Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
Data File : BE098819.D
Acq On : 7 Mar 2019 14:23
Operator : JU/SJ
Sample : K1655-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A0C1-TWPMSD

Quant Time: Mar 08 03:34:50 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	870	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	3597	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2404	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6056	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7766	0.40	ng		-0.01
34) Perylene-d12	23.90	264	7575	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	321	0.12	ng		0.00
5) Phenol-d6	6.97	99	321	0.09	ng		-0.01
8) Nitrobenzene-d5	8.95	82	1401	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.20	152	2607	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	382	0.31	ng		-0.02
15) 2-Fluorobiphenyl	13.07	172	4287	0.43	ng		-0.01
25) Fluoranthene-d10	19.24	212	38022	0.39	ng		0.00
29) Terphenyl-d14	19.84	244	9769	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	244	0.078	ng	#	46
3) n-Nitrosodimethylamine	3.61	42	238	0.109	ng	#	84
6) bis(2-Chloroethyl)ether	7.22	93	936	0.330	ng	#	80
9) Naphthalene	10.63	128	15391	0.374	ng		99
10) Hexachlorobutadiene	10.91	225	874	0.321	ng		97
12) 2-Methylnaphthalene	12.27	142	2753	0.412	ng		97
16) Acenaphthylene	14.17	152	4240	0.343	ng		96
17) Acenaphthene	14.51	154	2502	0.341	ng		98
18) Fluorene	15.50	166	3749	0.354	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1279	0.390	ng		93
21) Hexachlorobenzene	16.52	284	1321	0.338	ng		98
22) Pentachlorophenol	16.87	266	696	0.788	ng	#	83
23) Phenanthrene	17.25	178	6577	0.382	ng		97
24) Anthracene	17.35	178	5506	0.374	ng		99
26) Fluoranthene	19.27	202	8576	0.353	ng		99
28) Pyrene	19.63	202	9095	0.383	ng		99
30) Benzo(a)anthracene	21.38	228	8791	0.363	ng		98
31) Chrysene	21.43	228	8990	0.347	ng		96
32) Bis(2-ethylhexyl)phthalate	21.31	149	18928	0.367	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8159	0.298	ng	#	92
35) Benzo(b)fluoranthene	23.18	252	8983	0.361	ng		98
36) Benzo(k)fluoranthene	23.18	252	9023	0.346	ng		100
37) Benzo(a)pyrene	23.79	252	7573	0.317	ng	#	97
38) Dibenzo(a,h)anthracene	26.55	278	6622	0.293	ng		98
39) Benzo(g,h,i)perylene	27.34	276	6662	0.282	ng		98

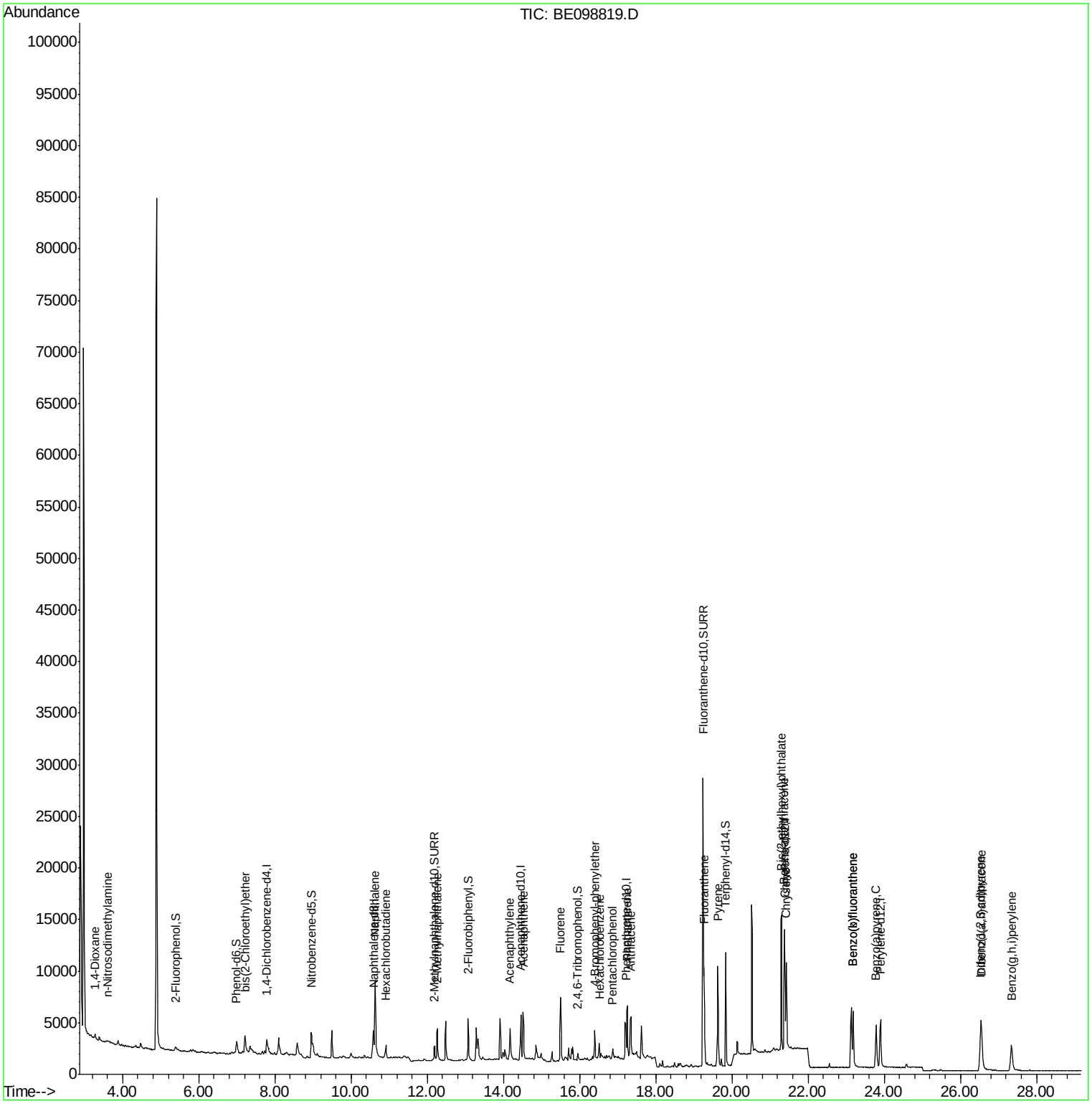
(#) = qualifier out of range (m) = manual integration (+) = signals summed

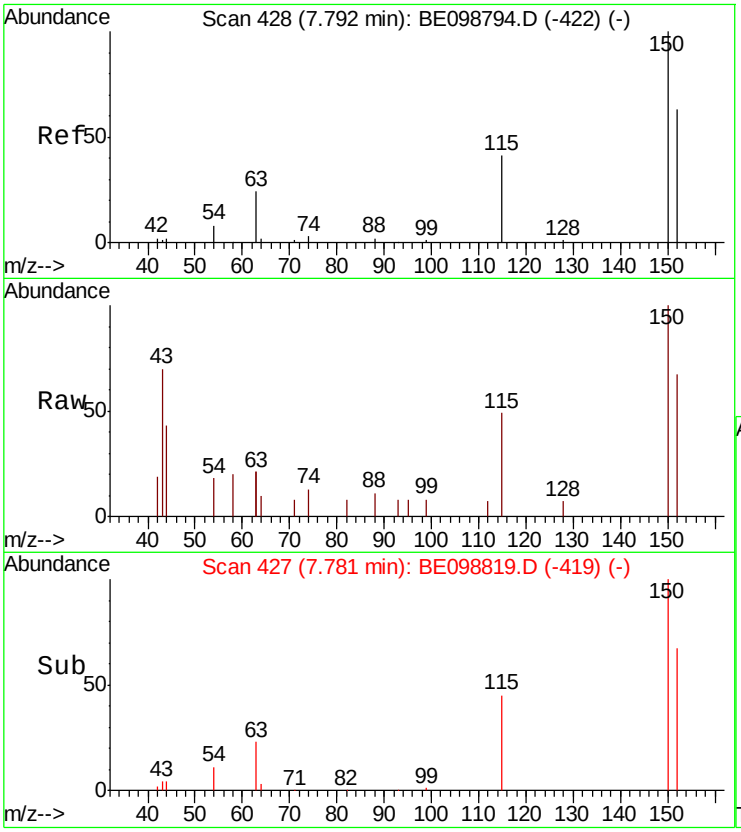
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
Data File : BE098819.D
Acq On : 7 Mar 2019 14:23
Operator : JU/SJ
Sample : K1655-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Quant Time: Mar 08 03:34:50 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



