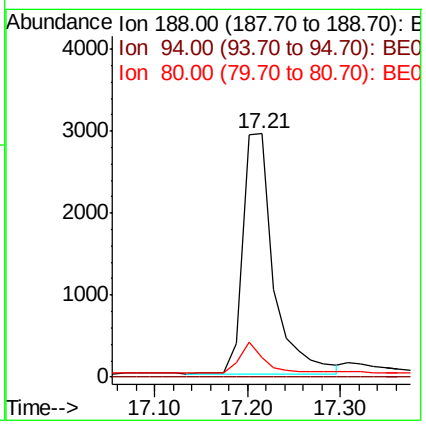


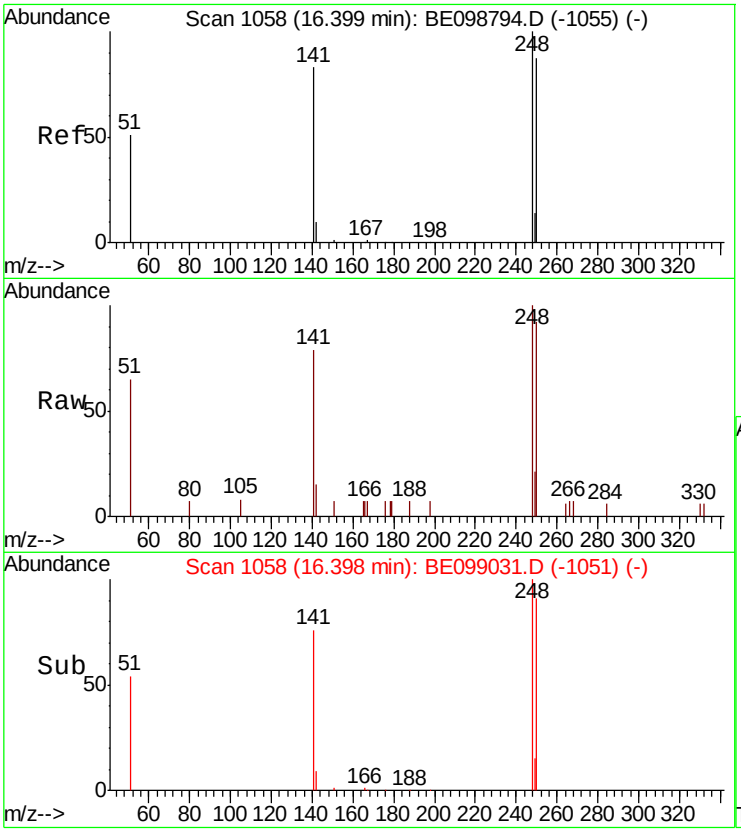


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:188 Resp: 6690

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



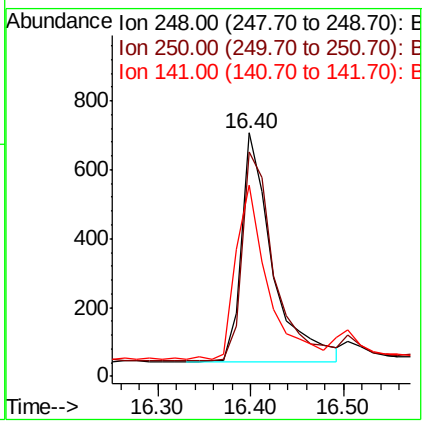


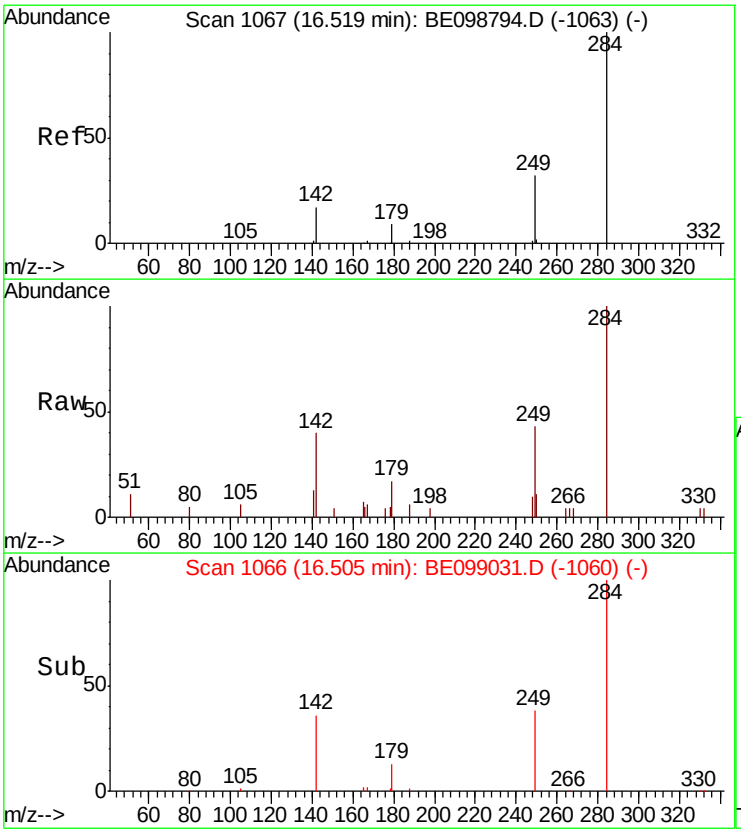
#20
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1531

