Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
Data File : BE098818.D
Acq On : 7 Mar 2019 13:47
Operator : JU/SJ
Sample : K1655-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A0C1-TWPMS

Quant Time: Mar 08 03:34:34 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	7.78	152	864	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	3553	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2331	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	5898	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	7513	0.40	ng		-0.01
34) Perylene-d12	23.90	264	7393	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	298	0.12	ng		0.00
5) Phenol-d6	6.96	99	274	0.08	ng		-0.02
8) Nitrobenzene-d5	8.95	82	1086	0.29	ng		-0.01
11) 2-Methylnaphthalene-d10	12.19	152	2225	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	395	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	3584	0.37	ng		-0.01
25) Fluoranthene-d10	19.24	212	30994	0.33	ng		0.00
29) Terphenyl-d14	19.84	244	8187	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	184	0.034	ng	#	1
3) n-Nitrosodimethylamine	3.61	42	138	0.063	ng	#	20
6) bis(2-Chloroethyl)ether	7.22	93	793	0.282	ng	#	78
9) Naphthalene	10.63	128	13586	0.334	ng		99
10) Hexachlorobutadiene	10.91	225	708	0.263	ng		98
12) 2-Methylnaphthalene	12.27	142	2326	0.352	ng		98
16) Acenaphthylene	14.18	152	3581	0.299	ng		97
17) Acenaphthene	14.51	154	2177	0.306	ng		96
18) Fluorene	15.50	166	3175	0.310	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1036	0.324	ng	#	79
21) Hexachlorobenzene	16.52	284	1120	0.295	ng		95
22) Pentachlorophenol	16.87	266	724	0.824	ng	#	83
23) Phenanthrene	17.34	178	5051	0.301	ng		96
24) Anthracene	17.34	178	4461	0.311	ng		99
26) Fluoranthene	19.27	202	7368	0.311	ng		99
28) Pyrene	19.63	202	7748	0.337	ng		99
30) Benzo(a)anthracene	21.38	228	7234	0.309	ng		99
31) Chrysene	21.44	228	7503	0.299	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	22431	0.450	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	5984	0.226	ng		99
35) Benzo(b)fluoranthene	23.18	252	7202	0.296	ng		95
36) Benzo(k)fluoranthene	23.18	252	7287	0.286	ng		98
37) Benzo(a)pyrene	23.79	252	5546	0.238	ng	#	92
38) Dibenzo(a,h)anthracene	26.55	278	4964	0.225	ng	#	92
39) Benzo(g,h,i)perylene	27.34	276	4614	0.200	ng		98

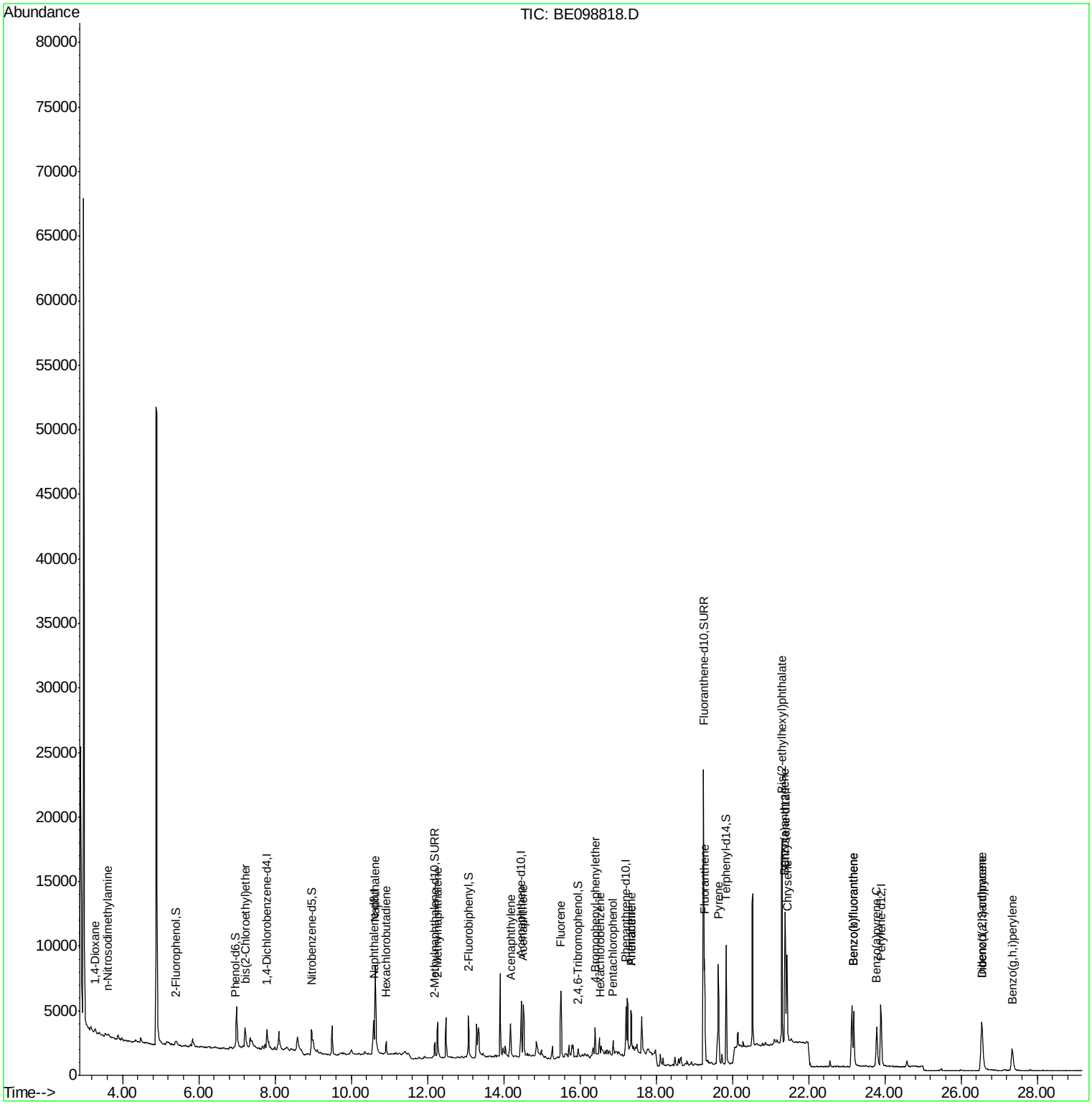
(#) = qualifier out of range (m) = manual integration (+) = signals summed

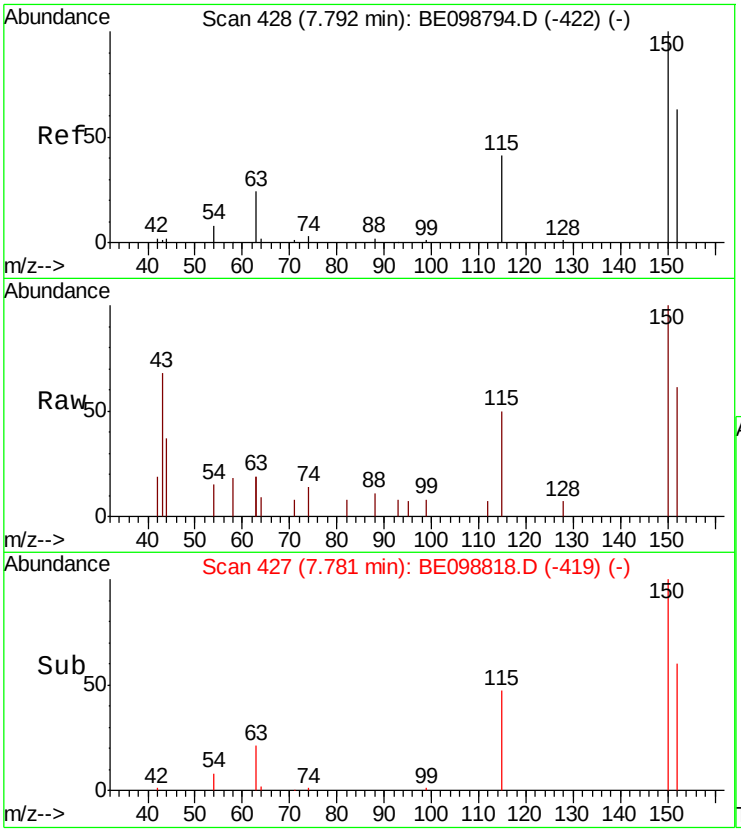
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
Data File : BE098818.D
Acq On : 7 Mar 2019 13:47
Operator : JU/SJ
Sample : K1655-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Quant Time: Mar 08 03:34:34 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



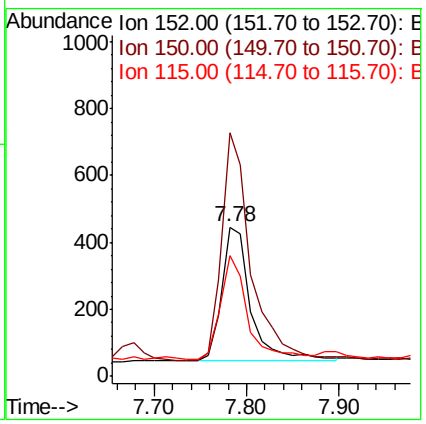


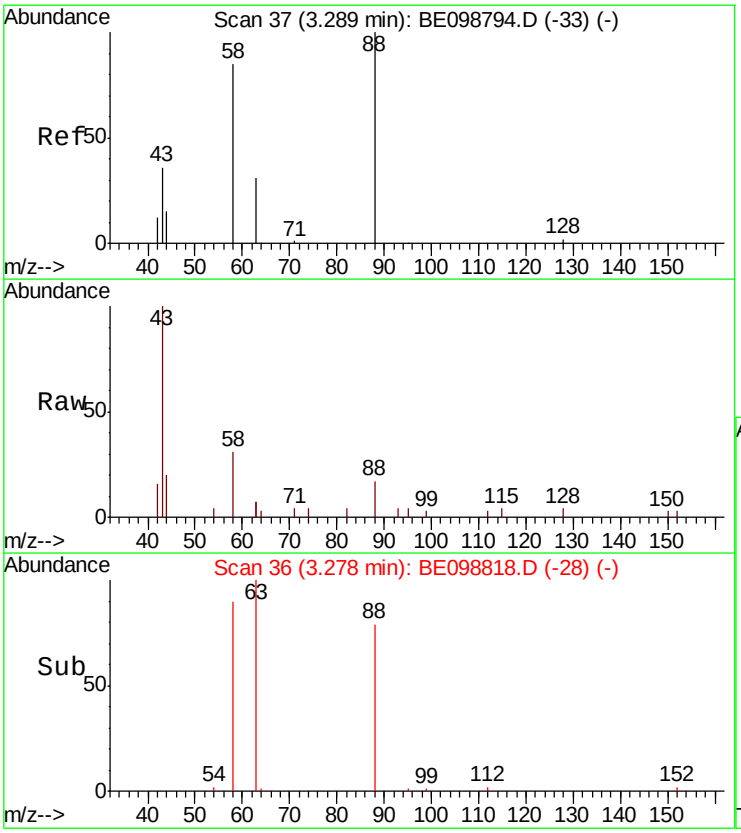
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:152 Resp: 864

Ion	Ratio	Lower	Upper
152	100		
150	163.4	122.5	183.7
115	80.9	57.4	86.2

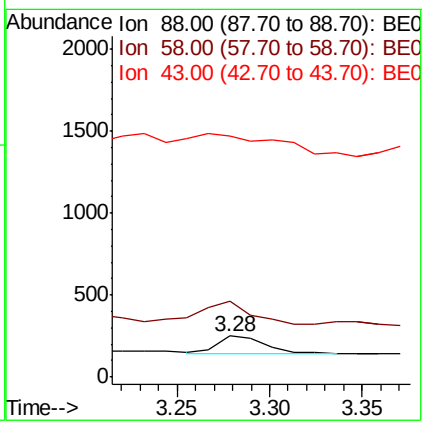


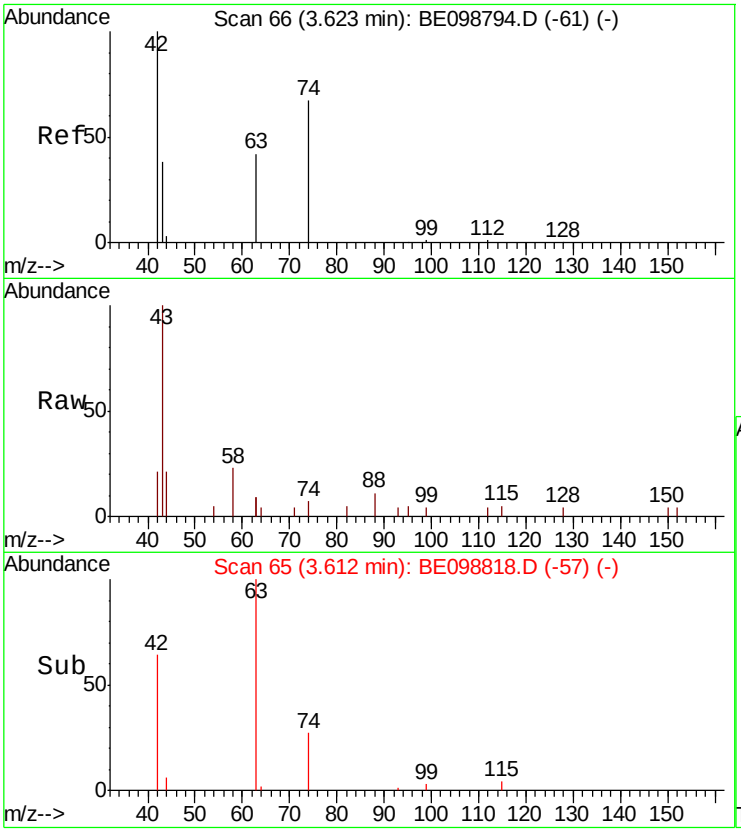


#2
1,4-Dioxane
Concen: 0.034 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion: 88 Resp: 184