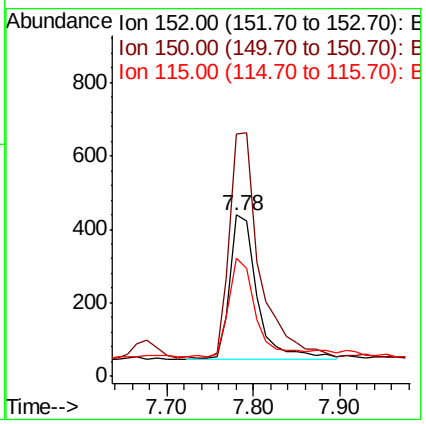


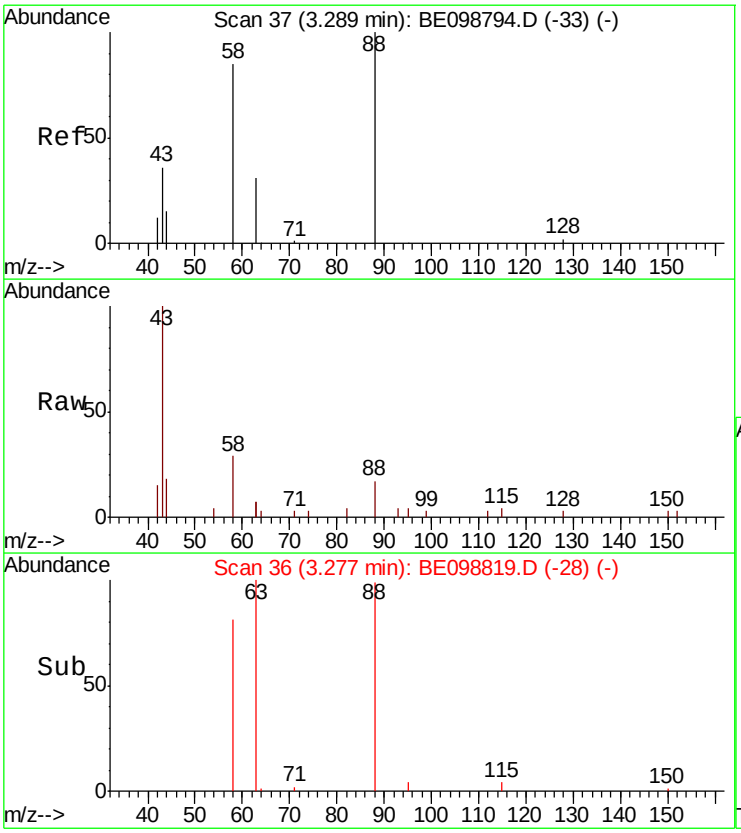
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:152 Resp: 870

Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.5	183.7
115	72.9	57.4	86.2

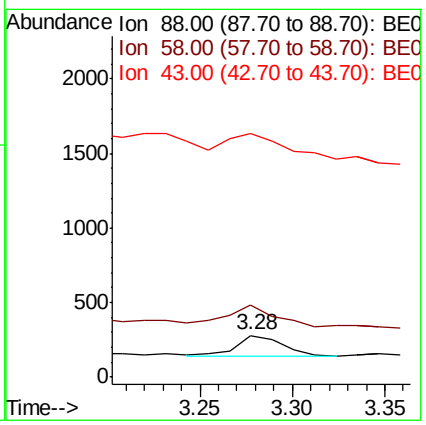


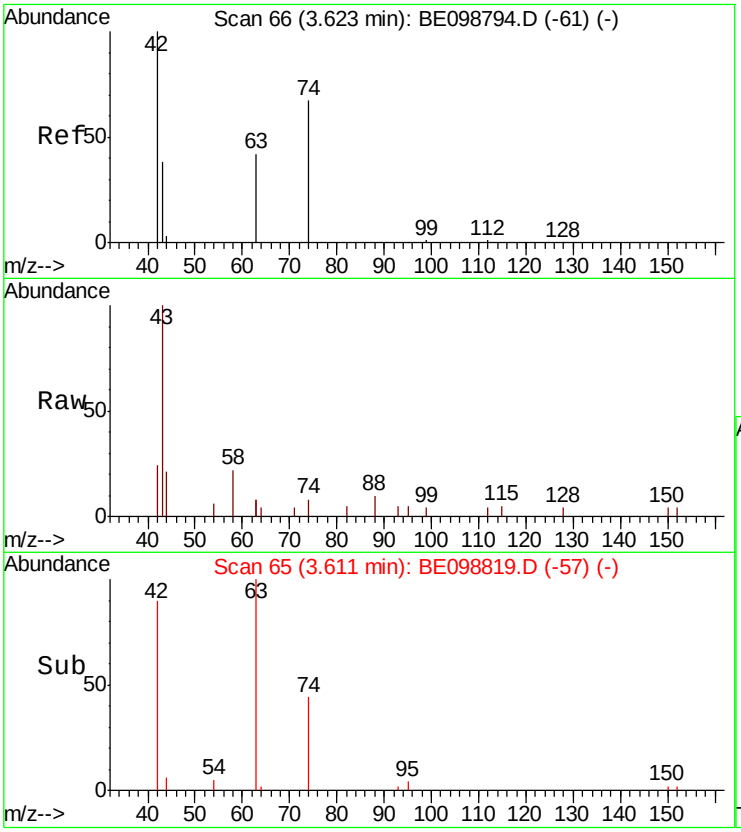


#2
1,4-Dioxane
Concen: 0.078 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion: 88 Resp: 244

Ion	Ratio	Lower	Upper
88	100		
58	90.6	75.8	113.6
43	154.5	41.8	62.8#



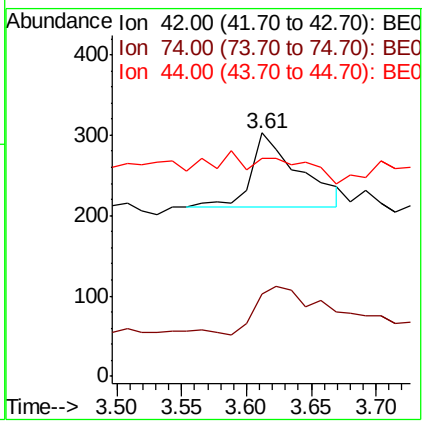


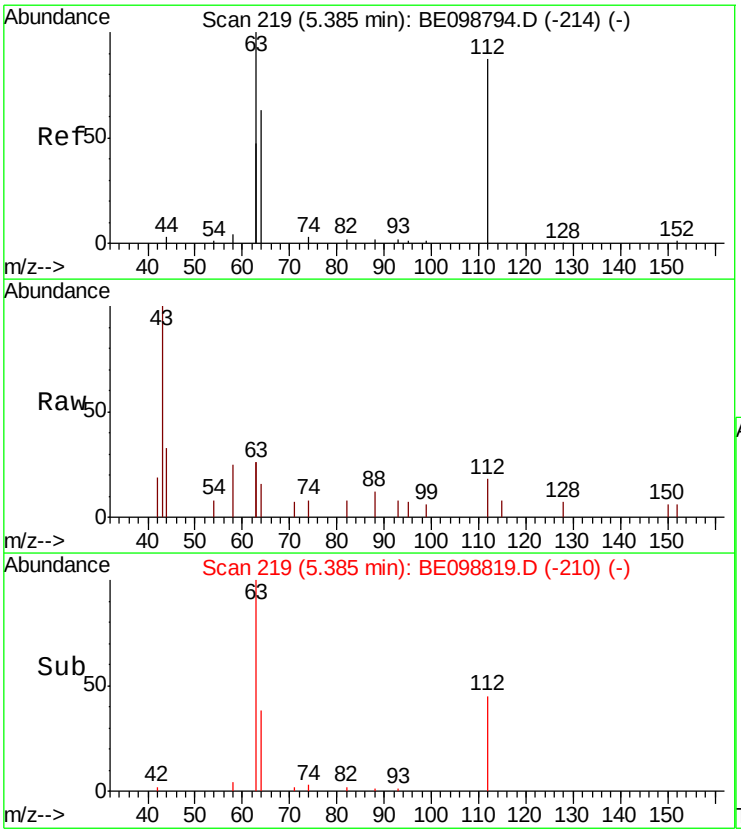
#3
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion: 42 Resp: 238