Ion	Ratio	Lower	Upper
248	100		
250	92.4	70.6	105.8
141	78.6	68.6	102.8

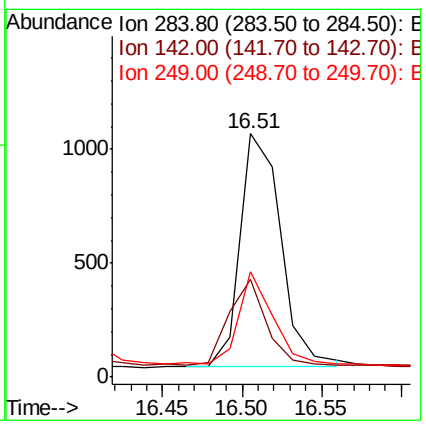


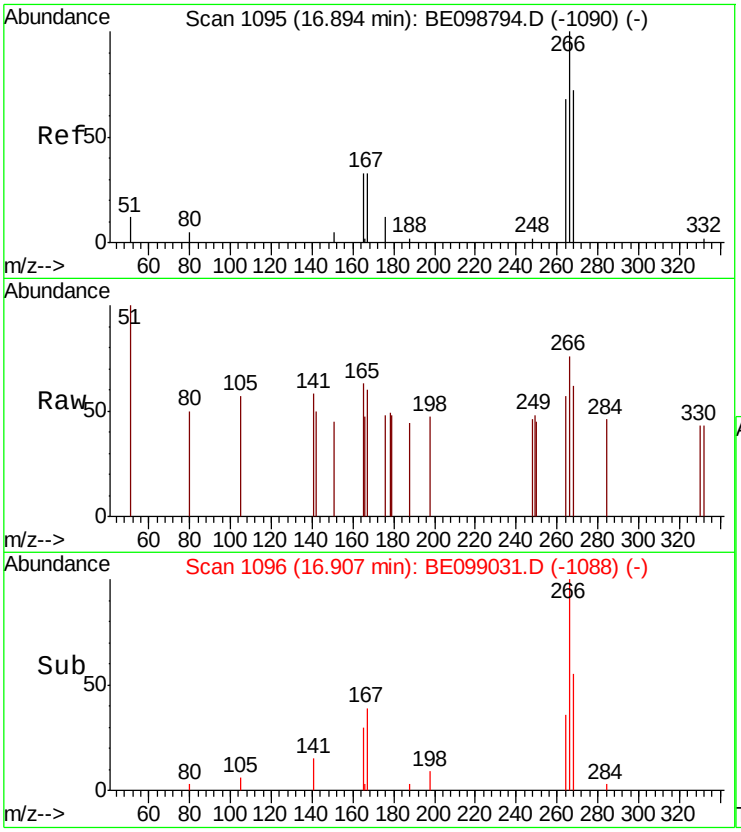


#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:284 Resp: 1840

Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.7	43.1
249	32.7	29.6	44.4



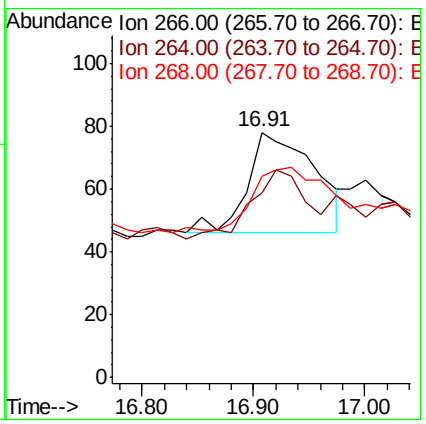


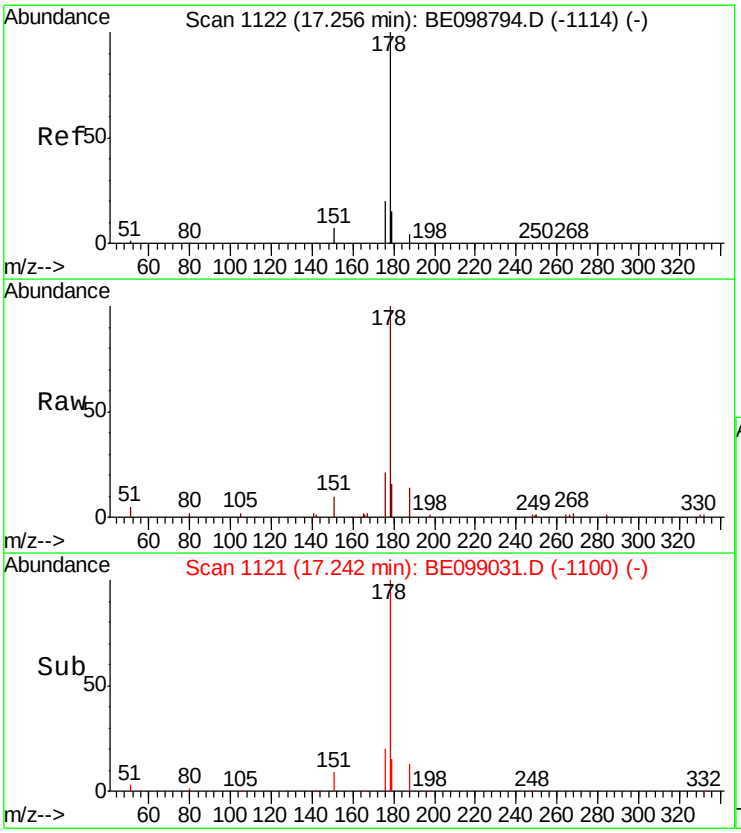
#22
Pentachlorophenol
Concen: 0.357 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	75.6	66.6	100.0
268	82.1	69.8	104.8

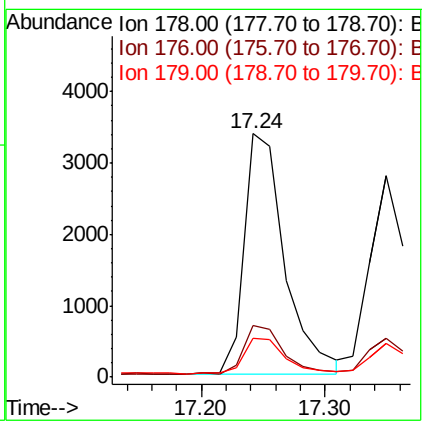


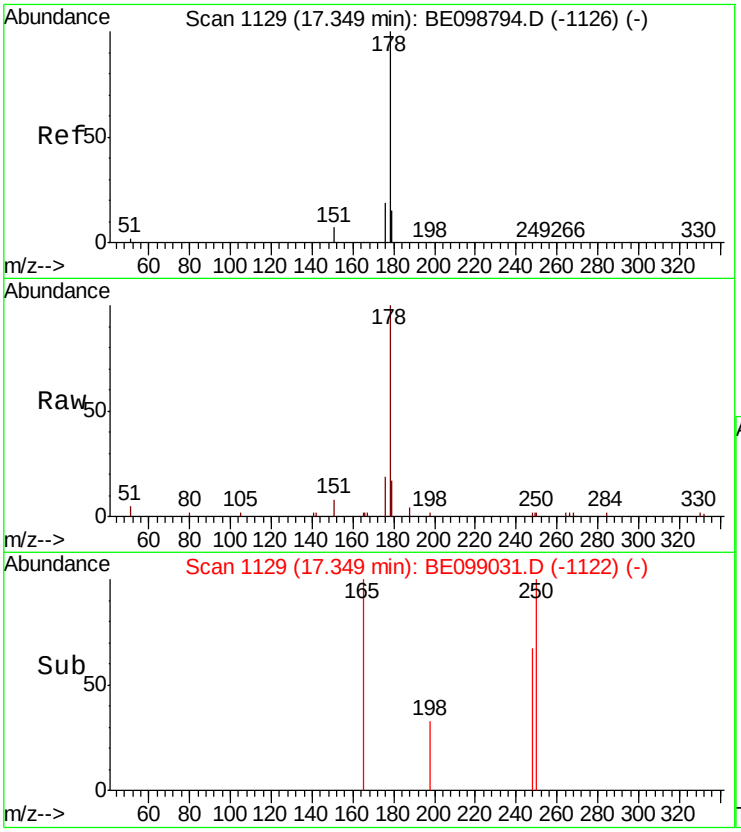


#23
Phenanthrene
Concen: 0.402 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:178 Resp: 7639