Ion	Ratio	Lower	Upper
88	100		
58	150.0	75.8	113.6#
43	180.4	41.8	62.8#



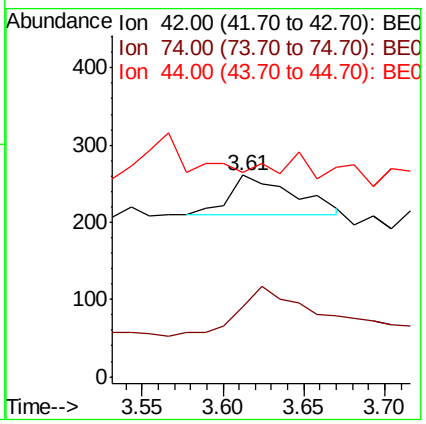


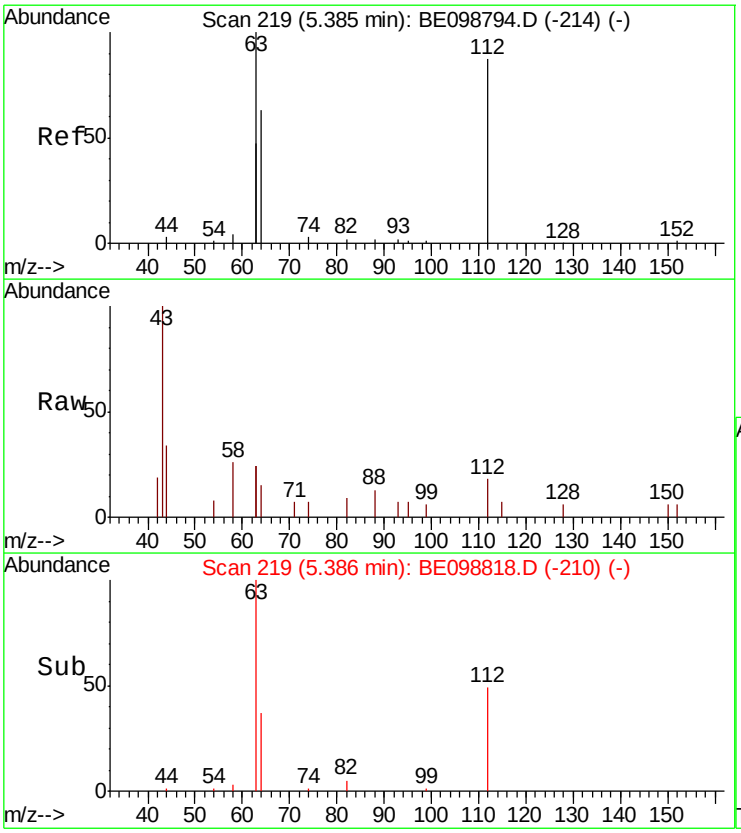
#3
n-Nitrosodimethylamine
Concen: 0.063 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion: 42 Resp: 138

Ion	Ratio	Lower	Upper
42	100		
74	137.7	57.0	85.4#
44	0.0	0.0	0.0

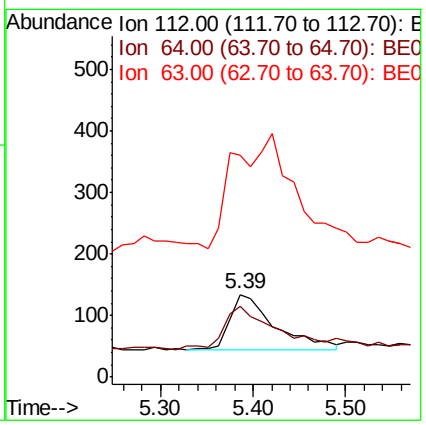


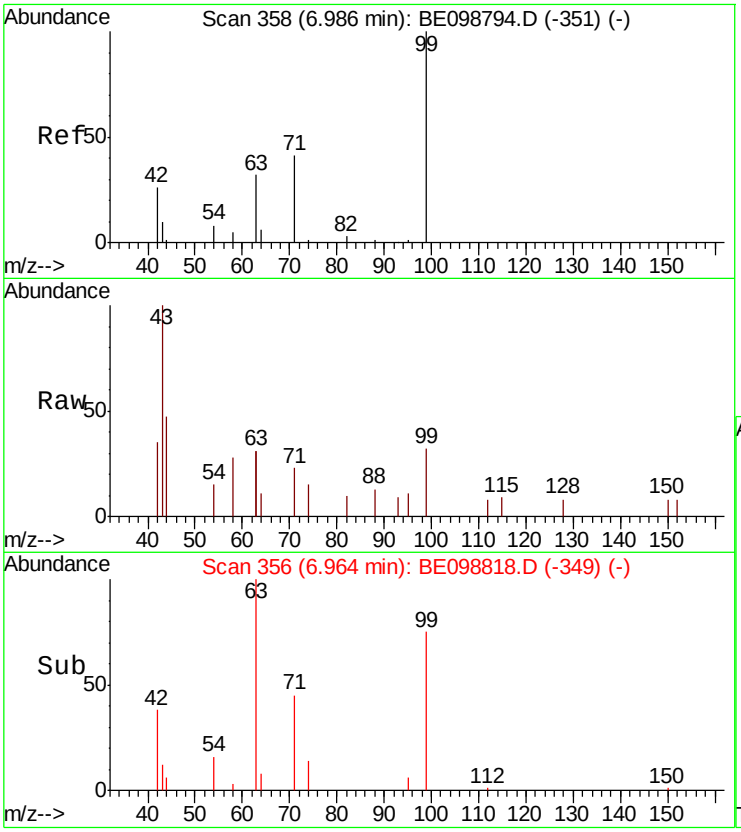


#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:112 Resp: 298

Ion	Ratio	Lower	Upper
112	100		
64	90.6	57.9	86.9#
63	0.0	158.3	237.5#



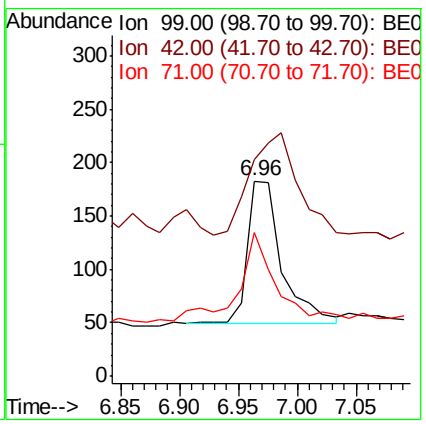


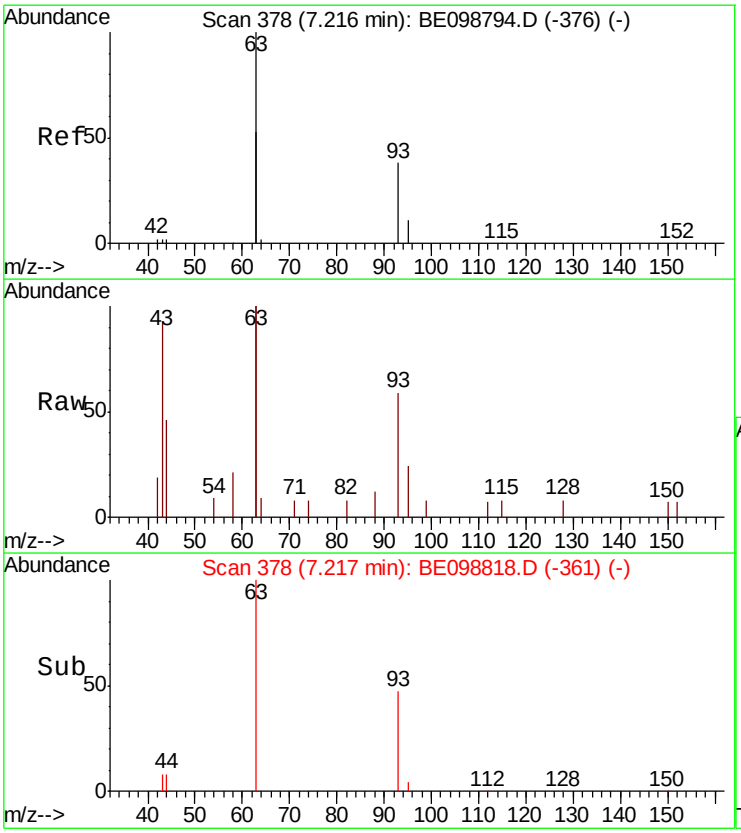
#5
Phenol-d6
Concen: 0.075 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.02 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion: 99 Resp: 274

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	65.7	35.7	53.5#

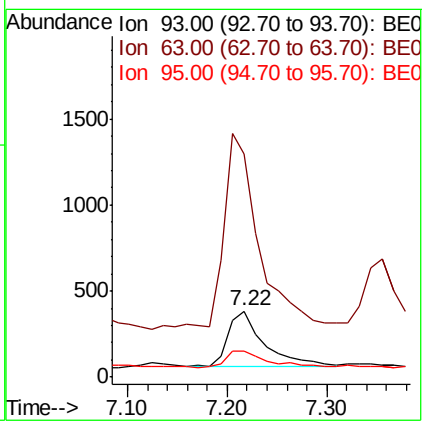


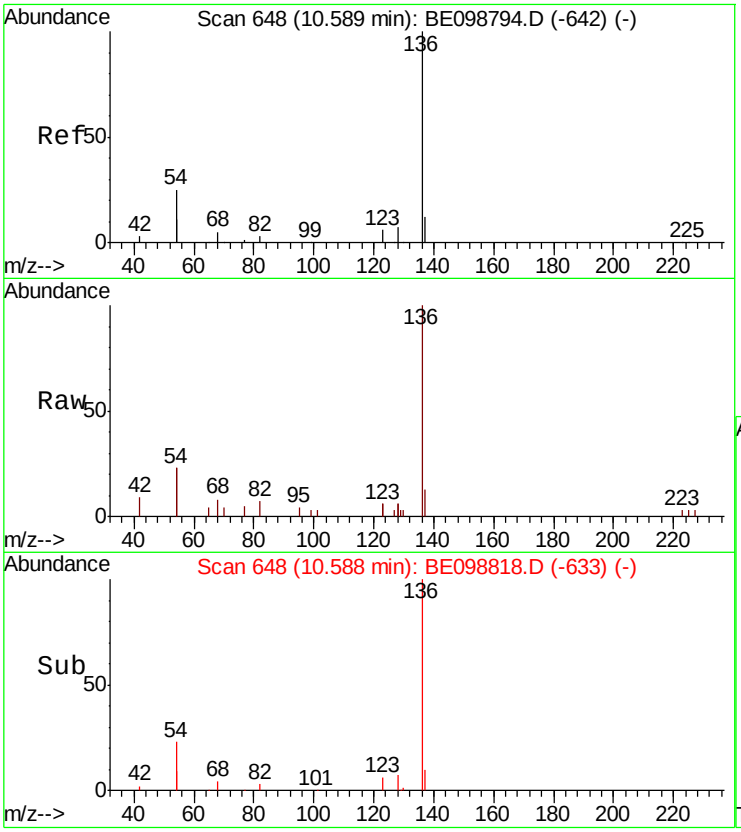


#6
bis(2-Chloroethyl)ether
Concen: 0.282 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion: 93 Resp: 793

Ion	Ratio	Lower	Upper
93	100		
63	355.4	247.5	371.3
95	33.9	21.8	32.8#



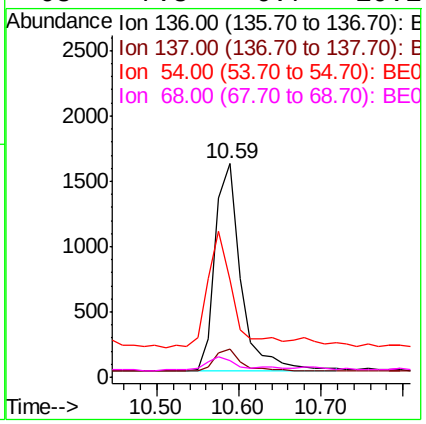


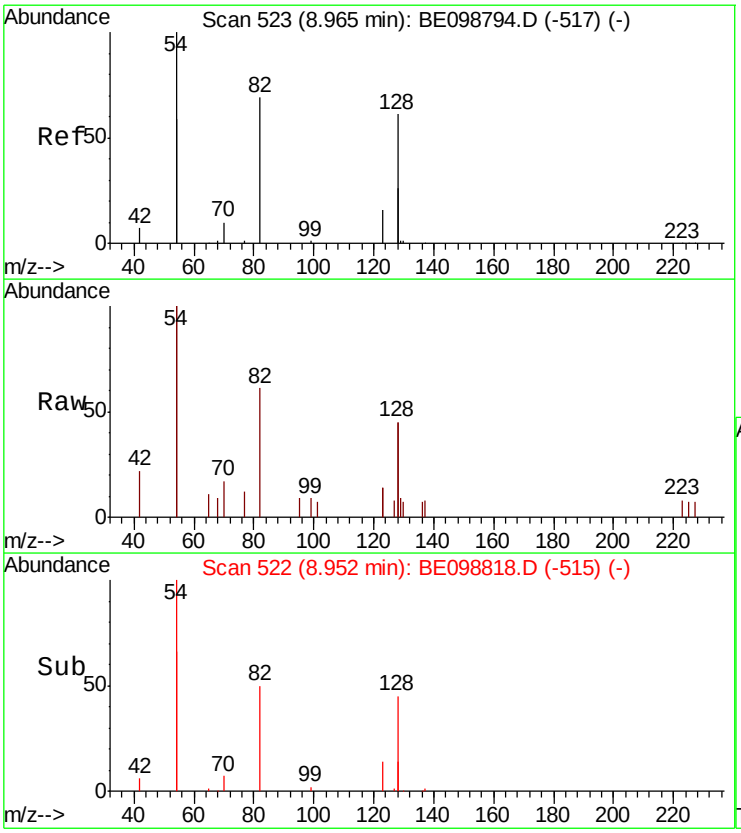
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:136 Resp: 3553

Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.4	17.0
54	45.5	39.3	58.9
68	7.8	6.7	10.1