Ion	Ratio	Lower	Upper
42	100		
74	84.5	57.0	85.4
44	0.0	0.0	0.0

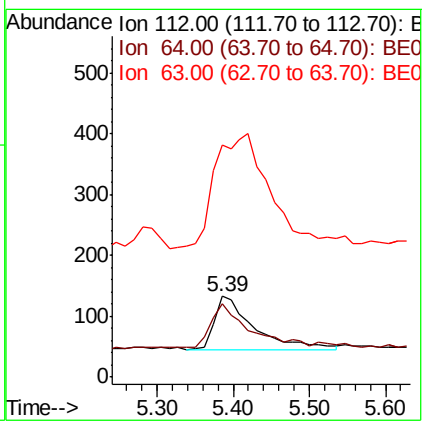


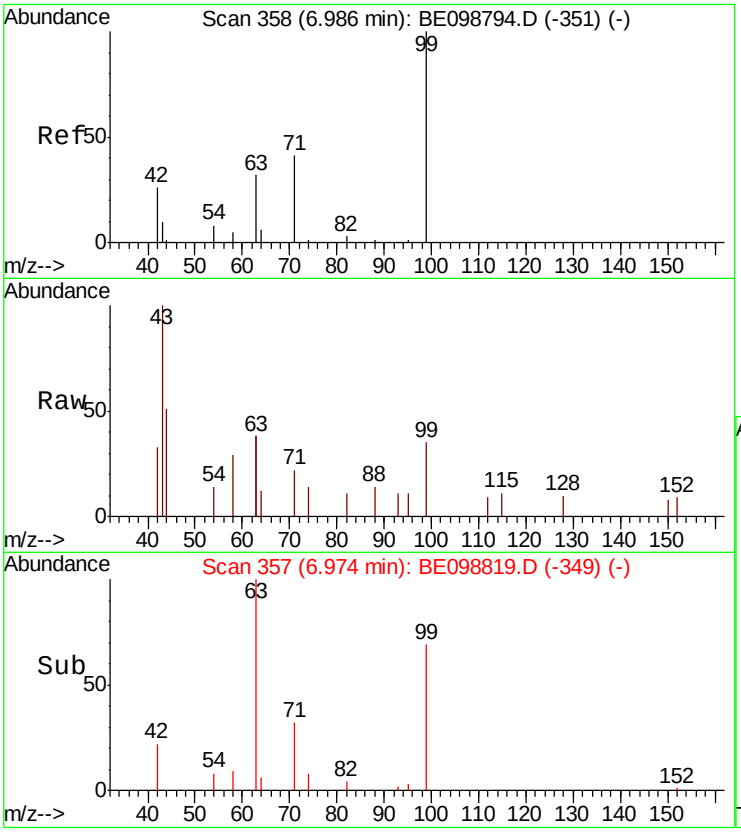


#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:112 Resp: 321

Ion	Ratio	Lower	Upper
112	100		
64	75.7	57.9	86.9
63	0.0	158.3	237.5#



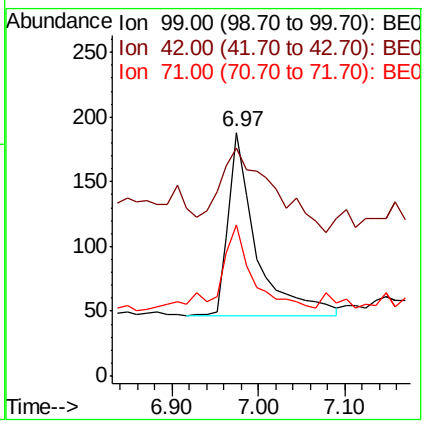


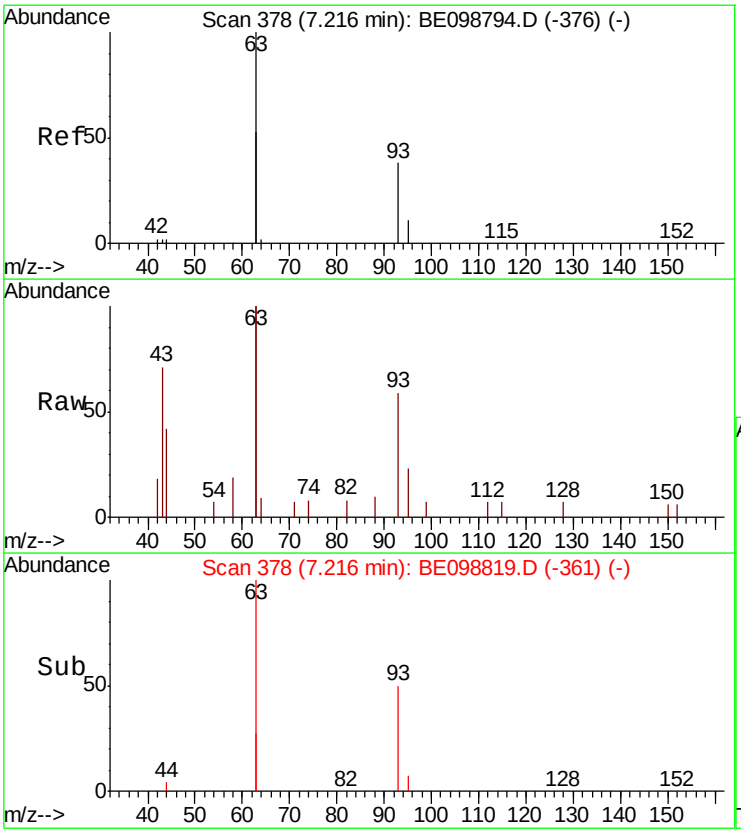
#5
Phenol-d6
Concen: 0.087 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion: 99 Resp: 321