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.0	12.1	18.1



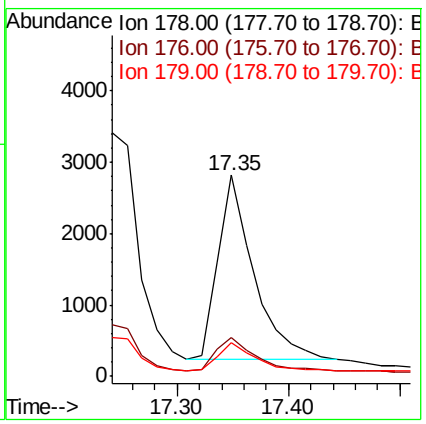


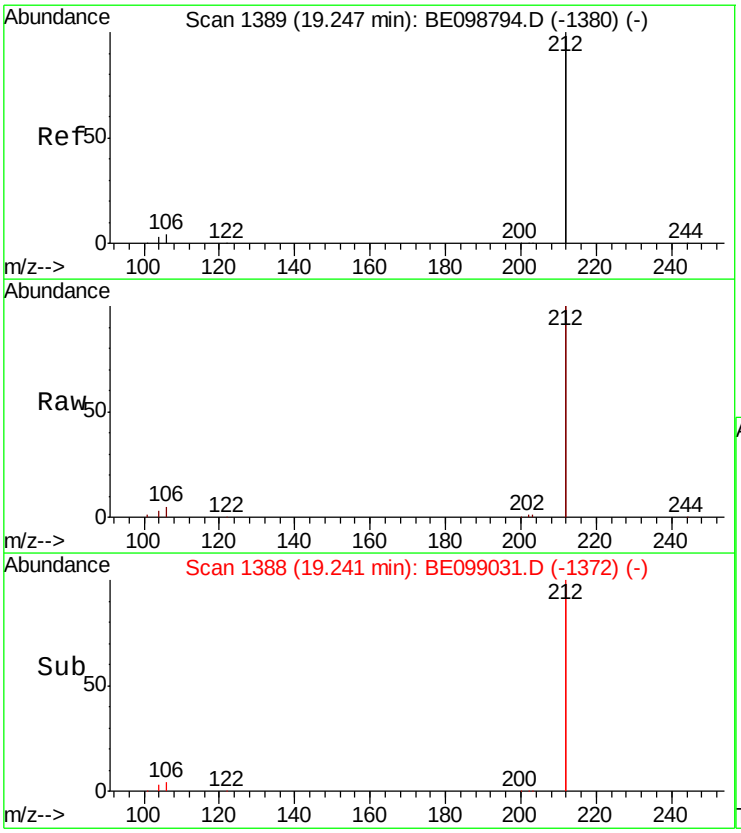
#24
Anthracene
Concen: 0.355 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5769