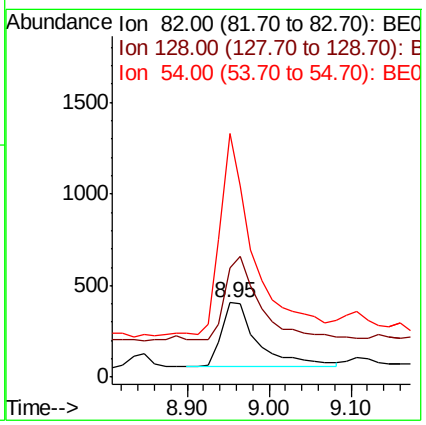


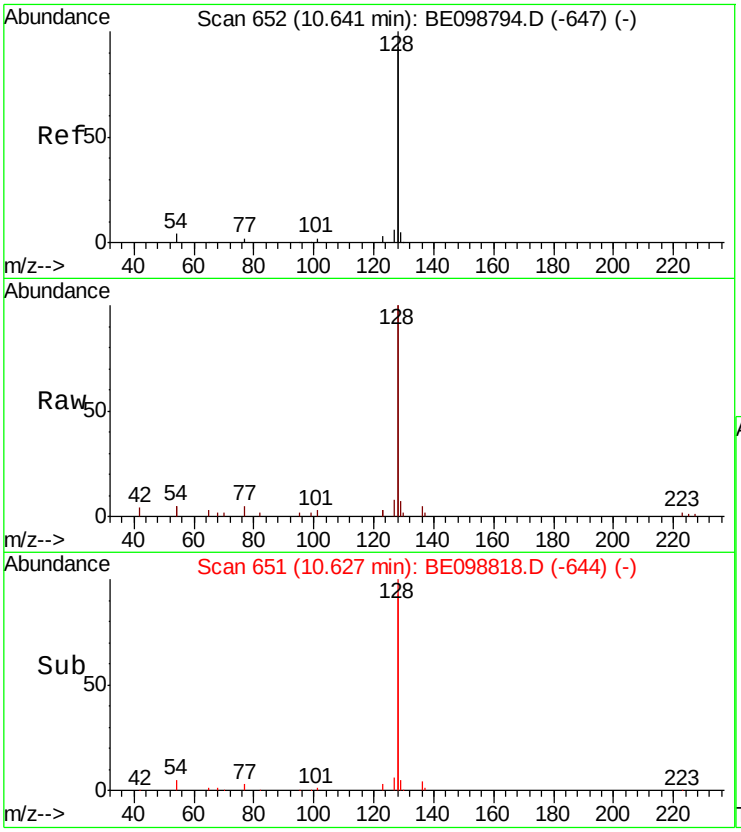


#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion: 82 Resp: 1086

Ion	Ratio	Lower	Upper
82	100		
128	146.7	123.8	185.8
54	328.4	203.4	305.2#



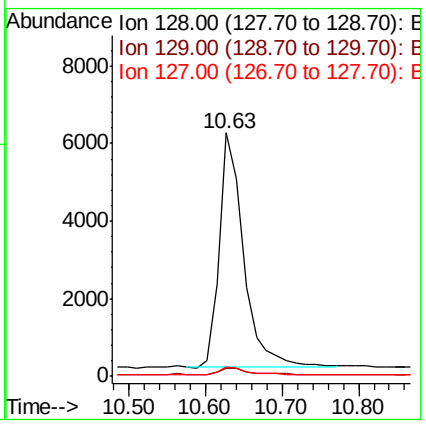


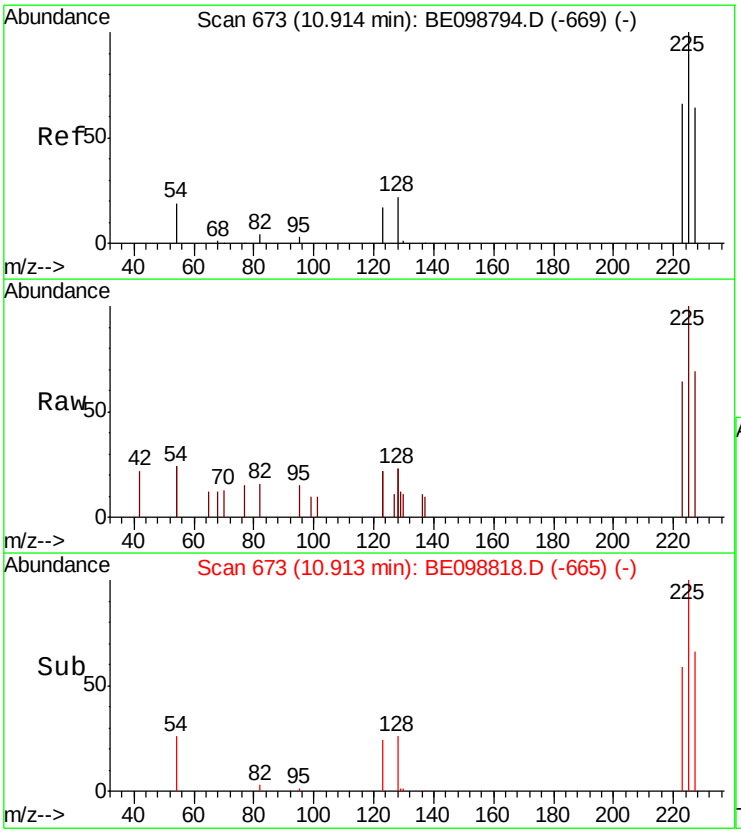
#9
Naphthalene
Concen: 0.334 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:128 Resp: 13586

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	4.0
127	3.8	3.1	4.7

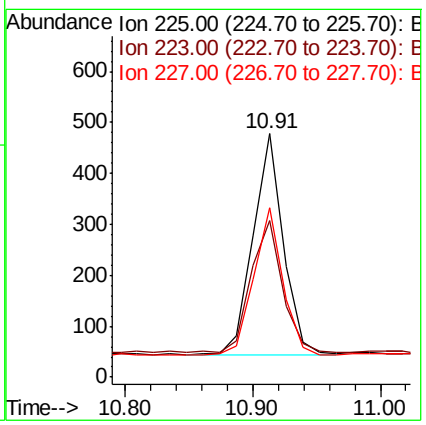


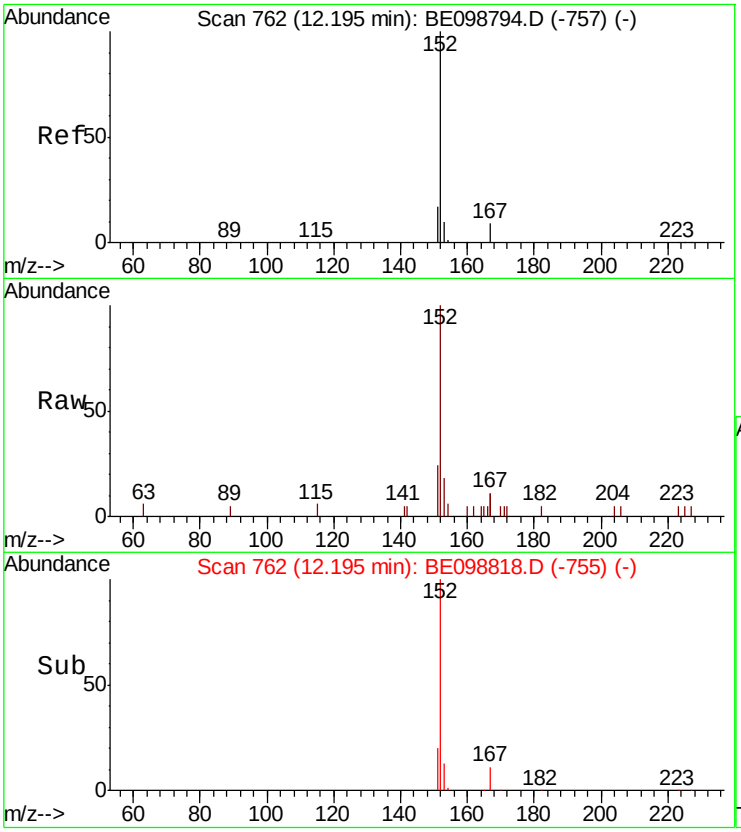


#10
Hexachlorobutadiene
Concen: 0.263 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:225 Resp: 708

Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.1	76.7
227	64.3	51.6	77.4



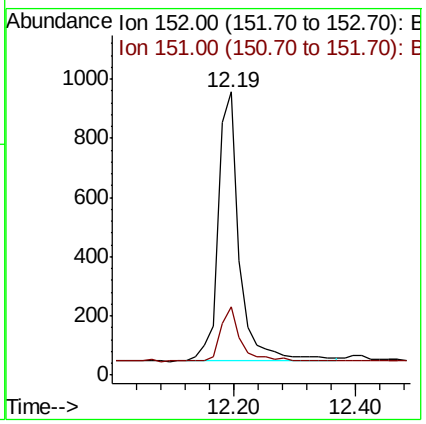


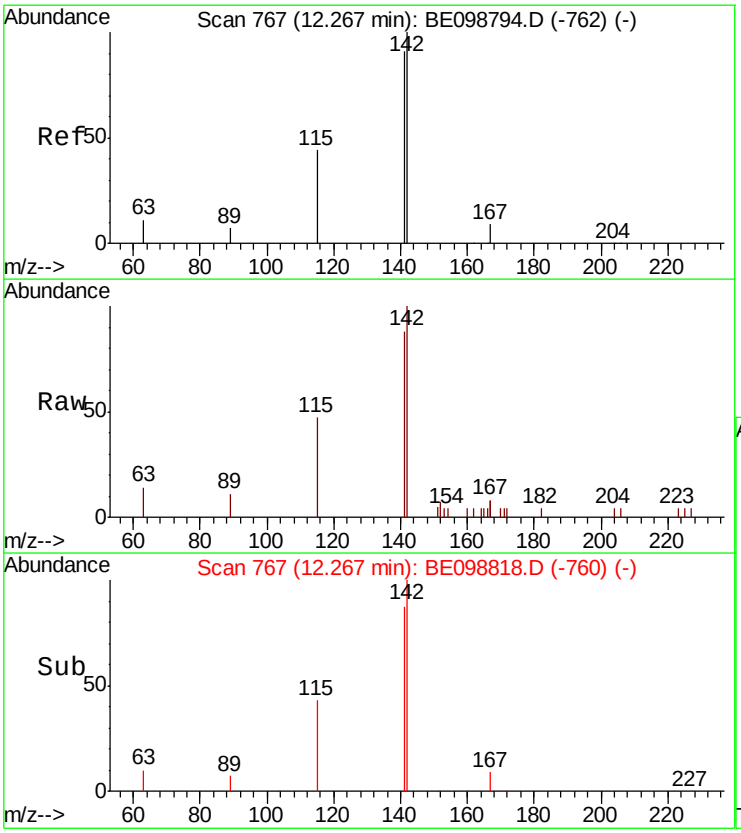
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:152 Resp: 2225

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.5	24.7

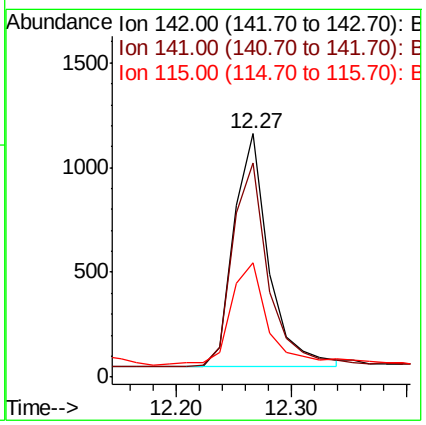


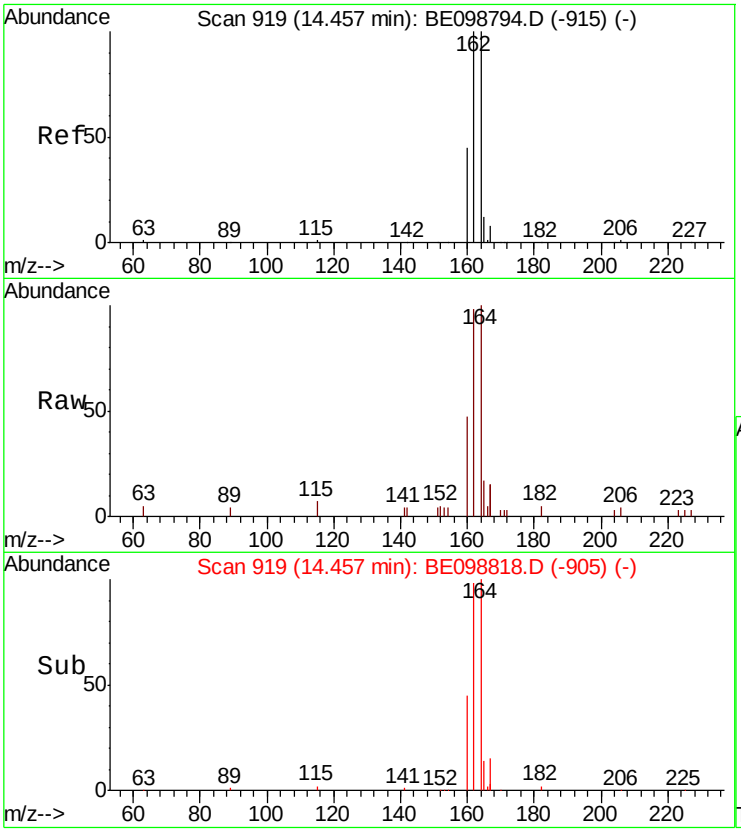


#12
2-Methylnaphthalene
Concen: 0.352 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:142 Resp: 2326