Ion	Ratio	Lower	Upper
99	100		
42	86.6	24.2	36.2#
71	48.3	35.7	53.5

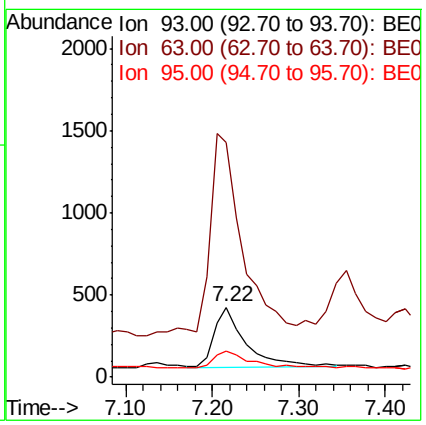


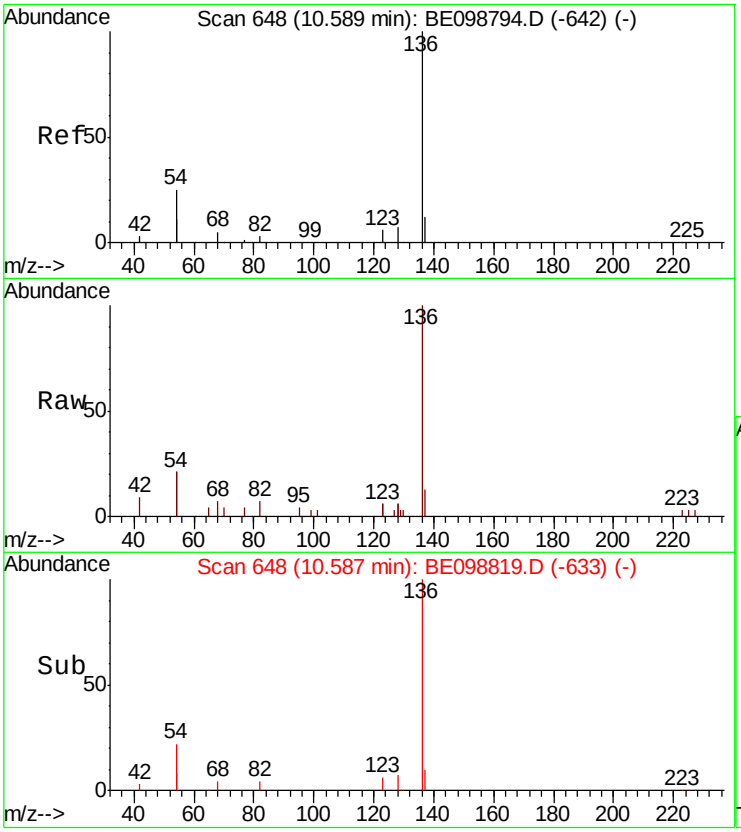


#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion: 93 Resp: 936

Ion	Ratio	Lower	Upper
93	100		
63	351.6	247.5	371.3
95	34.1	21.8	32.8#



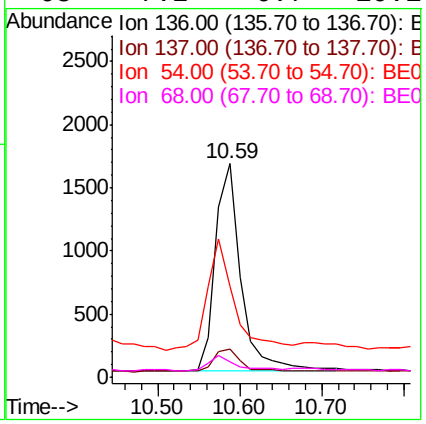


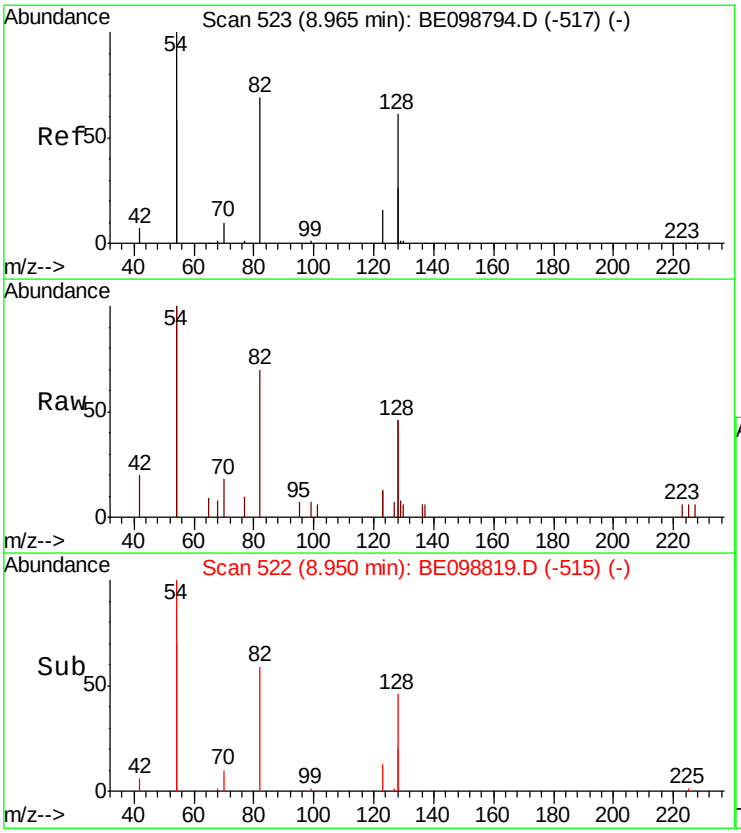
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:136 Resp: 3597

Ion	Ratio	Lower	Upper
136	100		
137	13.1	11.4	17.0
54	42.4	39.3	58.9
68	7.2	6.7	10.1

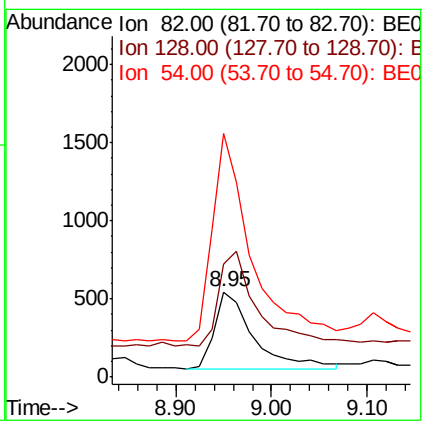


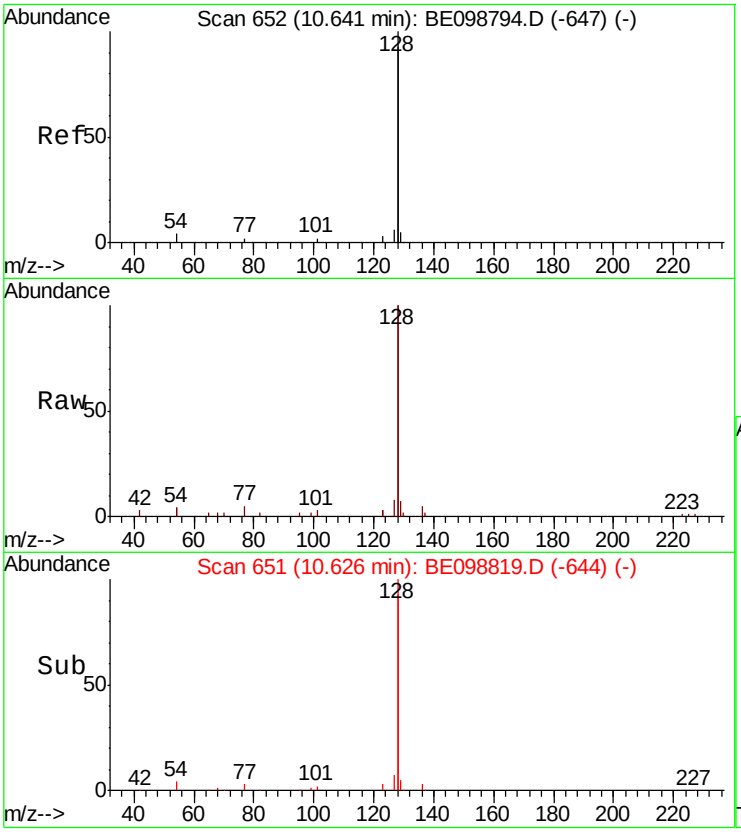


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion: 82 Resp: 1401

Ion	Ratio	Lower	Upper
82	100		
128	132.1	123.8	185.8
54	285.9	203.4	305.2



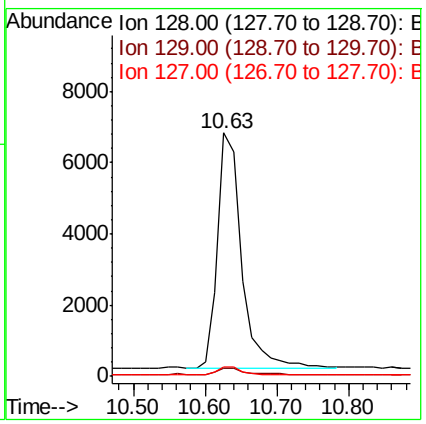


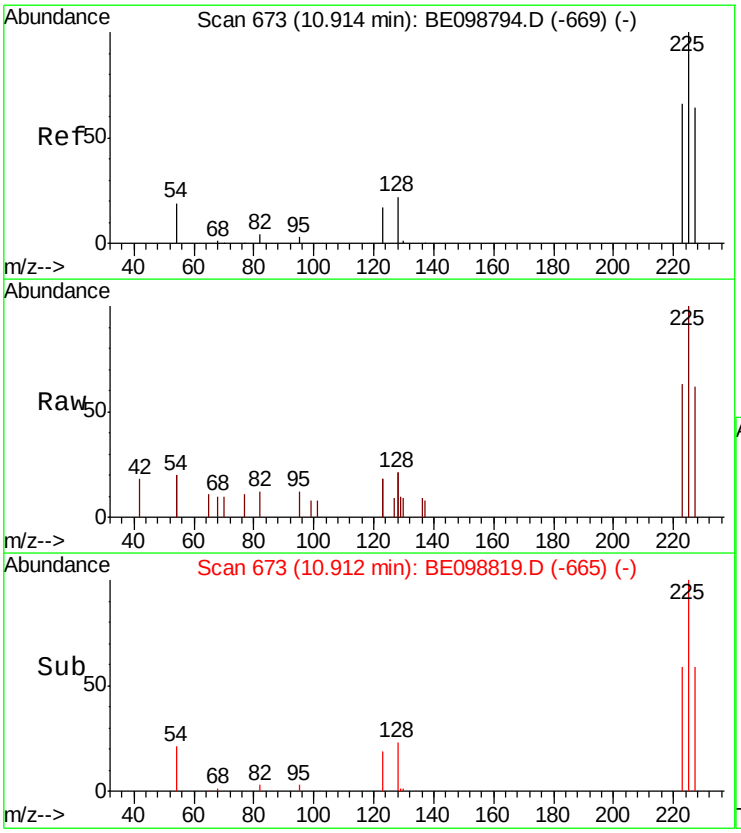
#9
Naphthalene
Concen: 0.374 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:128 Resp: 15391