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.2	12.2	18.4

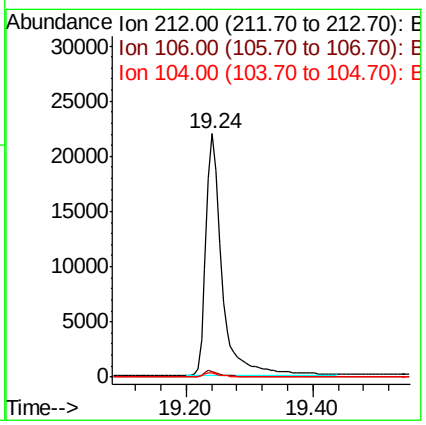


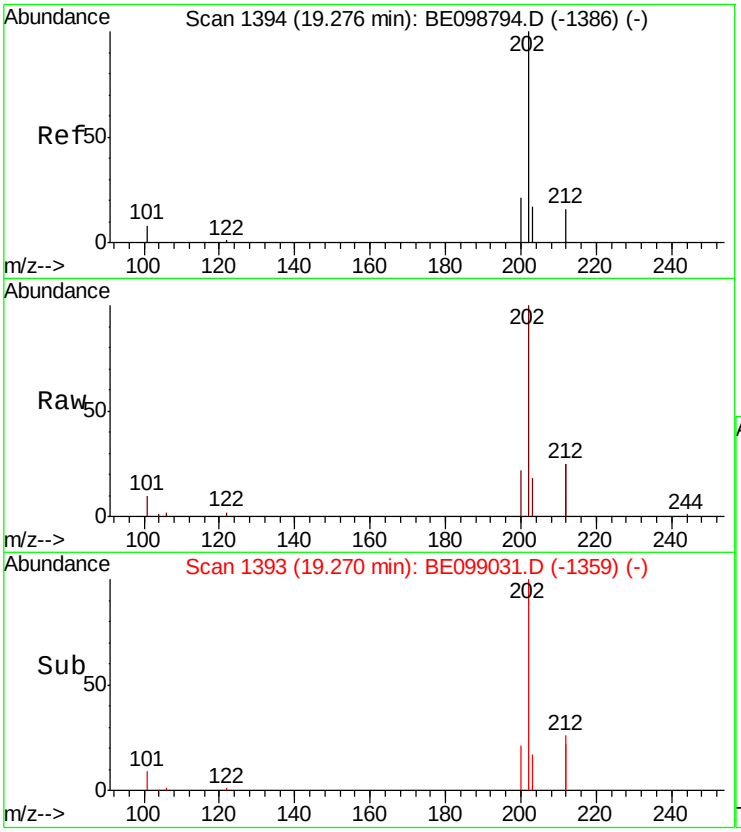


#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:212 Resp: 38333

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.5	1.0	1.6



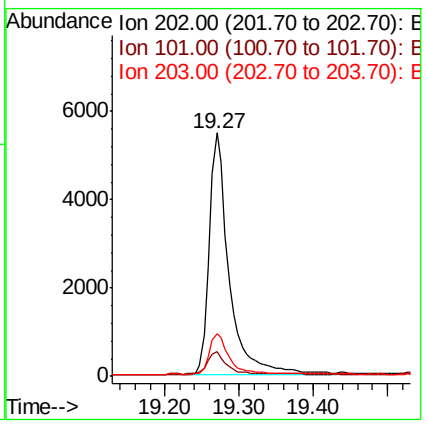


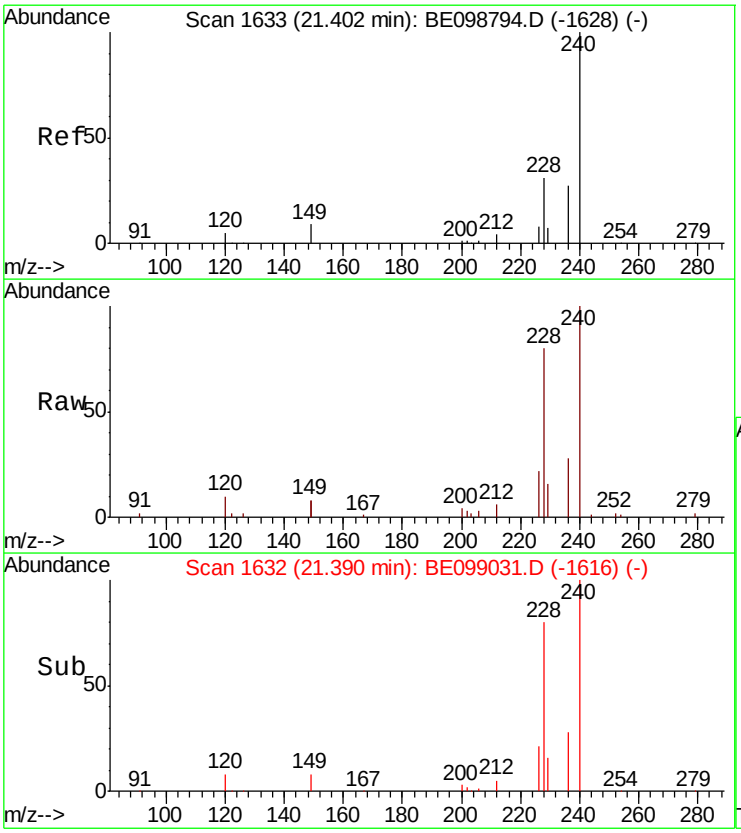
#26
Fluoranthene
Concen: 0.376 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 10091

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.3	10.9
203	16.7	13.4	20.2

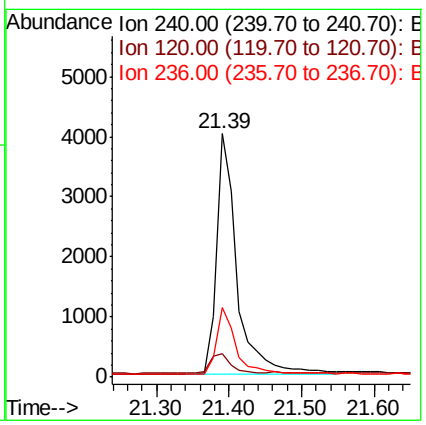


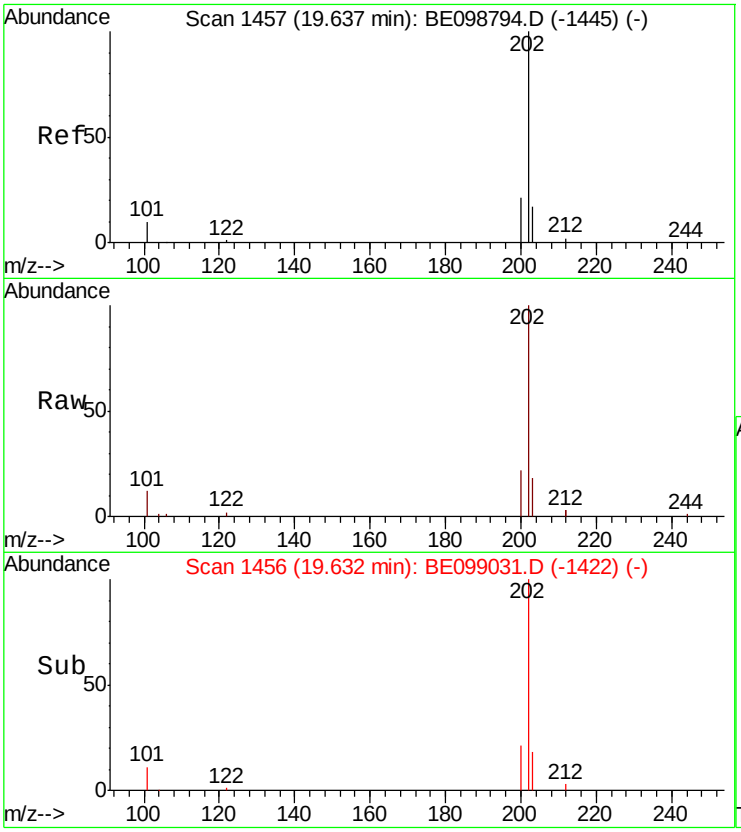


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:240 Resp: 7905

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.0	7.4#
236	28.5	22.7	34.1



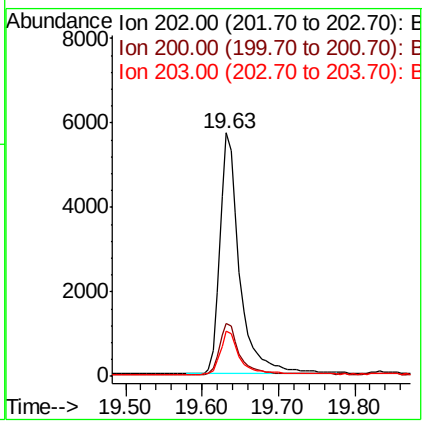


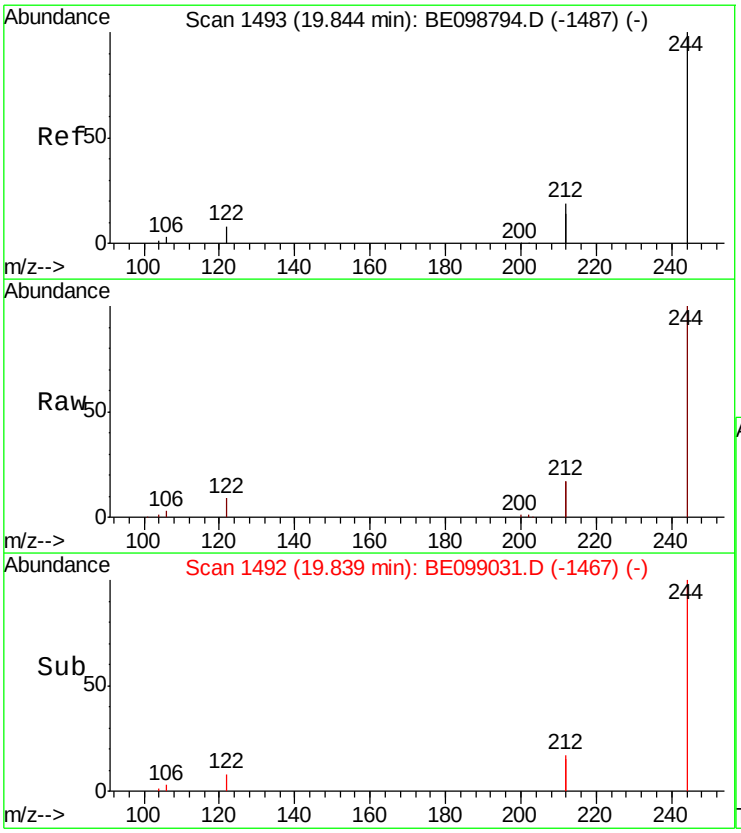
#28
Pyrene
Concen: 0.426 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 10303