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8
115	47.1	37.4	56.2



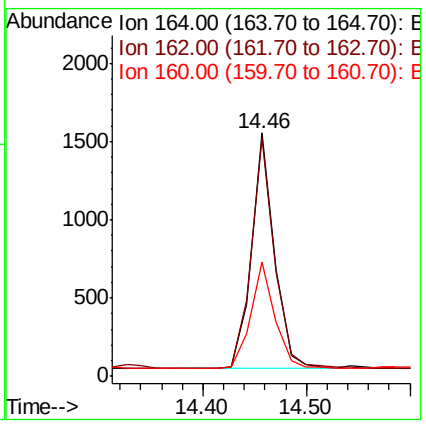


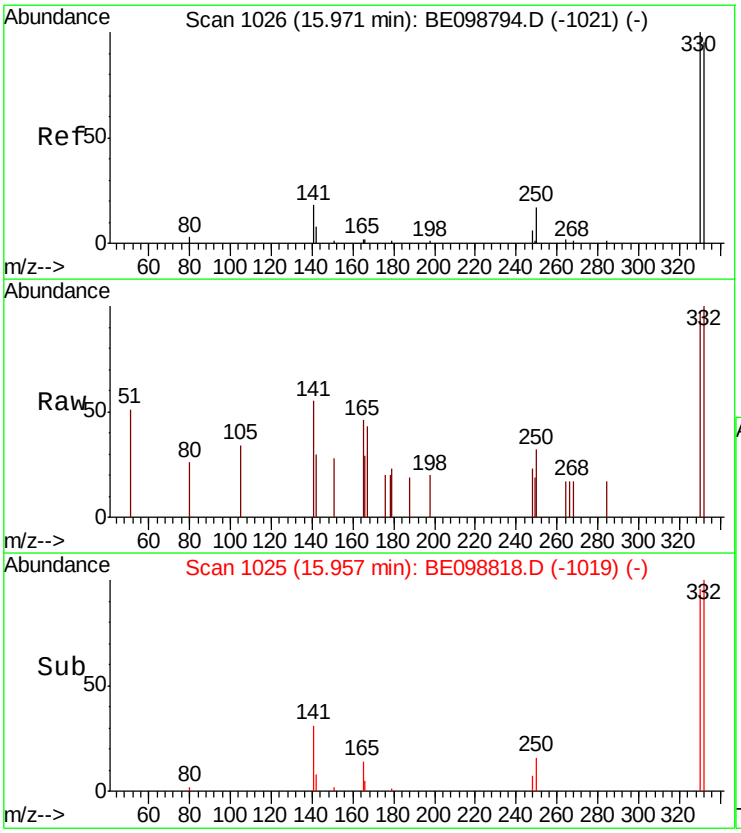
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:164 Resp: 2331

Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.2	120.2
160	46.7	37.8	56.8

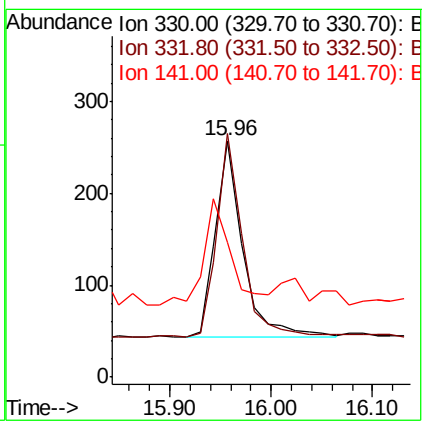


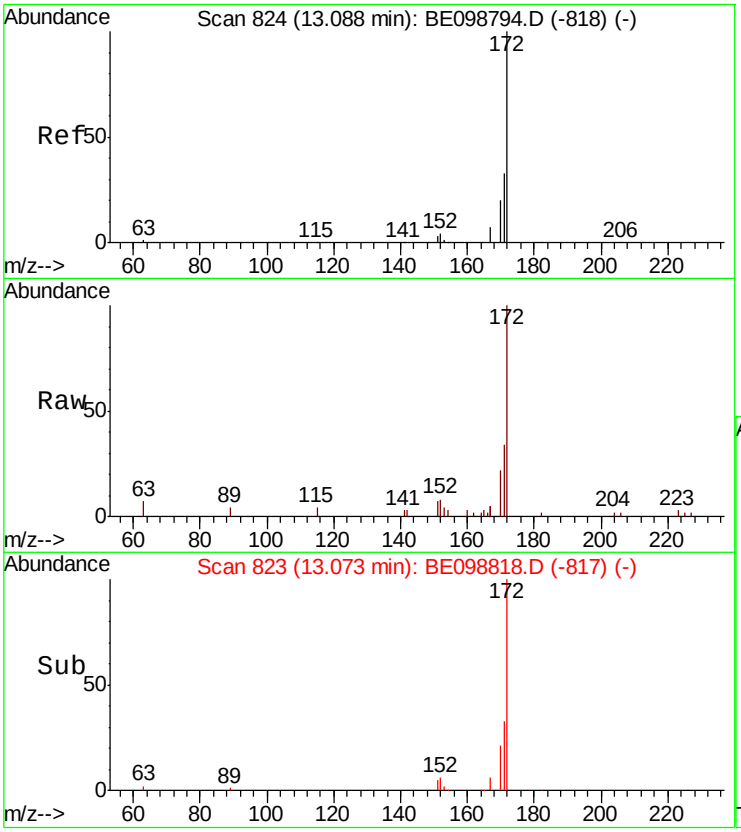


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:330 Resp: 395

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	48.9	31.0	46.4#



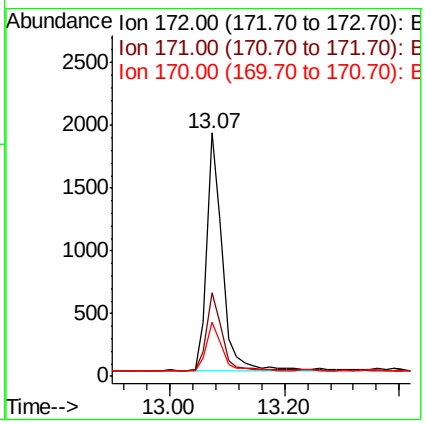


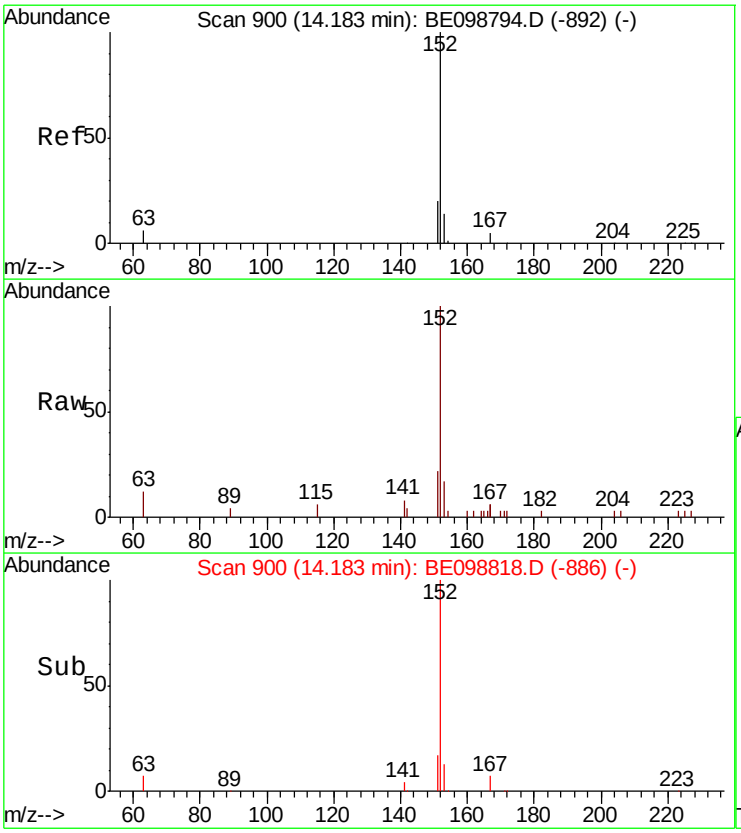
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:172 Resp: 3584

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.0	42.0
170	22.5	17.7	26.5

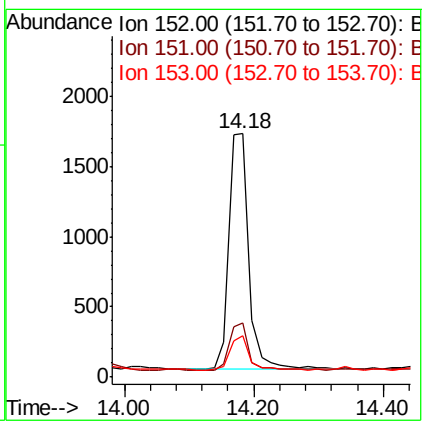


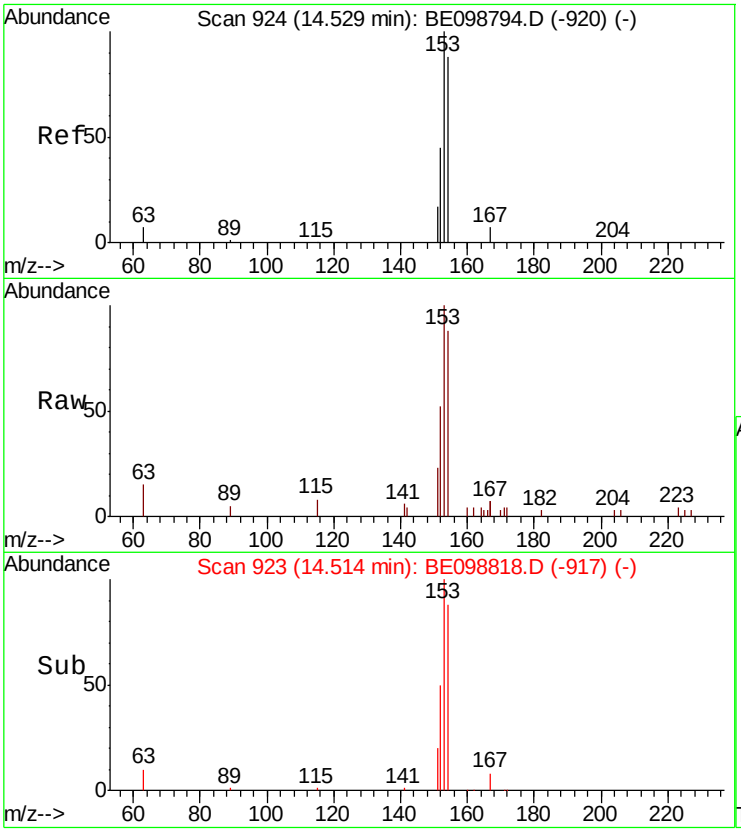


#16
Acenaphthylene
Concen: 0.299 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:152 Resp: 3581

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.0	25.6
153	14.3	11.2	16.8



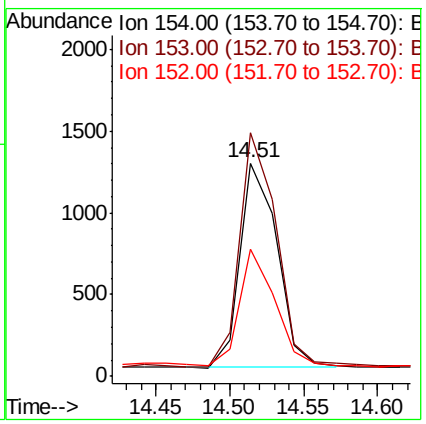


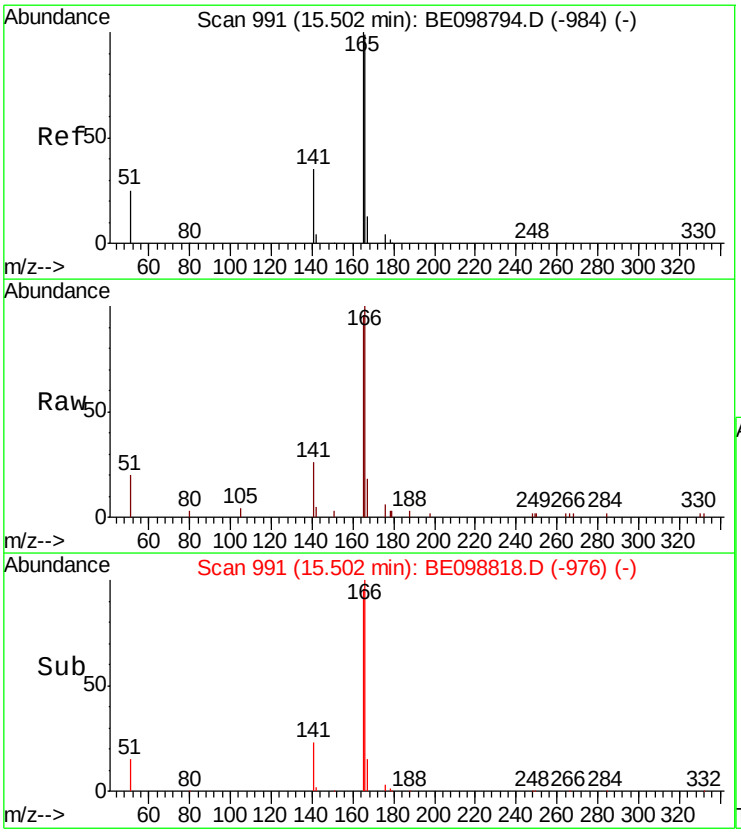
#17
Acenaphthene
Concen: 0.306 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:154 Resp: 2177