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.1	3.1	4.7

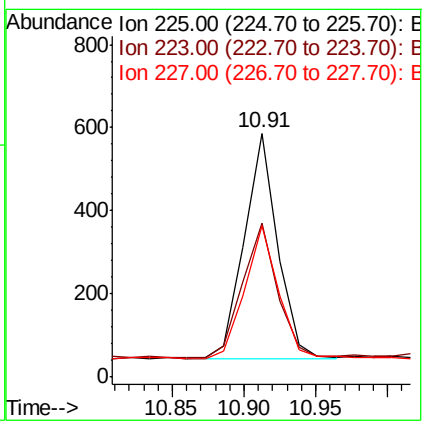


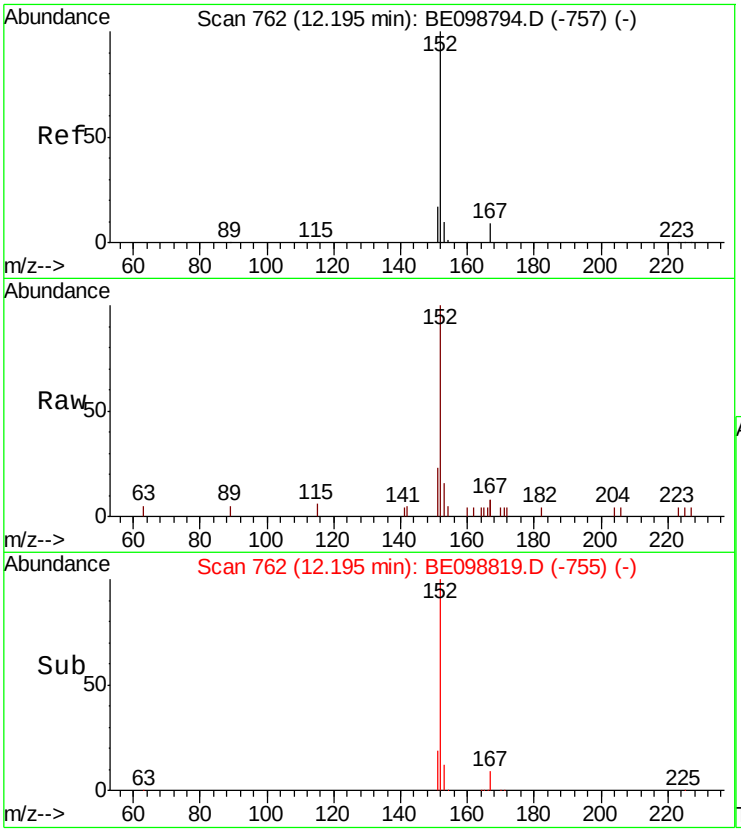


#10
Hexachlorobutadiene
Concen: 0.321 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:225 Resp: 874

Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	60.4	51.6	77.4



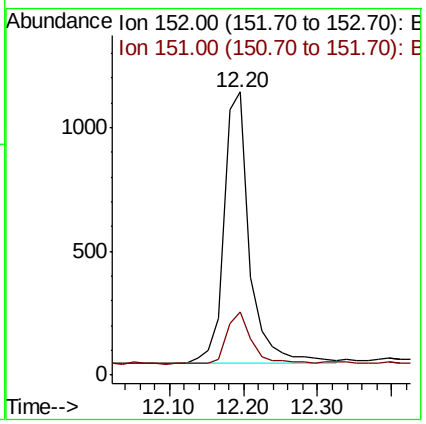


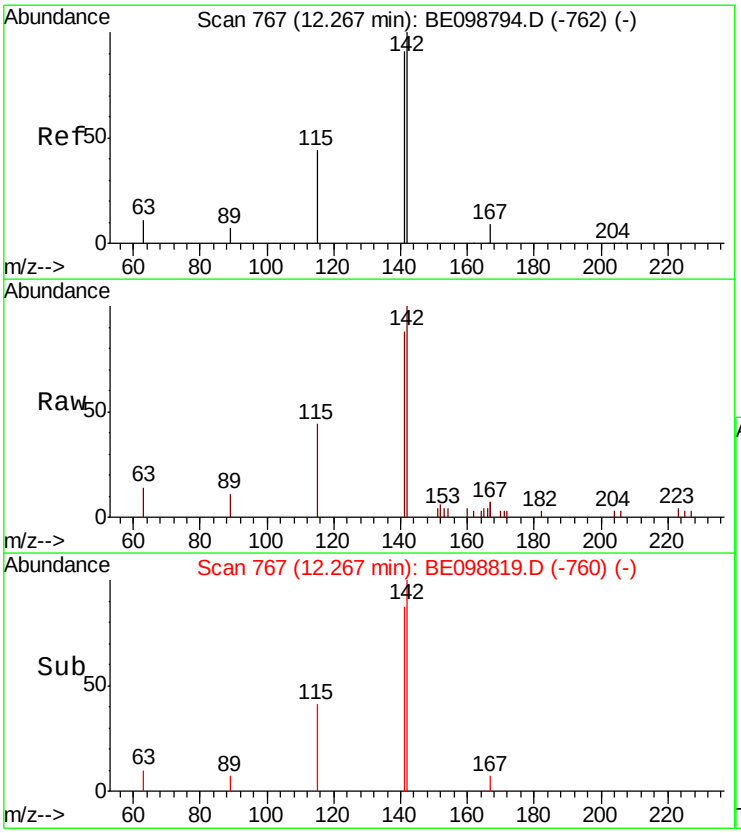
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:152 Resp: 2607

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.5	24.7

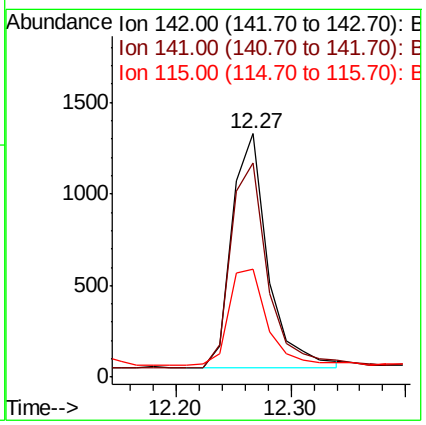


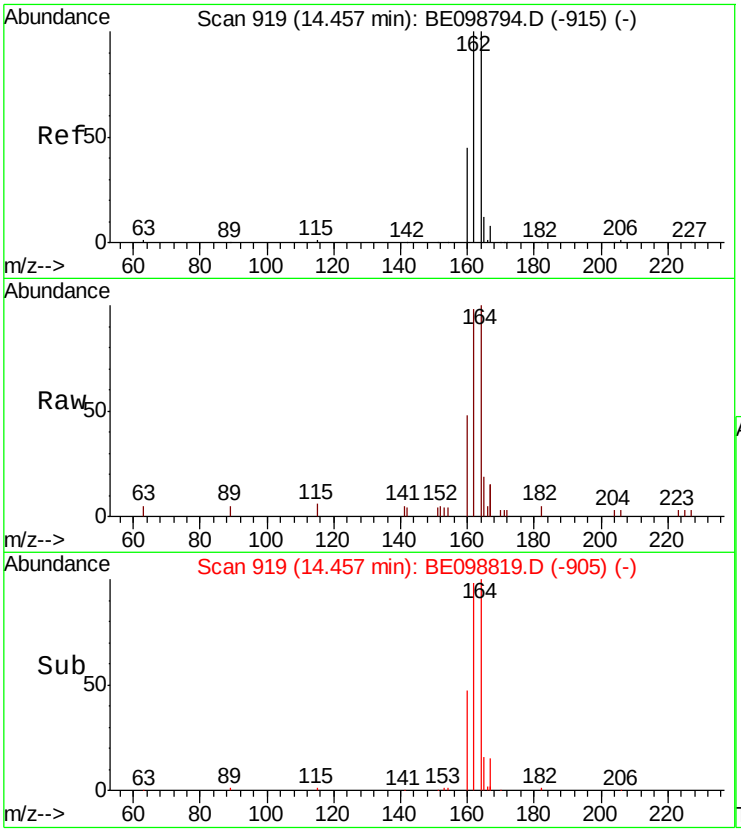


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:142 Resp: 2753

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8
115	44.3	37.4	56.2



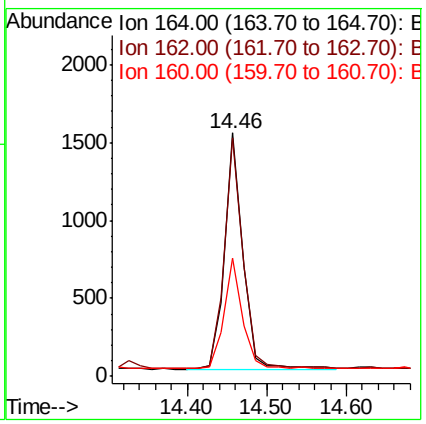


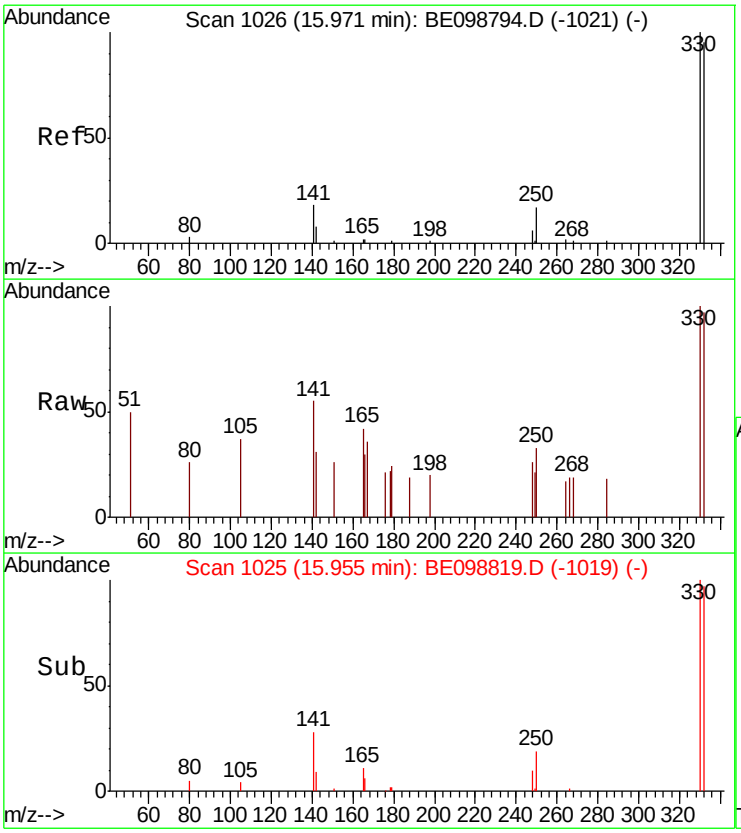
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:164 Resp: 2404