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.5	14.2	21.2

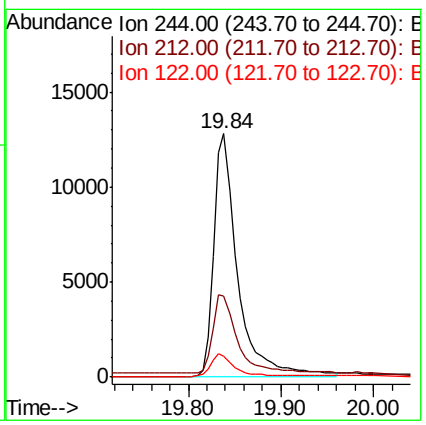


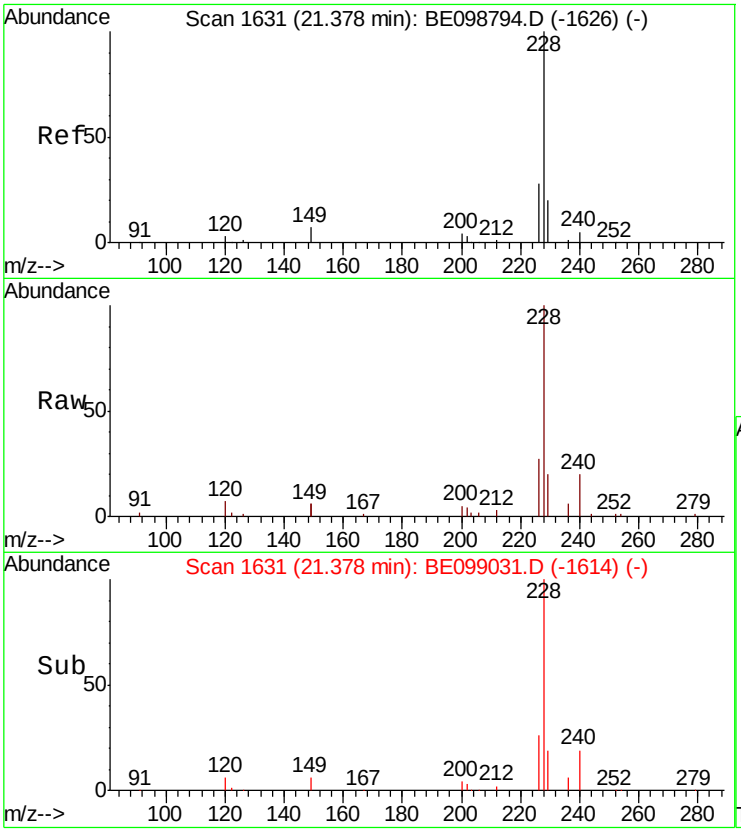


#29
Terphenyl-d14
Concen: 1.175 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:244 Resp: 22567

Ion	Ratio	Lower	Upper
244	100		
212	33.1	29.4	44.2
122	8.6	7.1	10.7



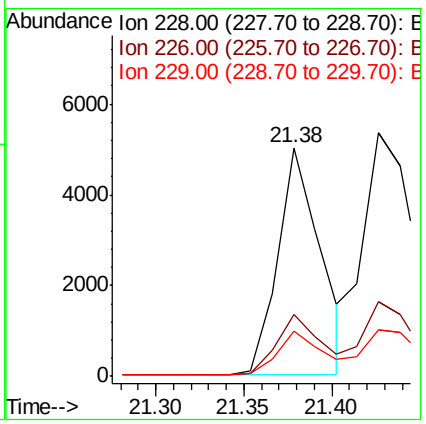


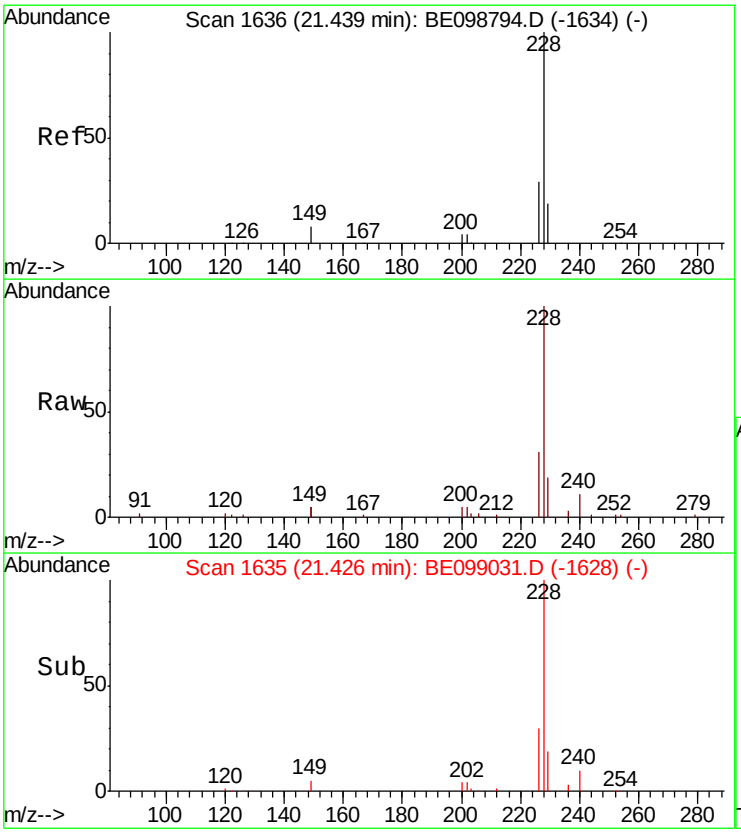
#30
Benzo(a)anthracene
Concen: 0.341 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8422