Ion	Ratio	Lower	Upper
154	100		
153	113.6	94.2	141.4
152	53.7	45.0	67.4

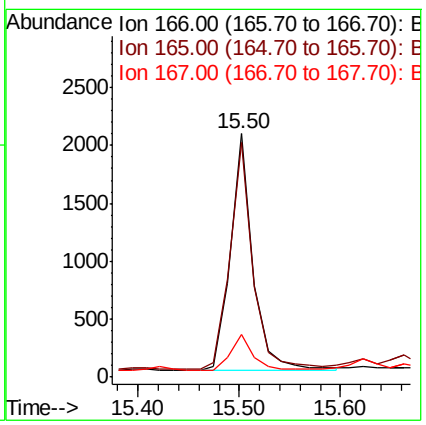


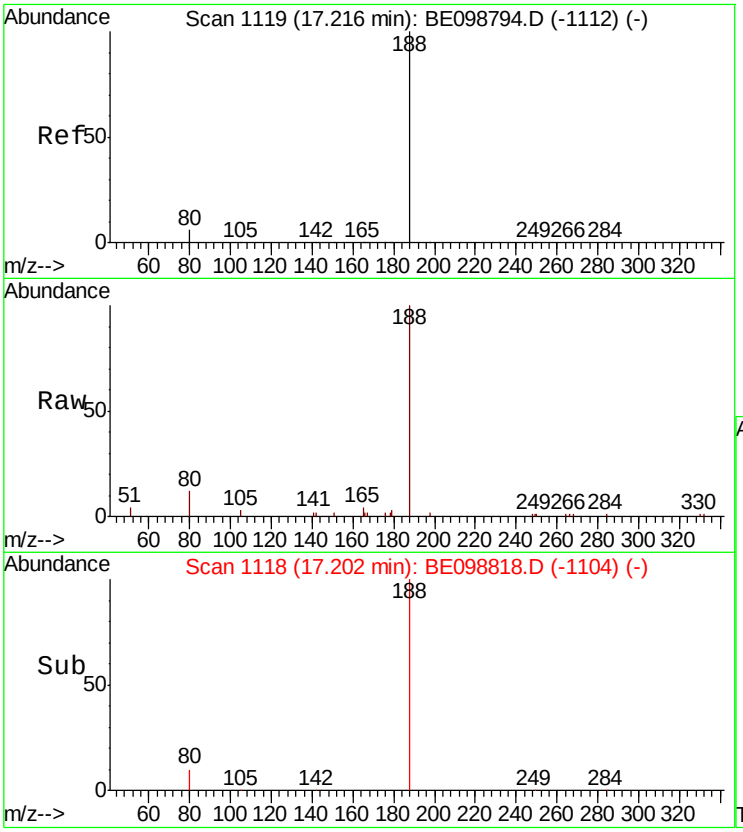


#18
Fluorene
Concen: 0.310 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:166 Resp: 3175

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.3	118.9
167	15.5	10.5	15.7



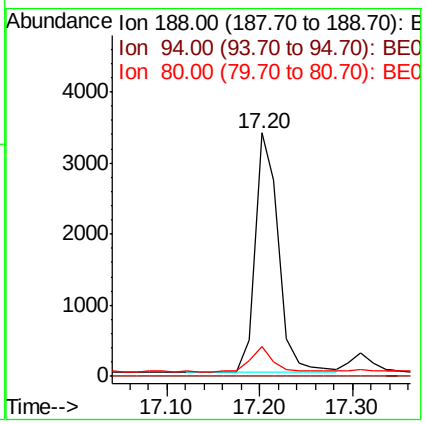


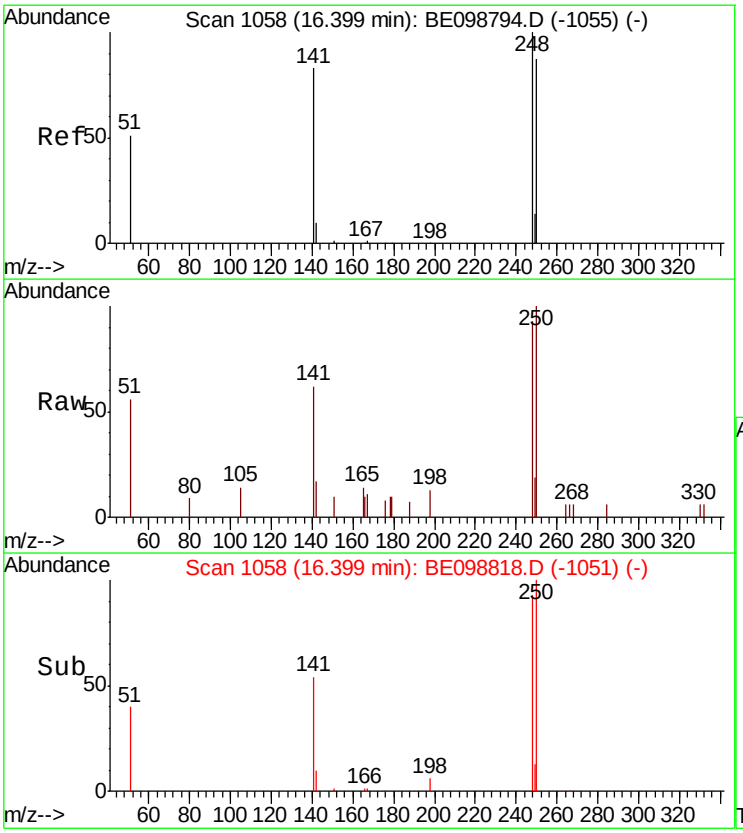
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:188 Resp: 5898

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	6.3	9.5#

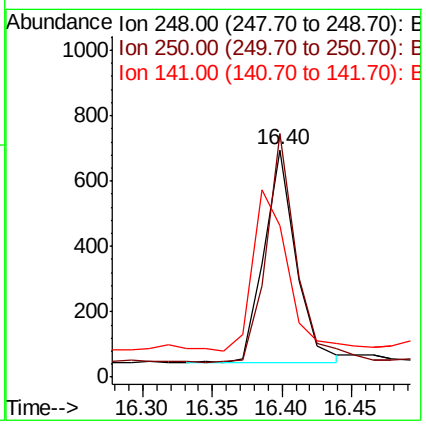


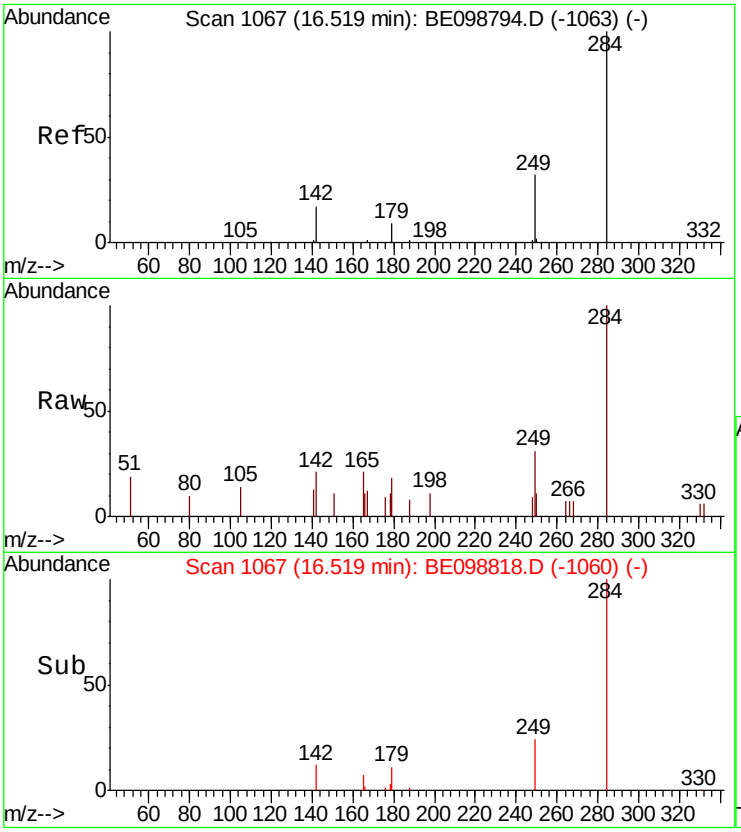


#20
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:248 Resp: 1036

Ion	Ratio	Lower	Upper
248	100		
250	107.0	70.6	105.8#
141	66.5	68.6	102.8#



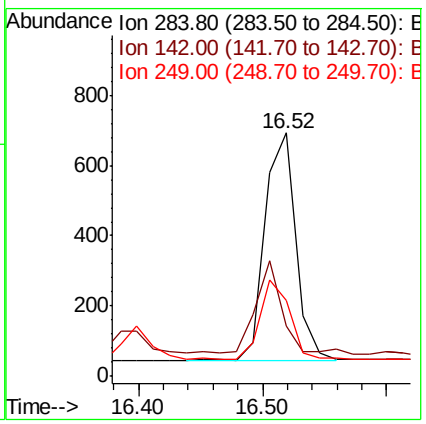


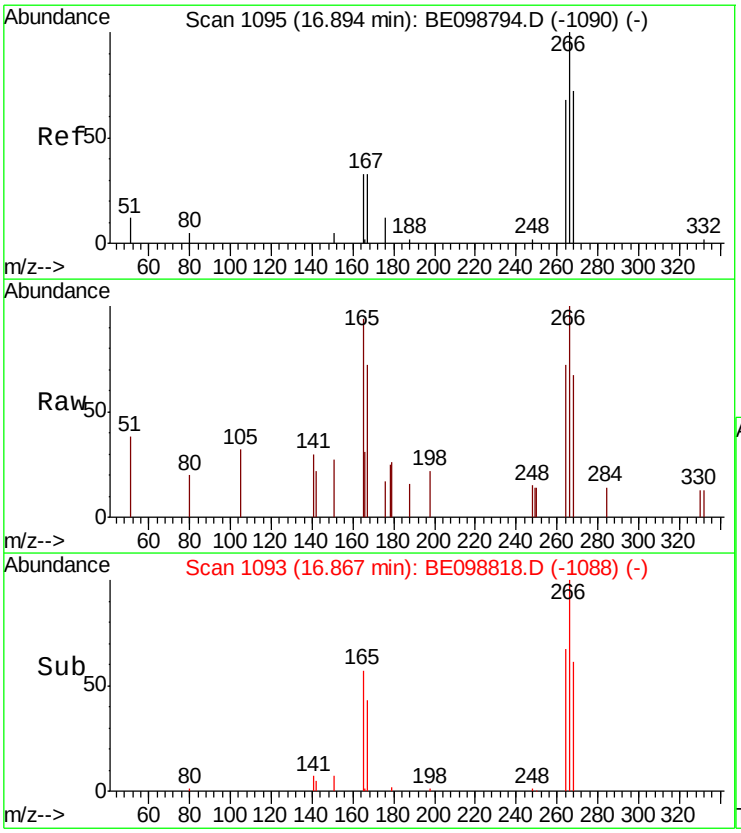
#21
Hexachlorobenzene
Concen: 0.295 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:284 Resp: 1120

Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.7	43.1
249	33.2	29.6	44.4

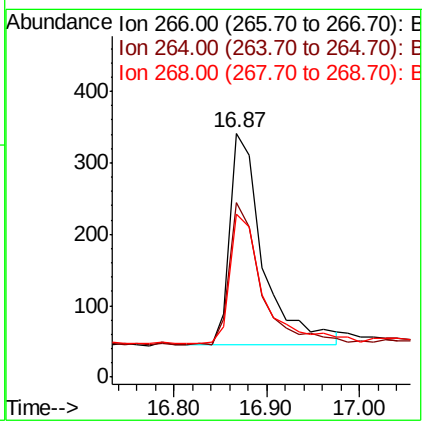


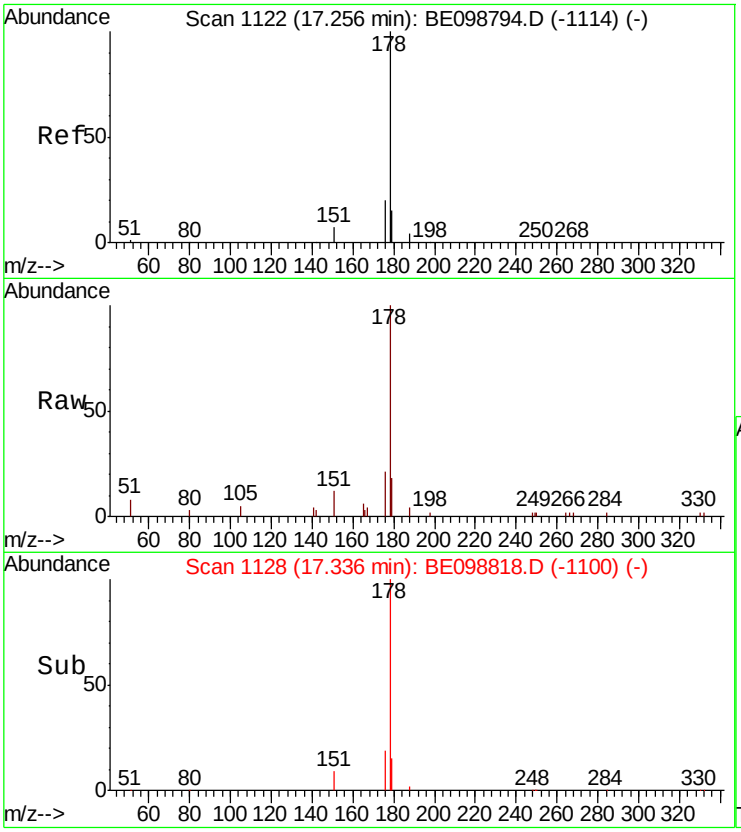


#22
Pentachlorophenol
Concen: 0.824 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:266 Resp: 724

Ion	Ratio	Lower	Upper
266	100		
264	71.8	66.6	100.0
268	66.9	69.8	104.8#



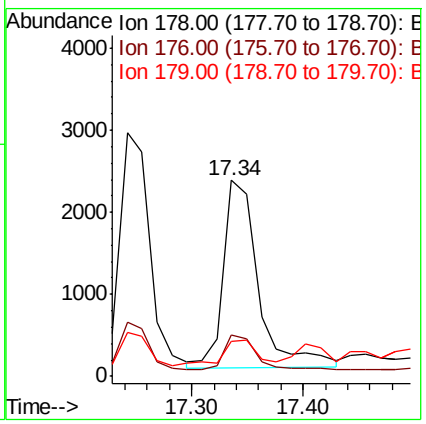


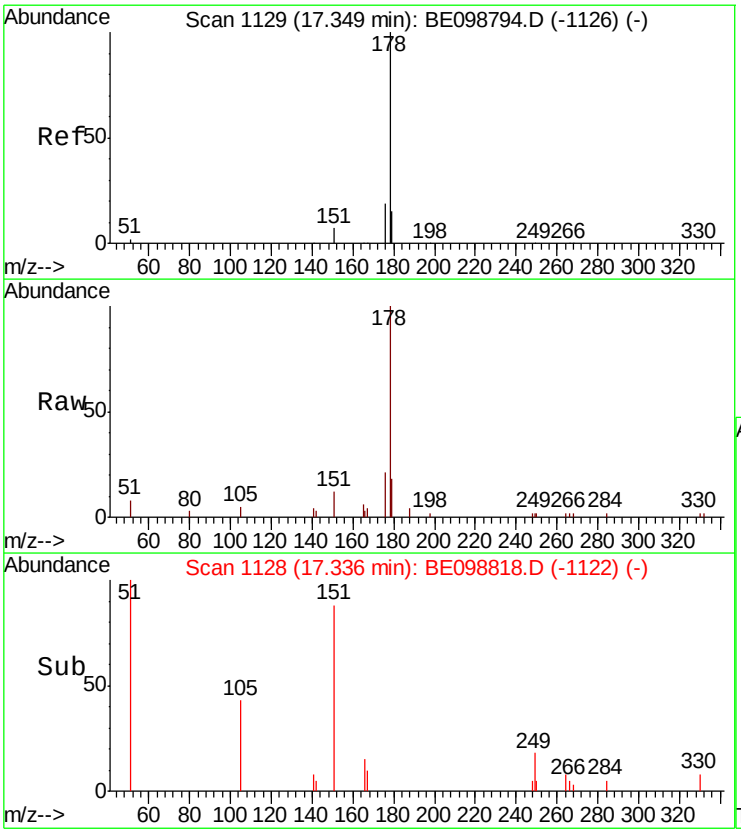
#23
Phenanthrene
Concen: 0.301 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.08 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:178 Resp: 5051