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.2	120.2
160	48.5	37.8	56.8

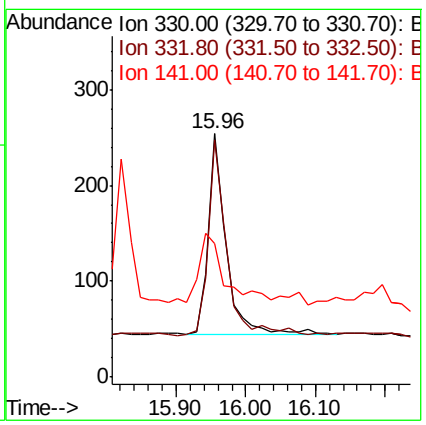


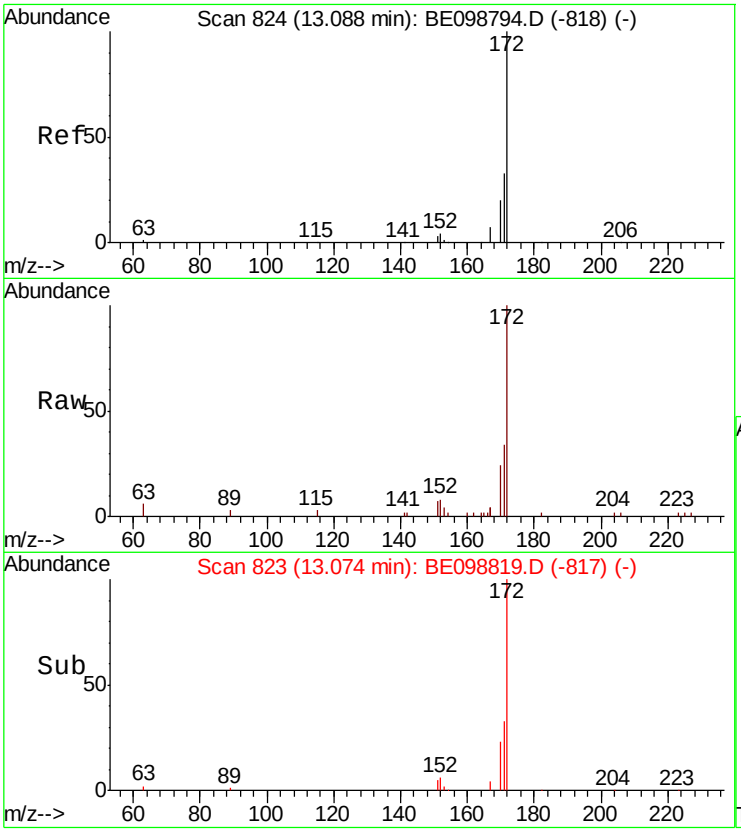


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:330 Resp: 382

Ion	Ratio	Lower	Upper
330	100		
332	100.3	77.6	116.4
141	46.6	31.0	46.4#



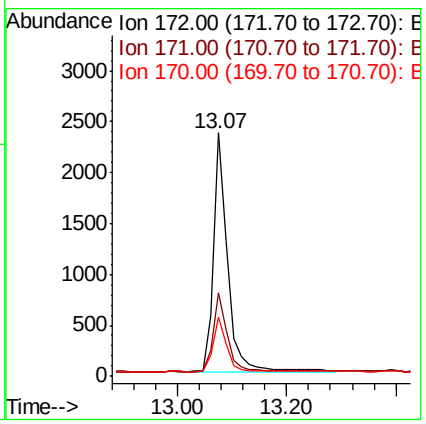


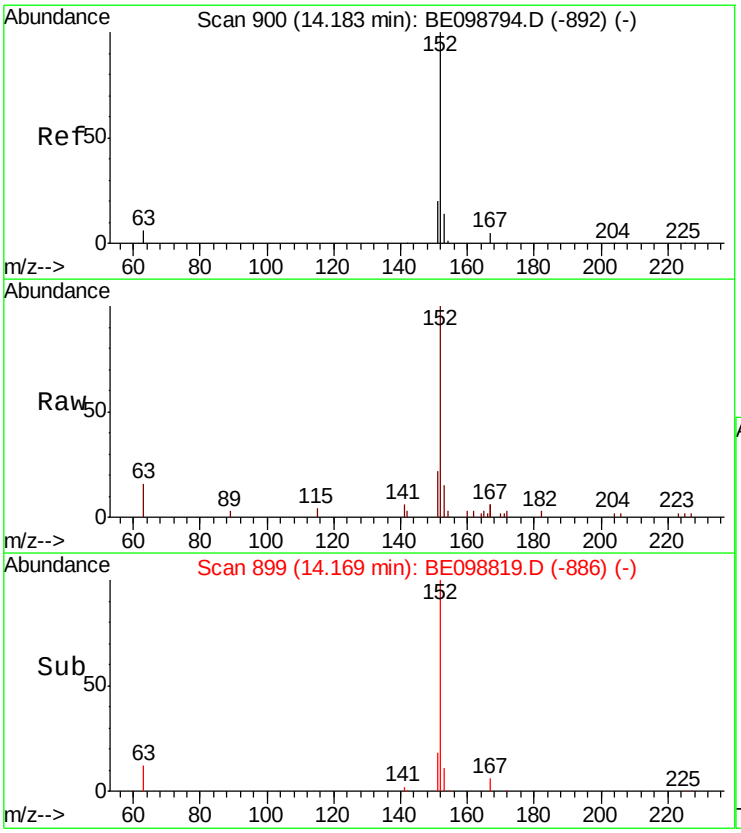
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:172 Resp: 4287