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	19.9	16.5	24.7

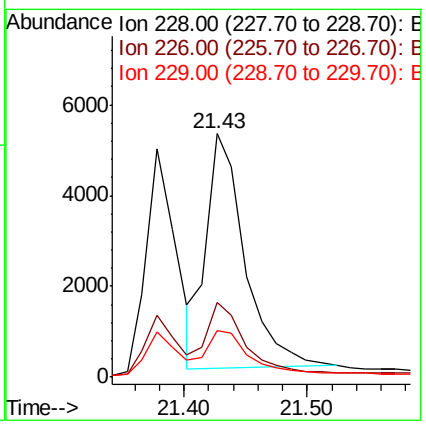


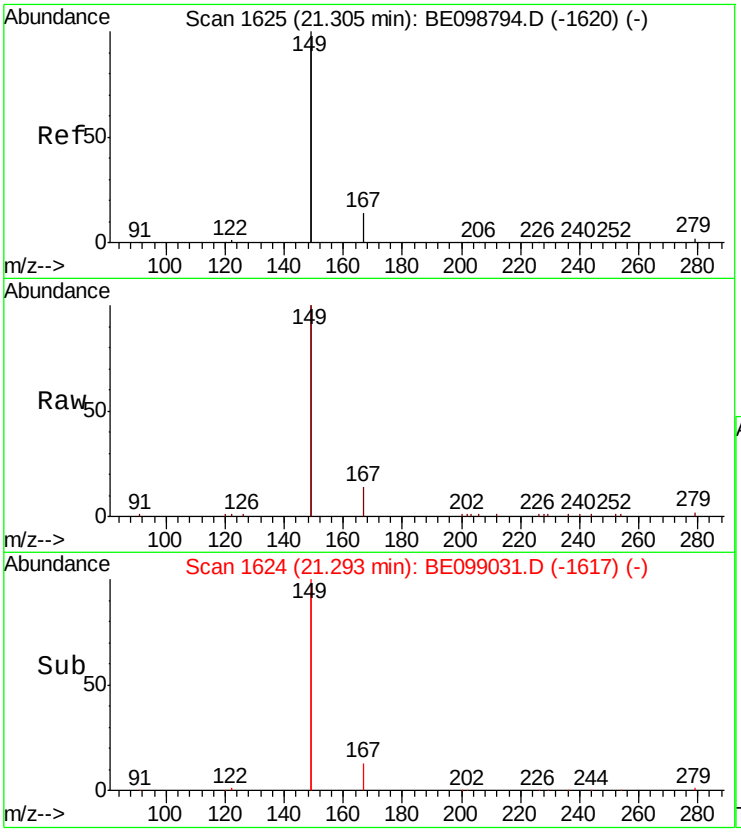


#31
Chrysene
Concen: 0.427 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:228 Resp: 11283

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	19.3	16.1	24.1



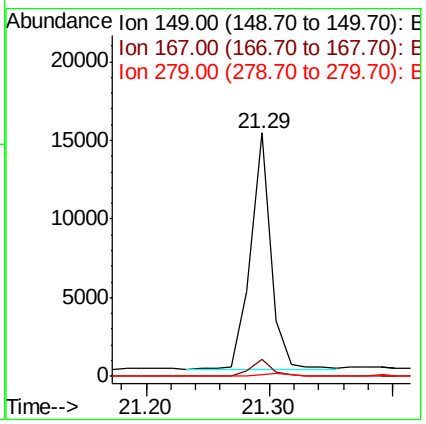


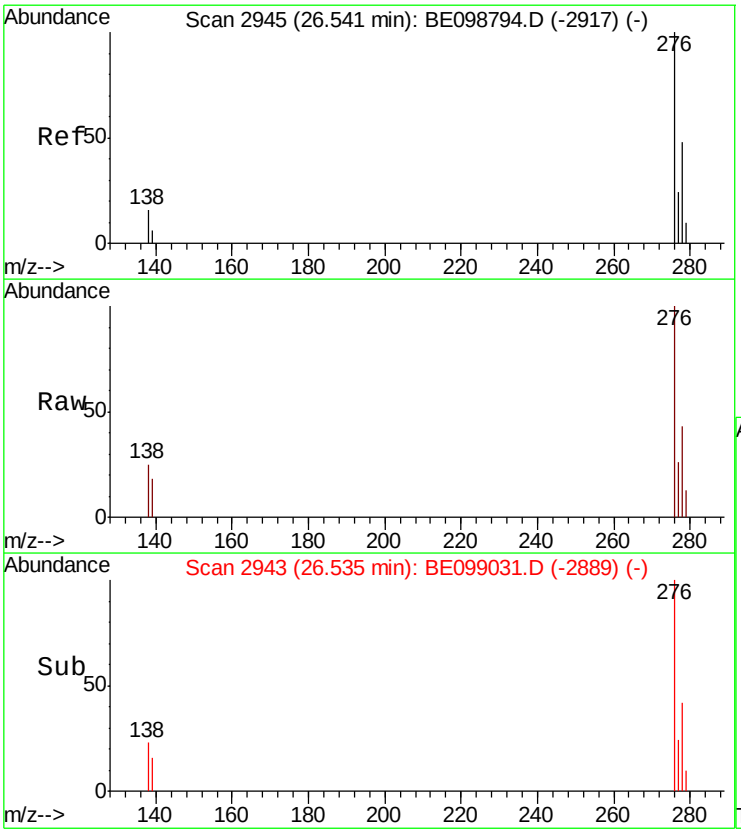
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 17162