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.0	24.0
179	16.8	12.1	18.1

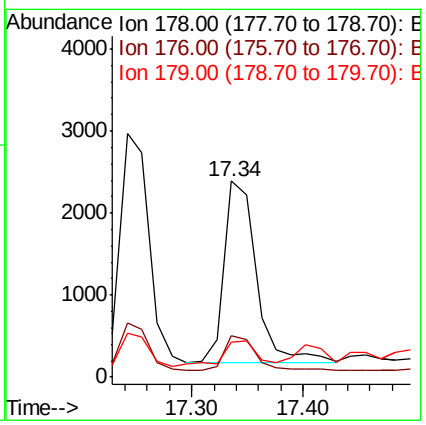


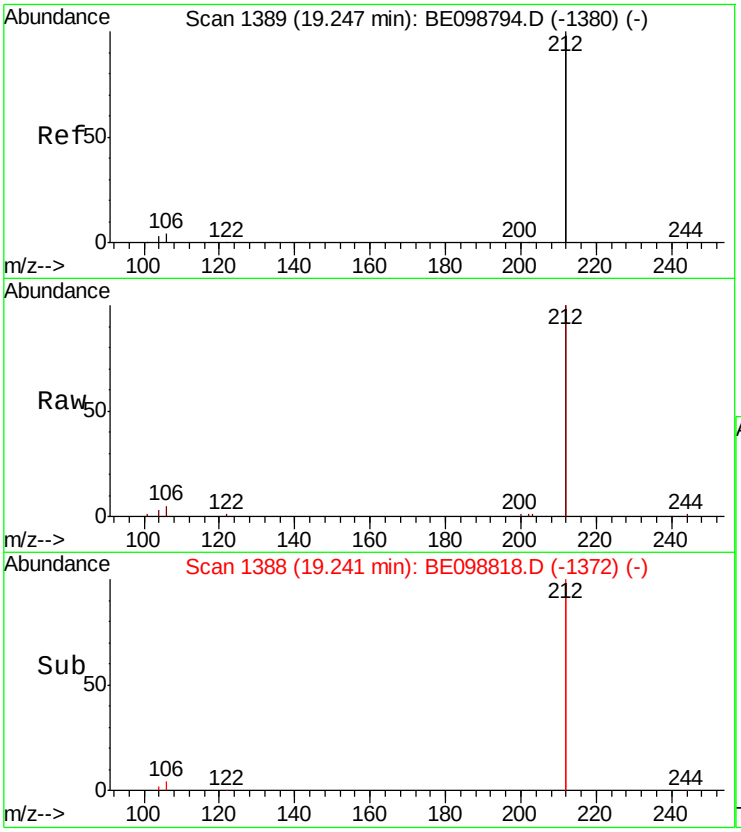


#24
Anthracene
Concen: 0.311 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:178 Resp: 4461

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.8	12.2	18.4



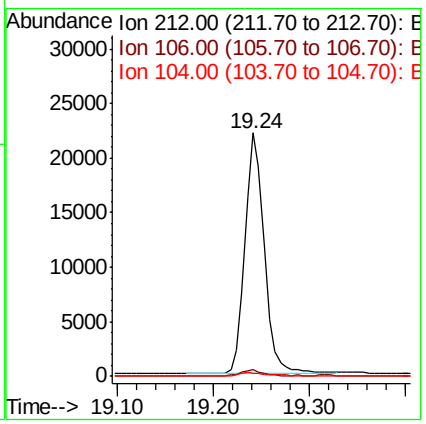


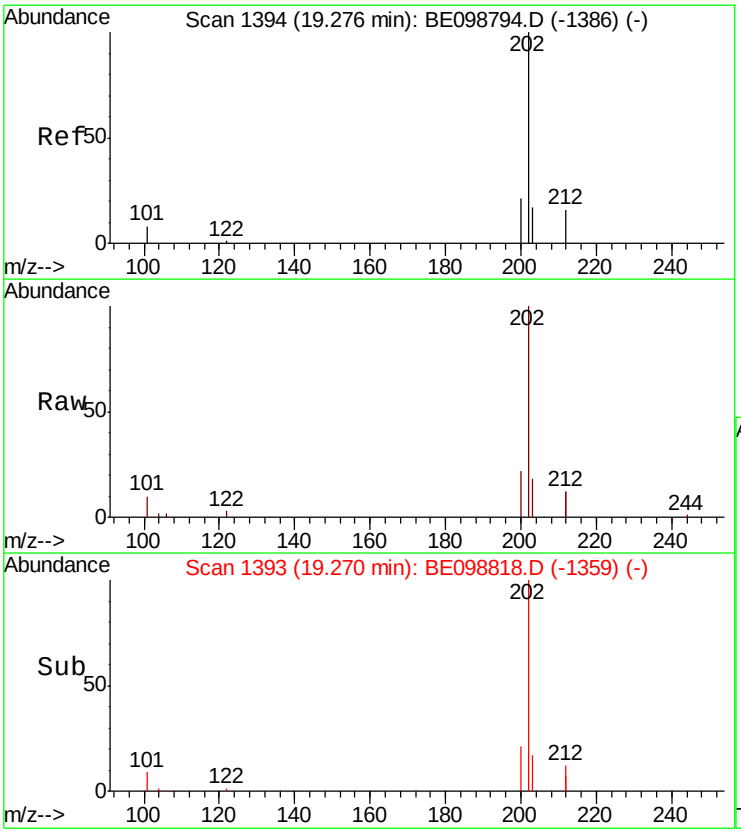
#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:212 Resp: 30994

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.5	1.0	1.6

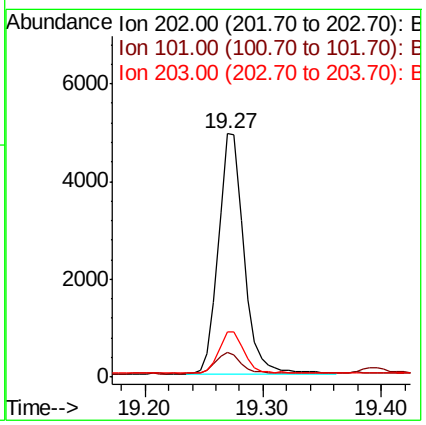


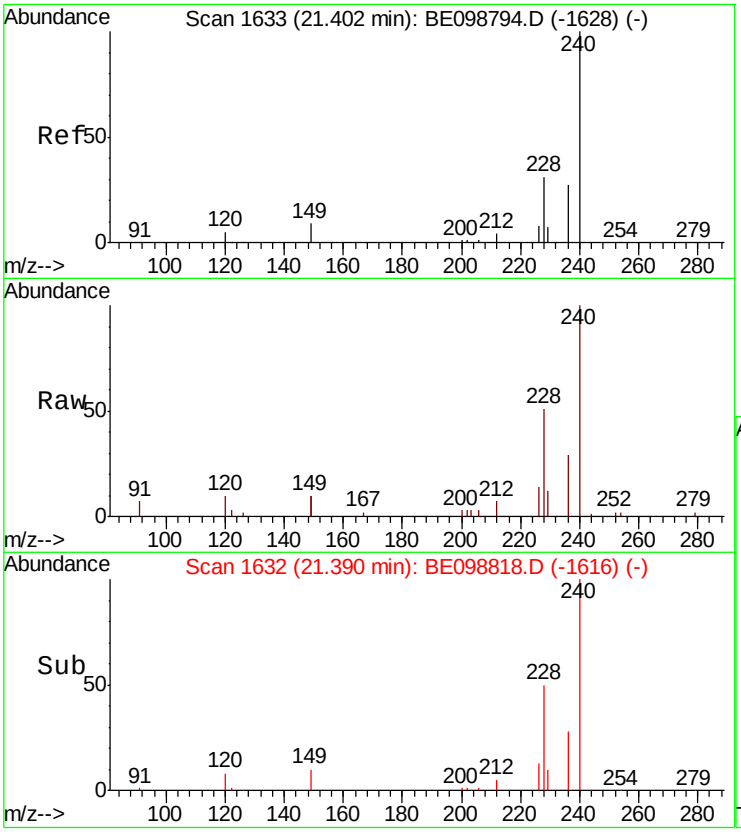


#26
Fluoranthene
Concen: 0.311 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:202 Resp: 7368

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.3	10.9
203	17.1	13.4	20.2



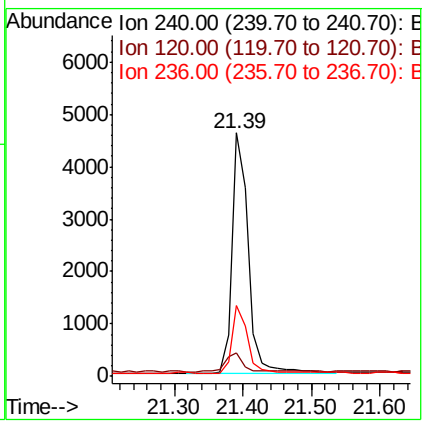


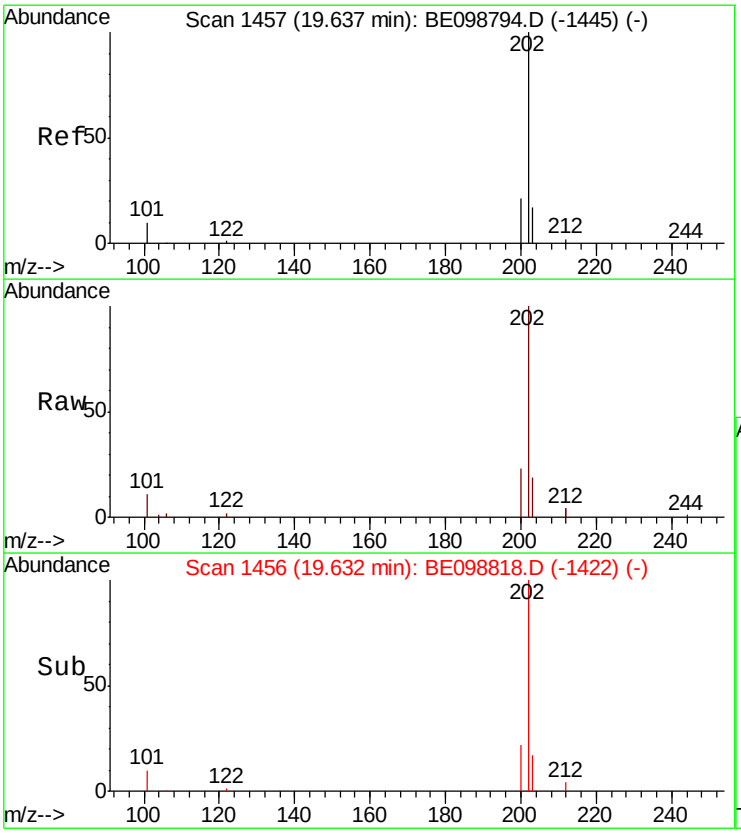
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:240 Resp: 7513

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.0	7.4#
236	28.9	22.7	34.1

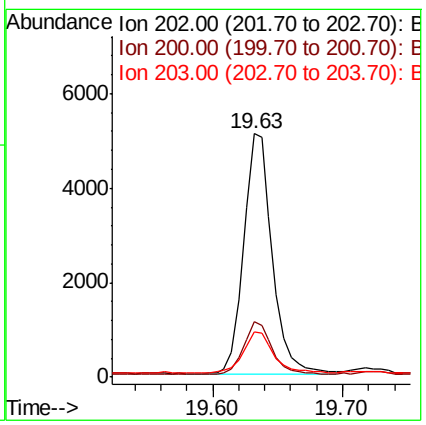


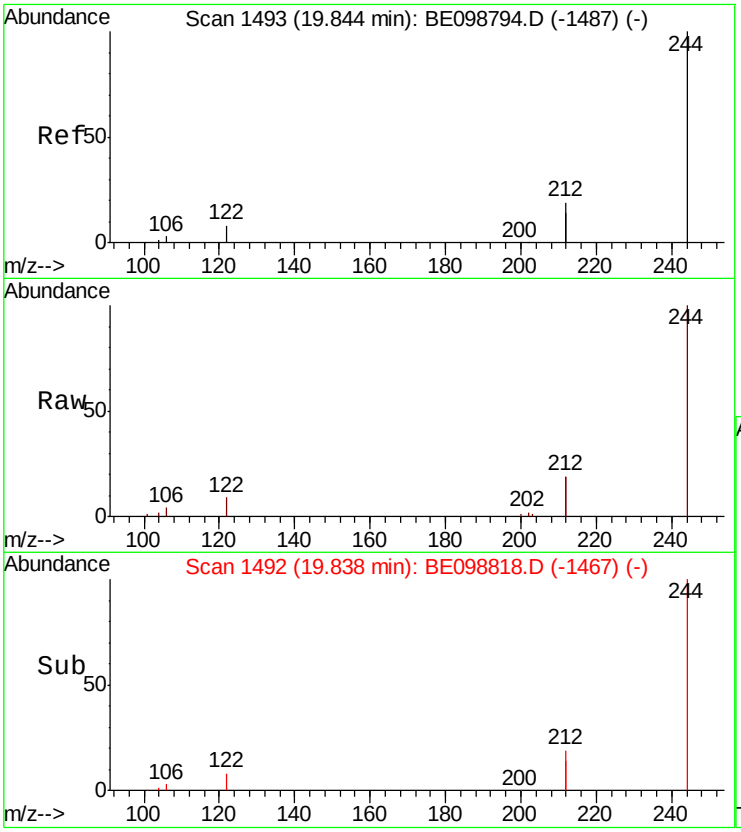


#28
Pyrene
Concen: 0.337 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:202 Resp: 7748