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	24.4	17.7	26.5

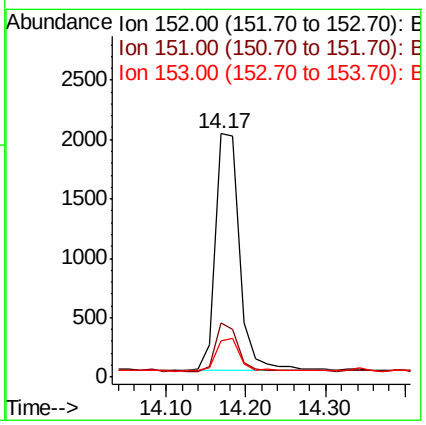


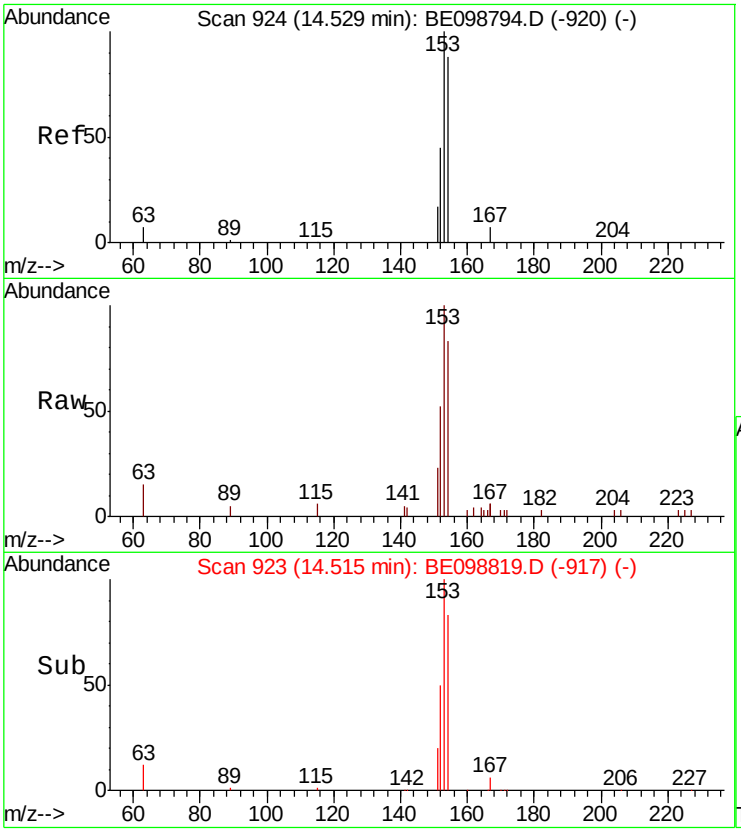


#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:152 Resp: 4240

Ion	Ratio	Lower	Upper
152	100		
151	18.6	17.0	25.6
153	13.3	11.2	16.8



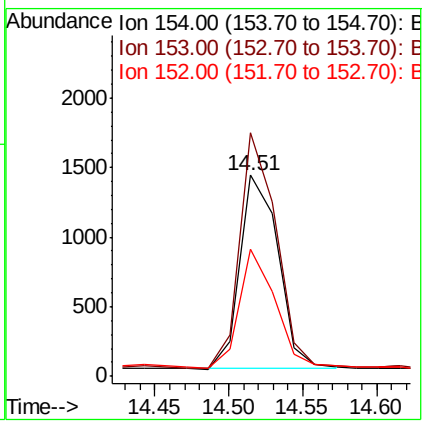


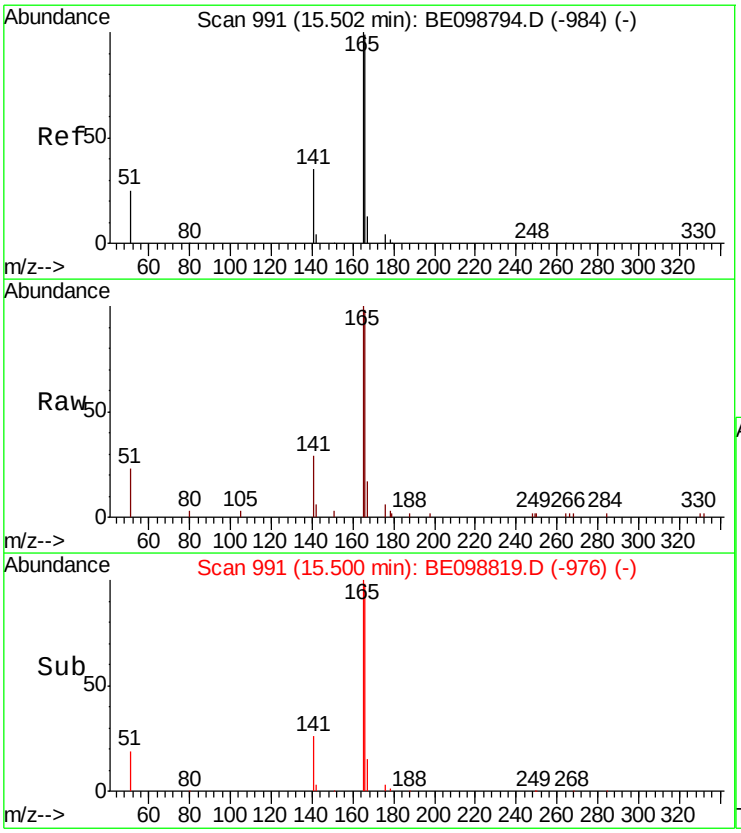
#17
Acenaphthene
Concen: 0.341 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:154 Resp: 2502

Ion	Ratio	Lower	Upper
154	100		
153	115.7	94.2	141.4
152	57.2	45.0	67.4

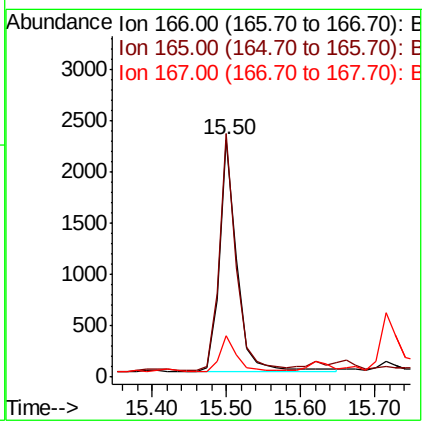


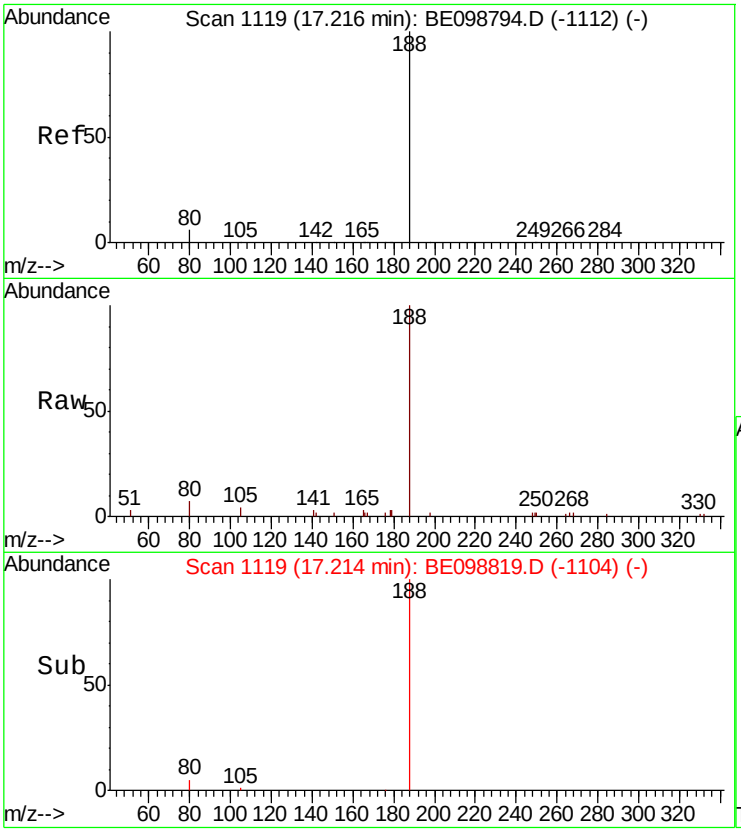


#18
Fluorene
Concen: 0.354 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:166 Resp: 3749

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.3	118.9
167	14.6	10.5	15.7



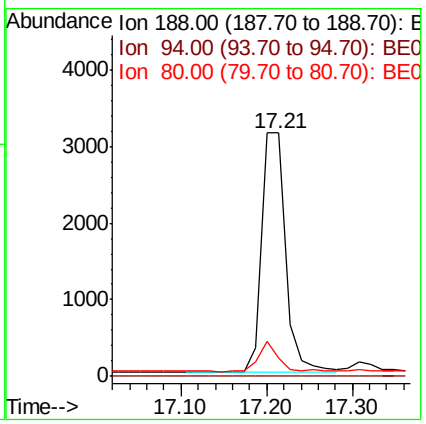


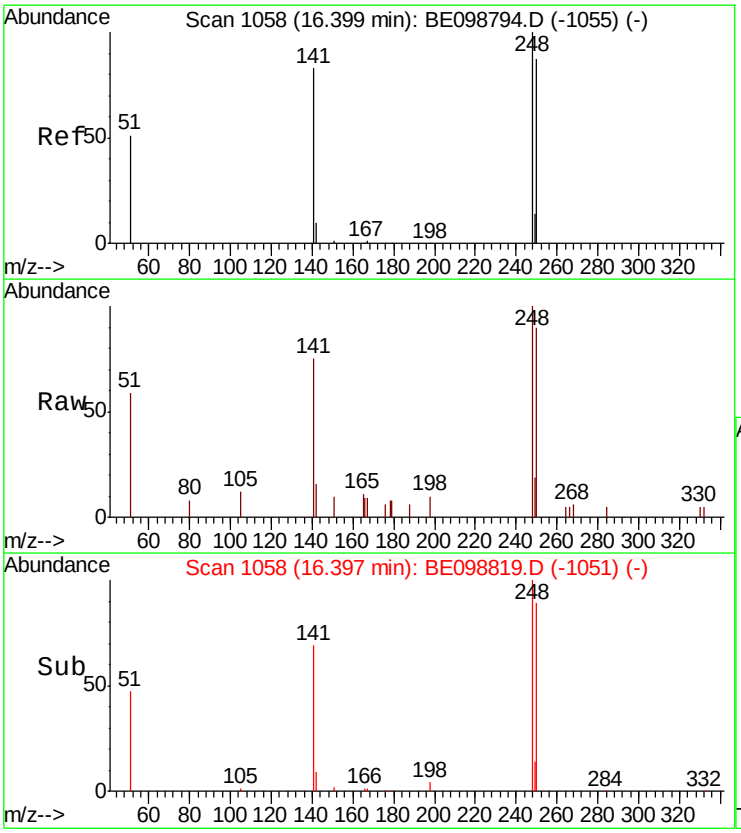
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:188 Resp: 6056