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	1.0	1.4

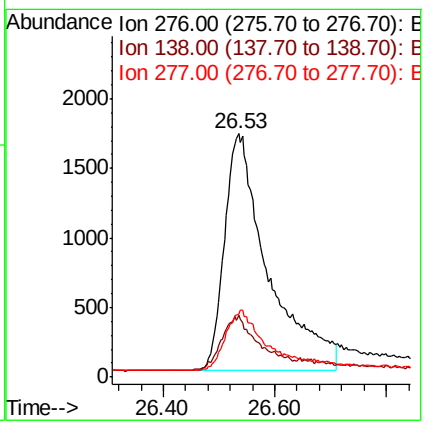


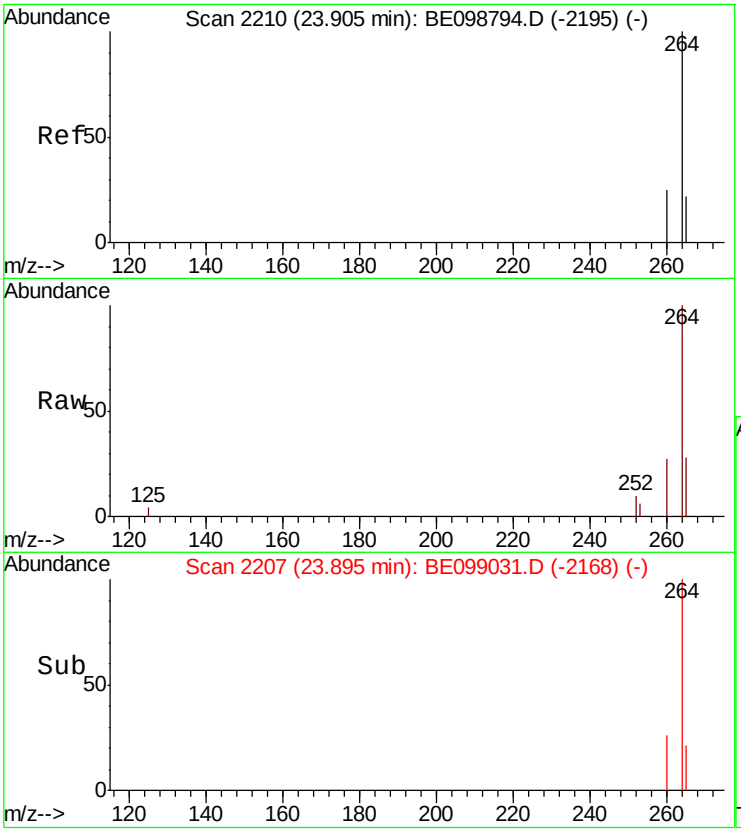


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:276 Resp: 9311

Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.8	20.8
277	23.8	19.5	29.3



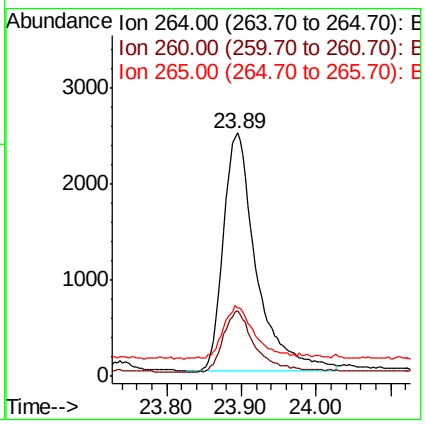


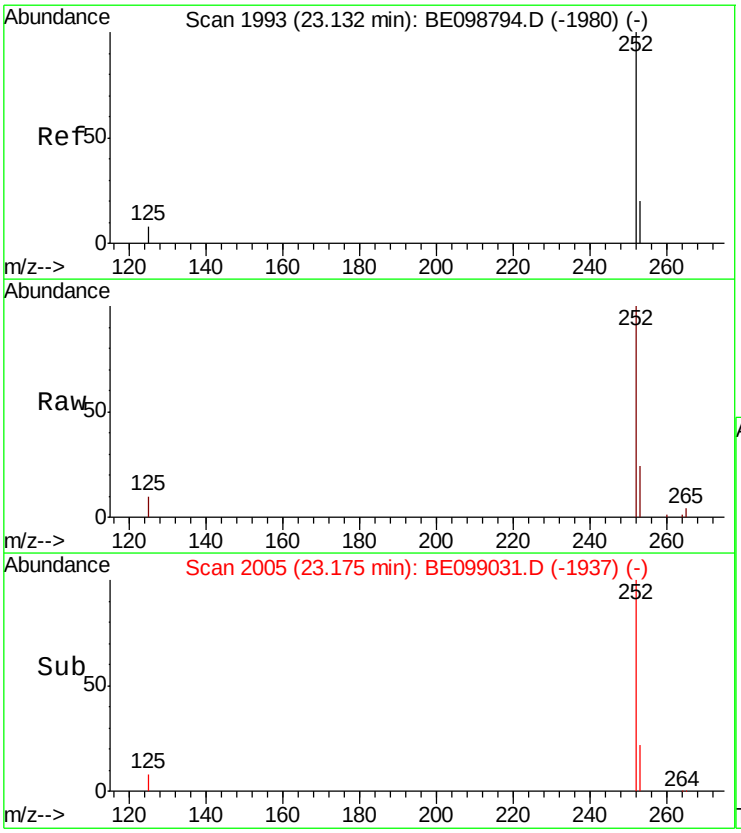
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 7590

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.2	31.8
265	27.8	24.6	36.8

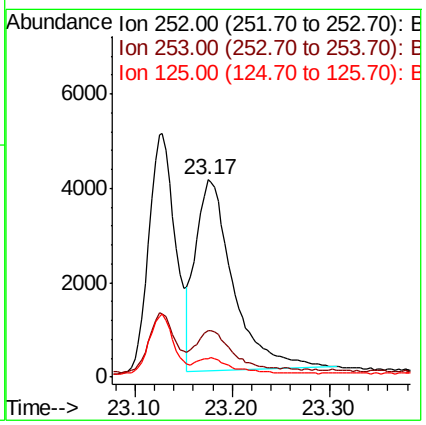


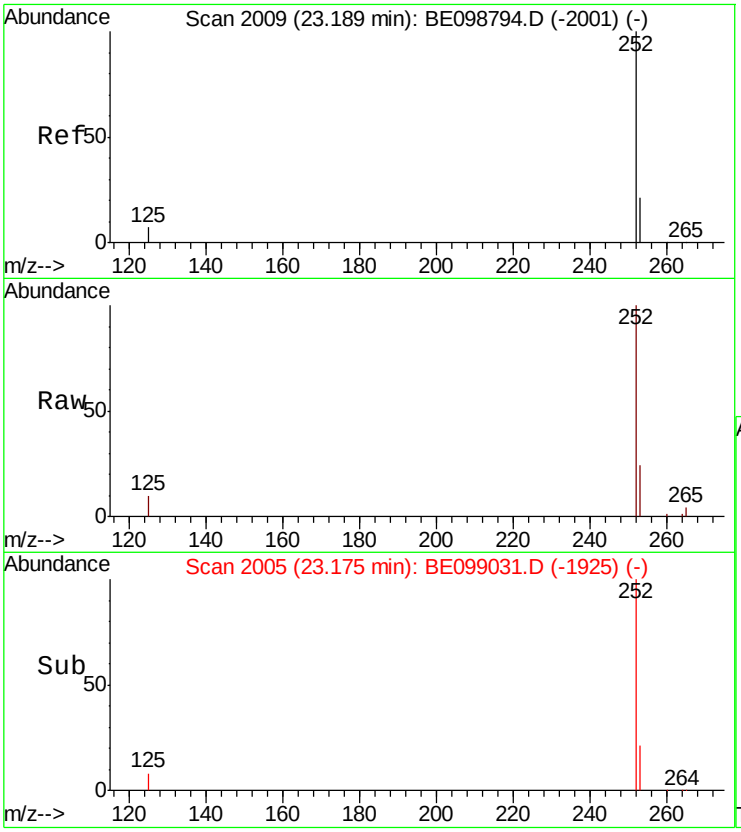


#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.04 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:252 Resp: 10866