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	18.6	14.2	21.2



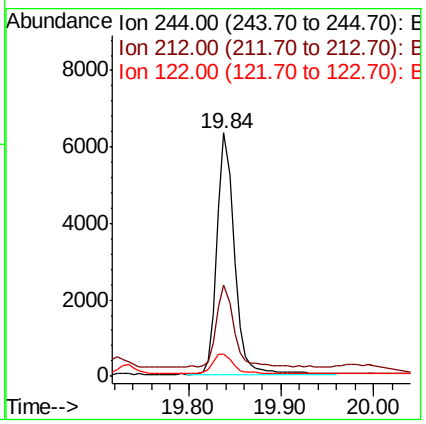


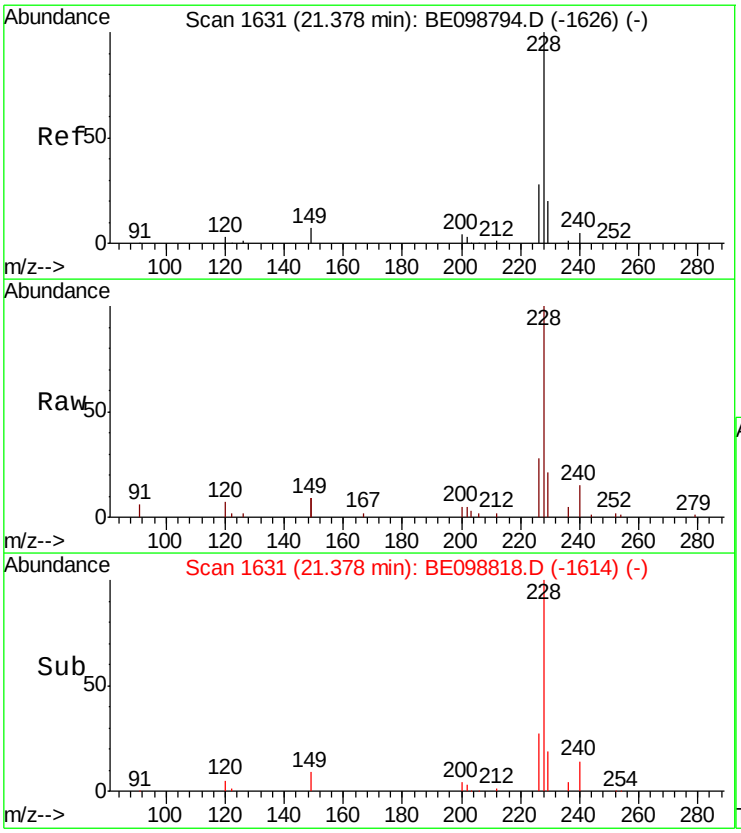
#29
Terphenyl-d14
Concen: 0.448 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:244 Resp: 8187

Ion	Ratio	Lower	Upper
244	100		
212	37.5	29.4	44.2
122	9.2	7.1	10.7

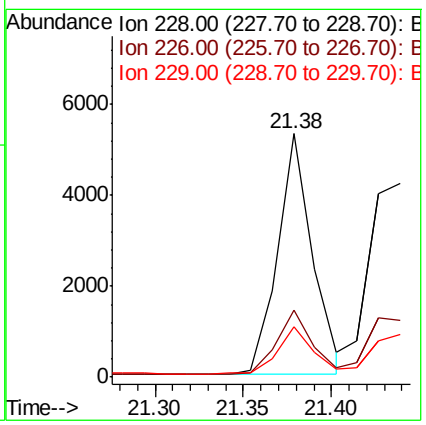


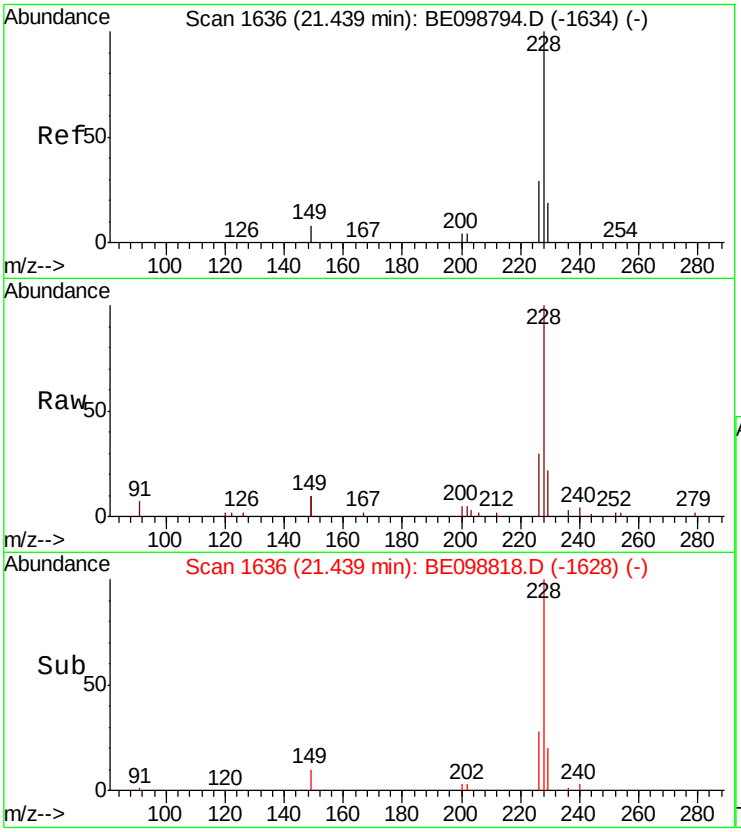


#30
Benzo(a)anthracene
Concen: 0.309 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:228 Resp: 7234

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	20.7	16.5	24.7



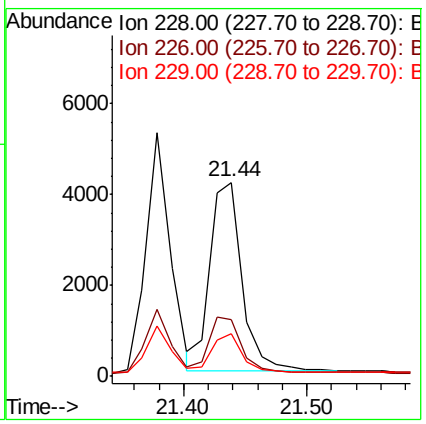


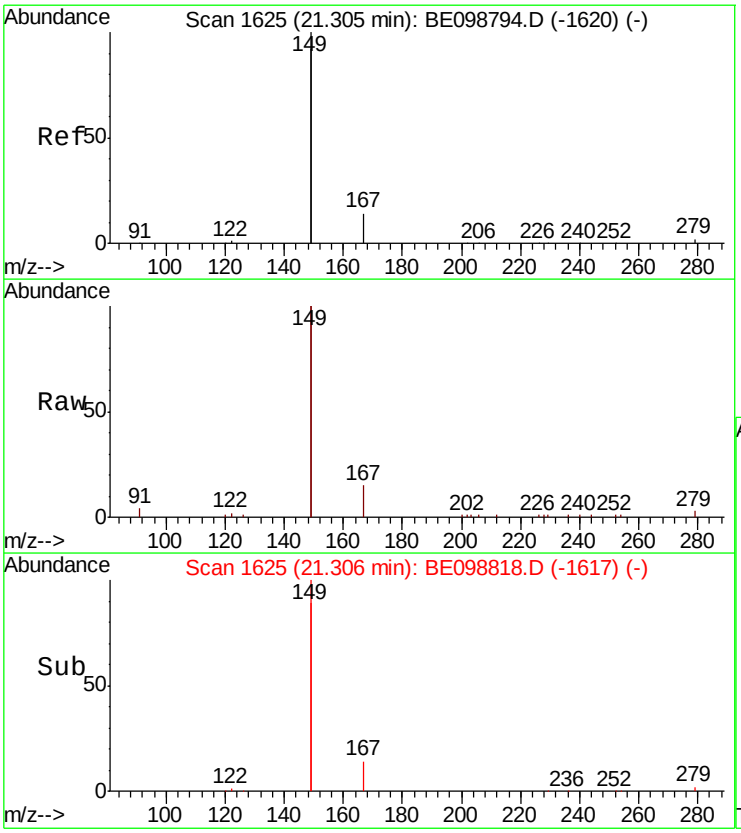
#31
Chrysene
Concen: 0.299 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:228 Resp: 7503

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	21.8	16.1	24.1

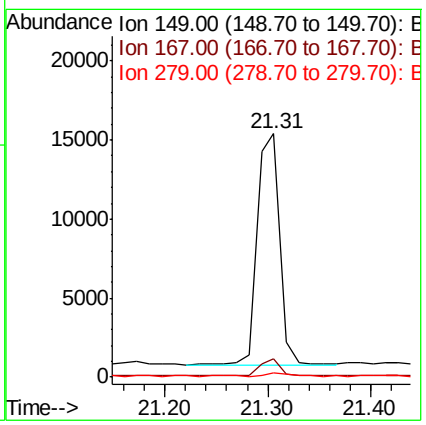


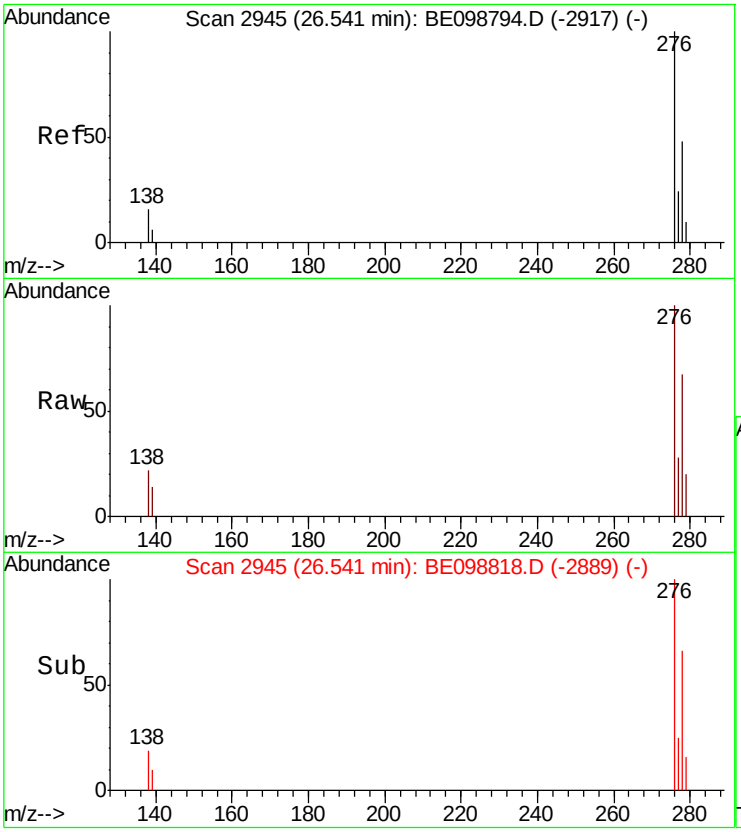


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.450 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:149 Resp: 22431

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.1	1.0	1.4



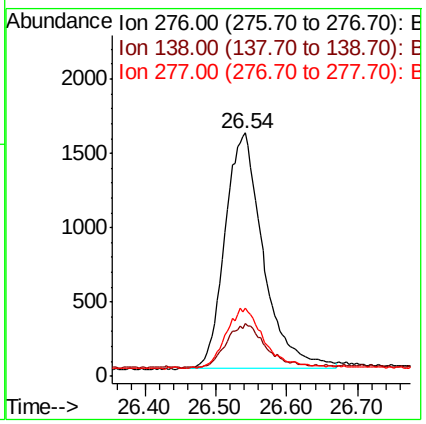


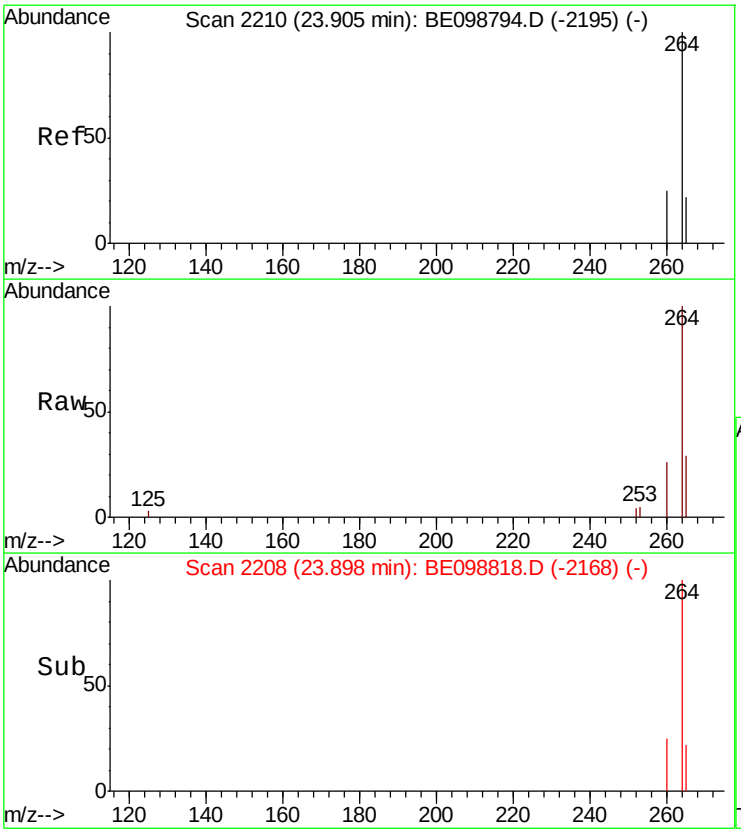
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:276 Resp: 5984