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	9.6	7.3	10.9



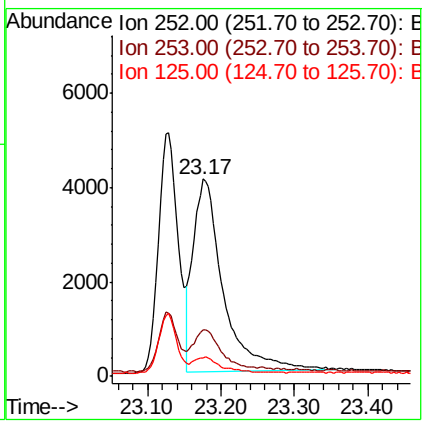


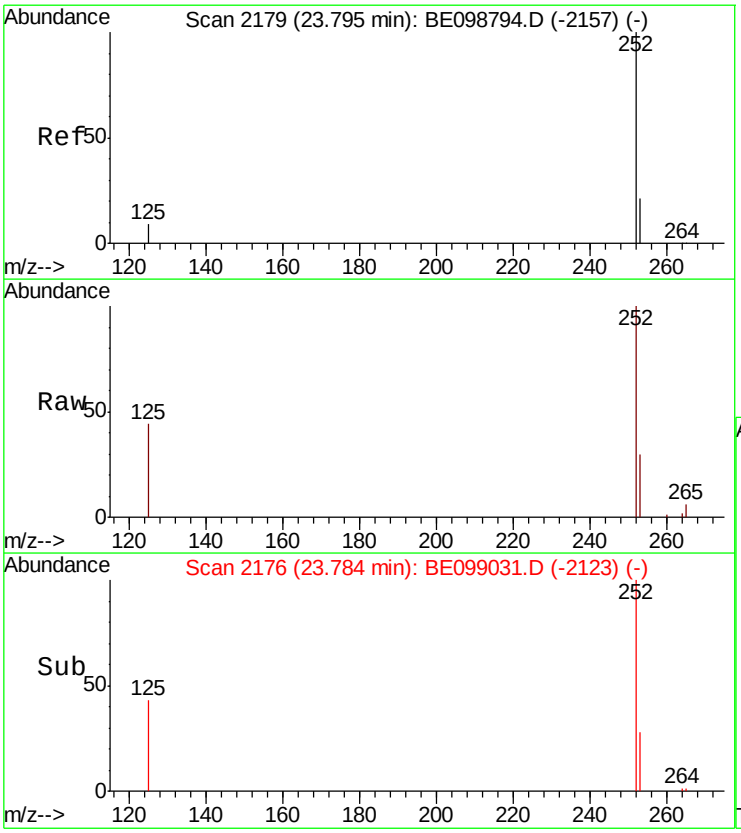
#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11429

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	9.6	7.5	11.3

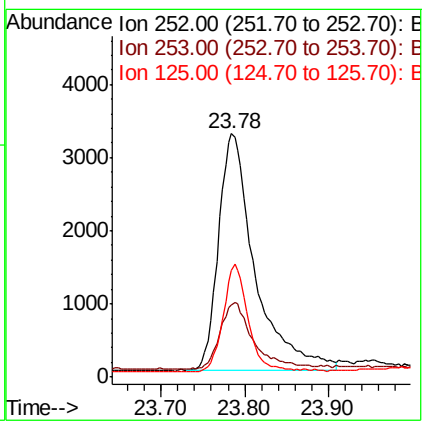


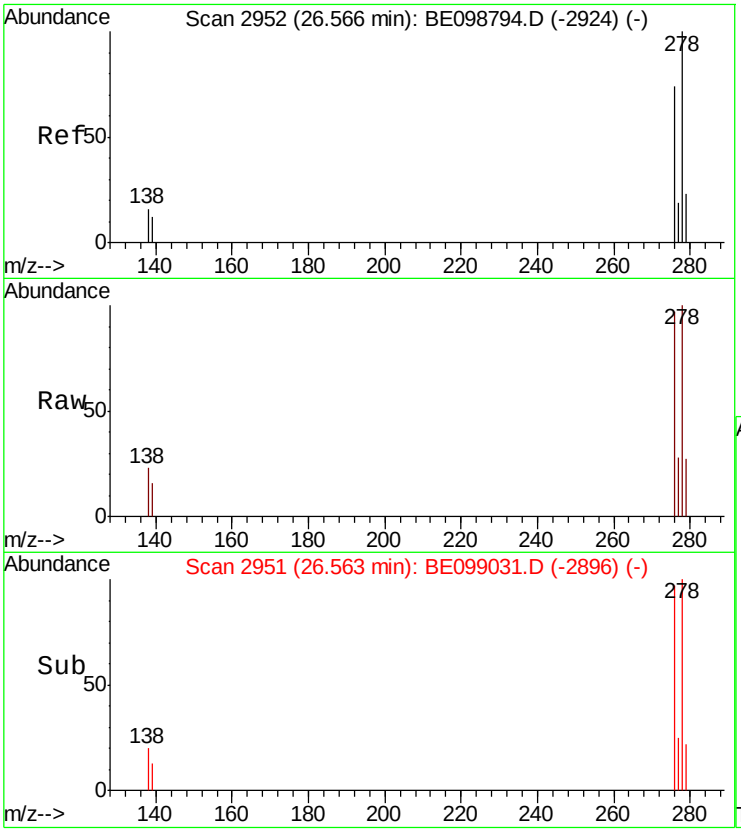


#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:252 Resp: 9795

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.9	29.9
125	43.9	9.0	13.4#



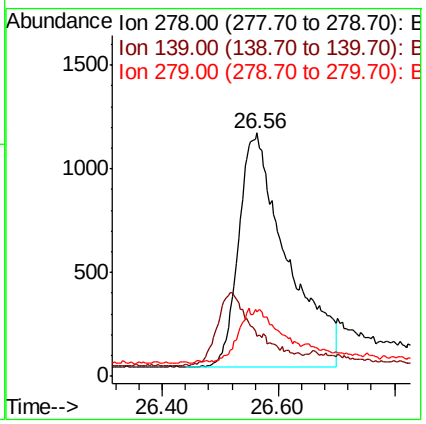


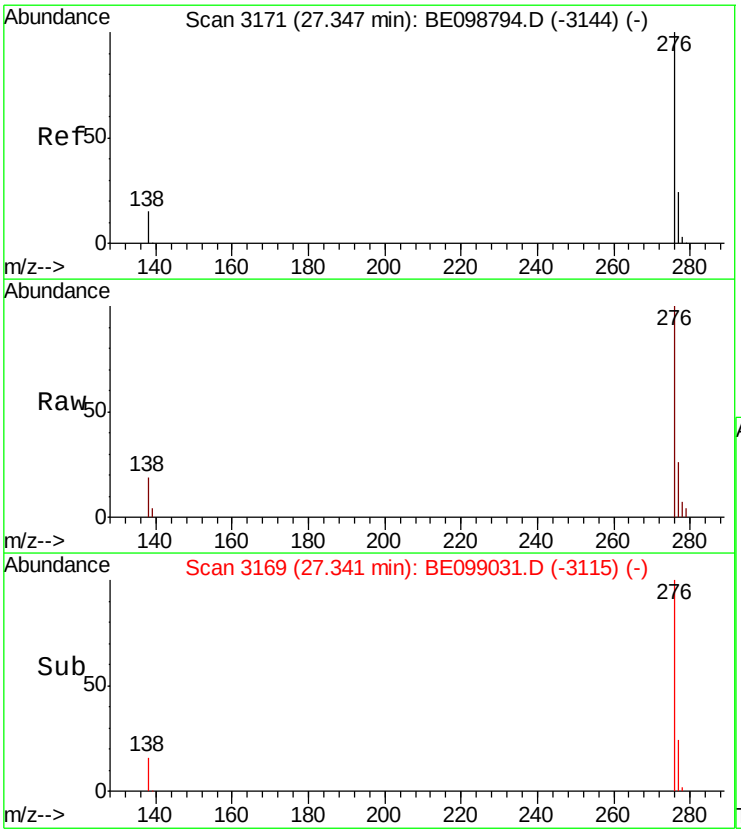
#38
Dibenzo(a,h)anthracene
Concen: 0.287 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 6500

Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.8	17.6
279	26.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE099031.D
Acq: 19 Mar 2019 11:09

Tgt Ion:276 Resp: 7792

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.4	30.6
138	19.0	13.6	20.4