Ion	Ratio	Lower	Upper
276	100		
138	18.6	13.8	20.8
277	24.2	19.5	29.3

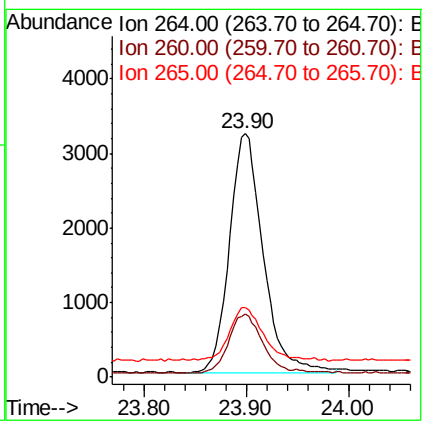


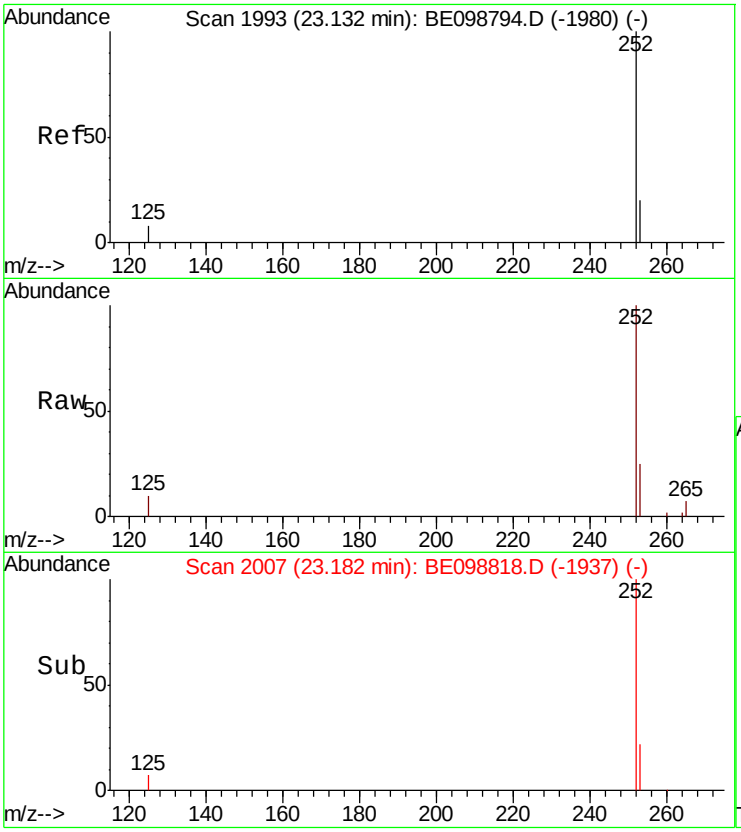


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:264 Resp: 7393

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	28.6	24.6	36.8



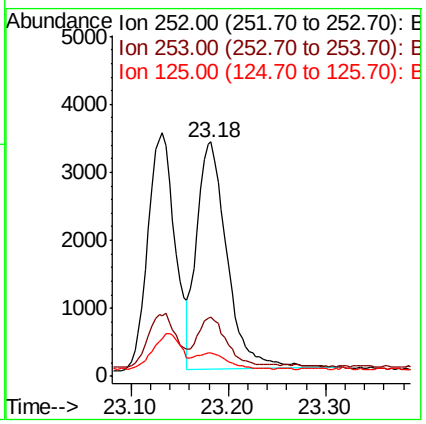


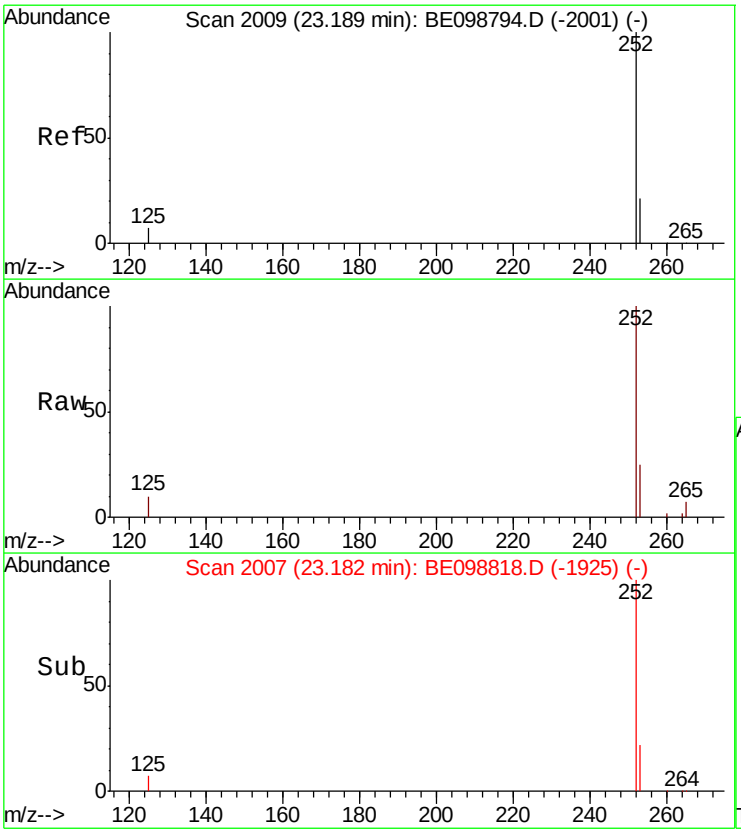
#35
Benzo(b)fluoranthene
Concen: 0.296 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:252 Resp: 7202

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	10.0	7.3	10.9

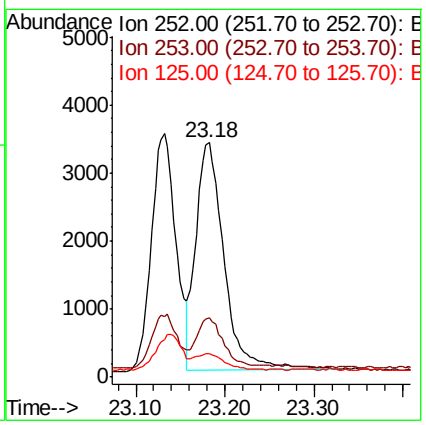


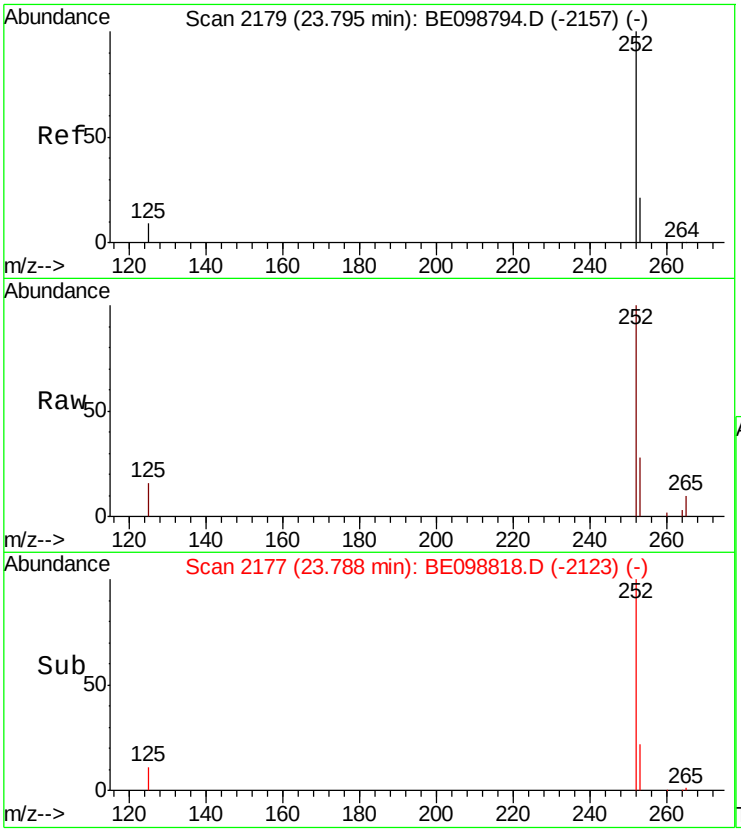


#36
Benzo(k)fluoranthene
Concen: 0.286 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:252 Resp: 7287

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.3	28.9
125	10.0	7.5	11.3



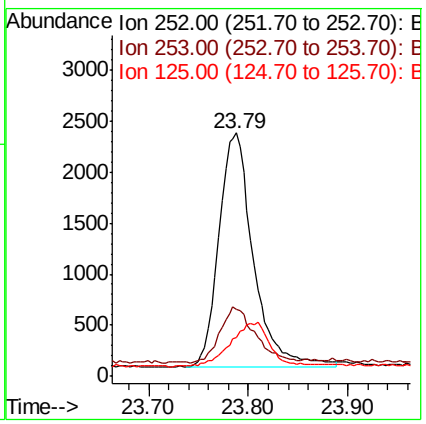


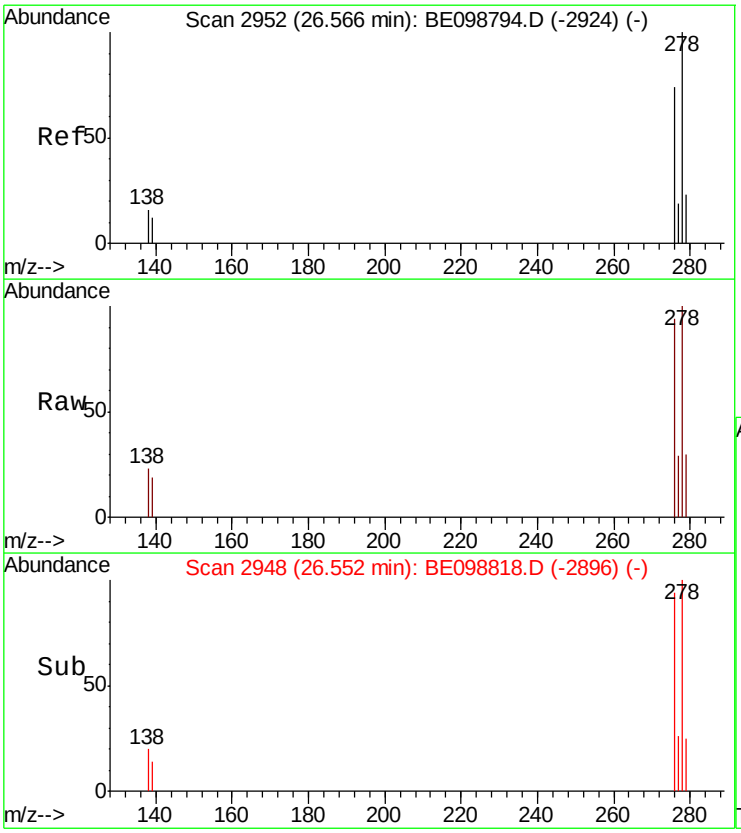
#37
Benzo(a)pyrene
Concen: 0.238 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:252 Resp: 5546

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.9	29.9
125	15.9	9.0	13.4#

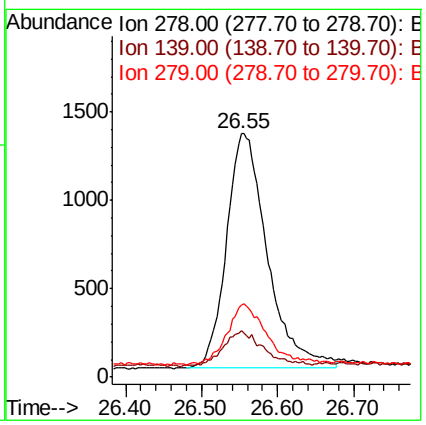


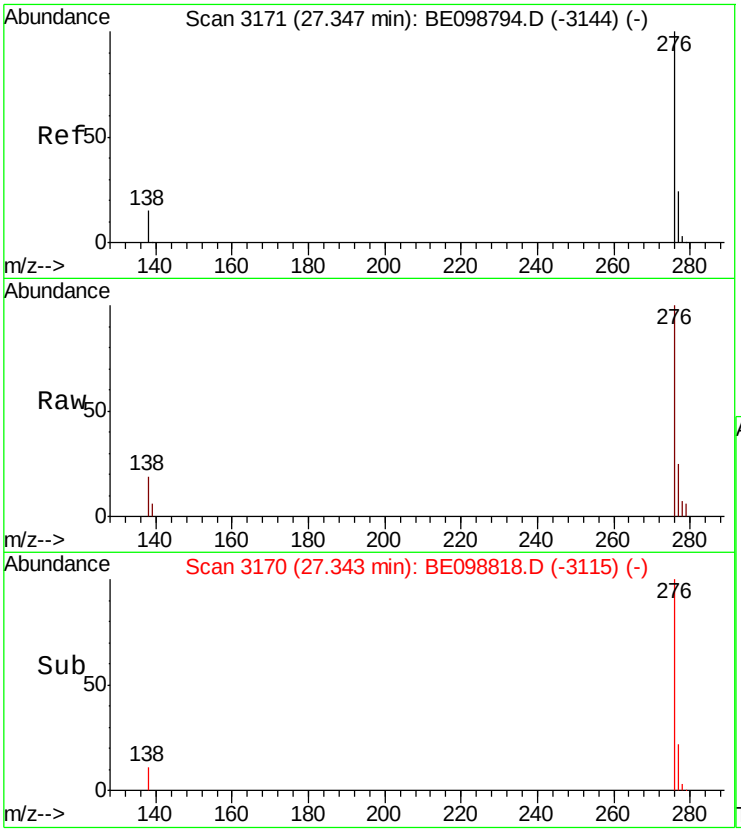


#38
Dibenzo(a,h)anthracene
Concen: 0.225 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Tgt Ion:278 Resp: 4964

Ion	Ratio	Lower	Upper
278	100		
139	19.0	11.8	17.6#
279	29.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.200 ng
RT: 27.34 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BE098818.D
Acq: 7 Mar 2019 13:47

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMS

Tgt Ion:276 Resp: 4614

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.4	30.6
138	18.9	13.6	20.4