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.3	9.5

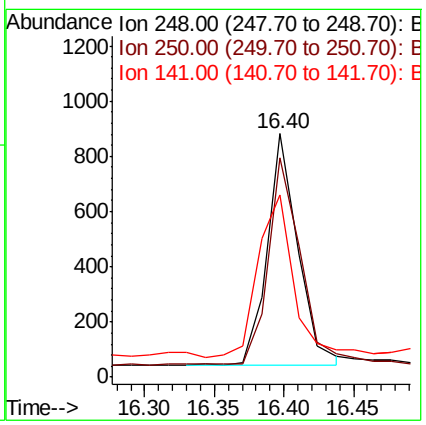


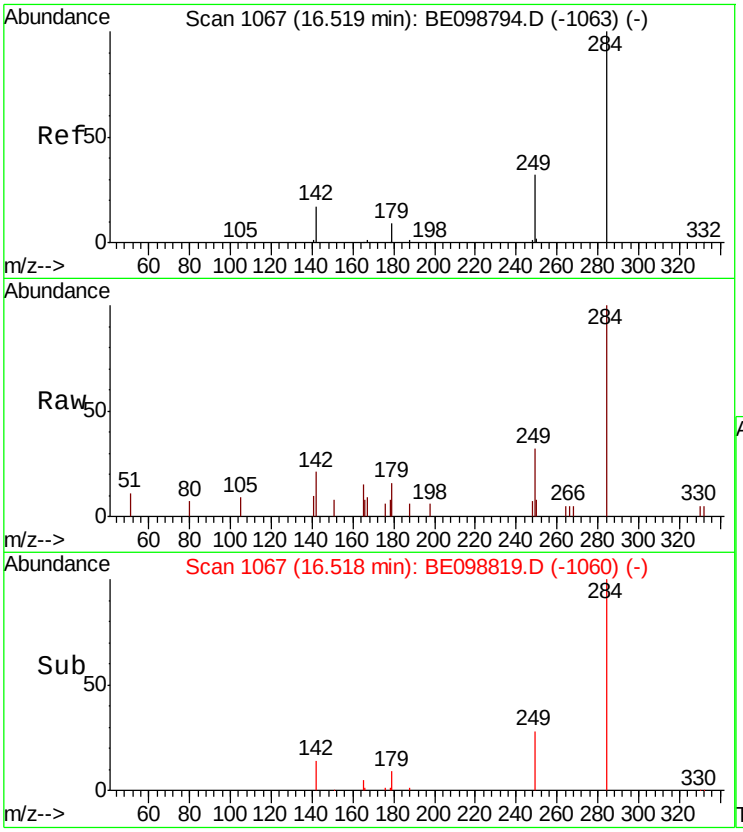


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:248 Resp: 1279

Ion	Ratio	Lower	Upper
248	100		
250	90.0	70.6	105.8
141	74.6	68.6	102.8



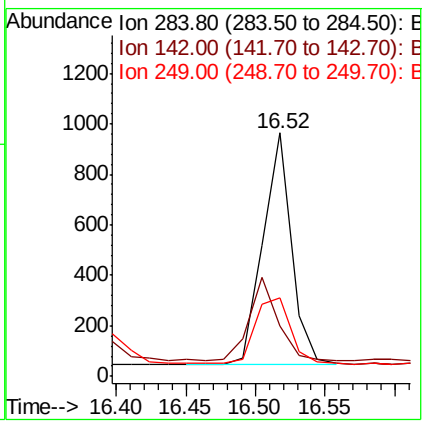


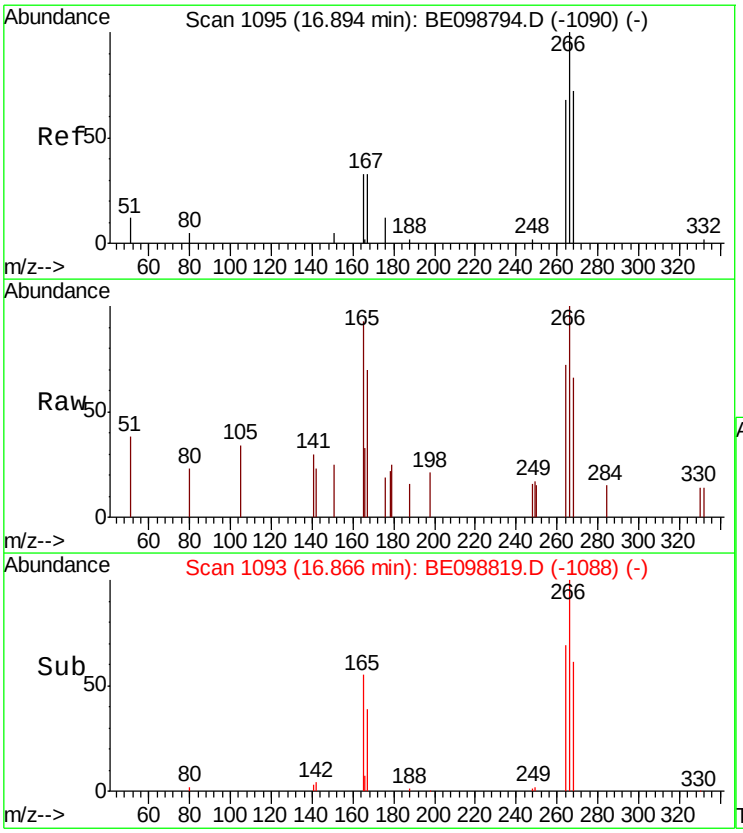
#21
Hexachlorobenzene
Concen: 0.338 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:284 Resp: 1321

Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.7	43.1
249	34.3	29.6	44.4

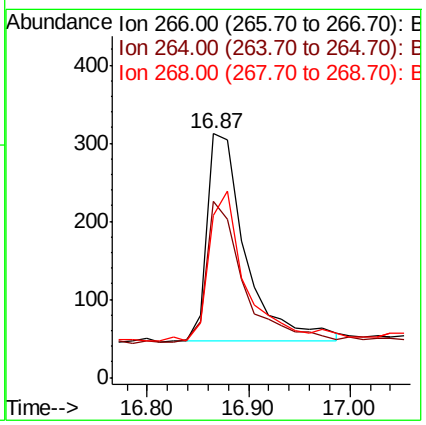


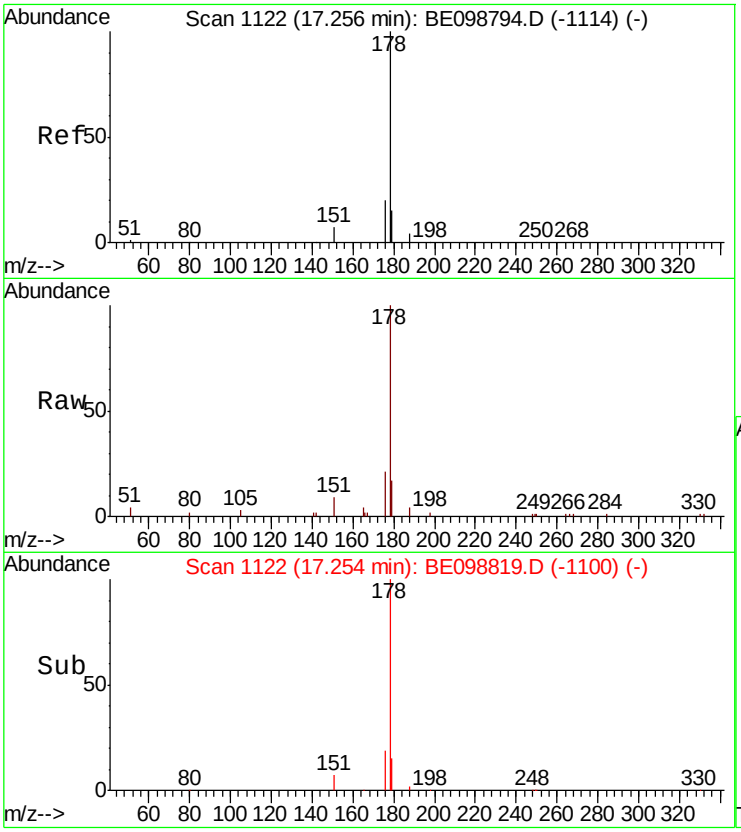


#22
Pentachlorophenol
Concen: 0.788 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:266 Resp: 696

Ion	Ratio	Lower	Upper
266	100		
264	72.4	66.6	100.0
268	66.3	69.8	104.8#



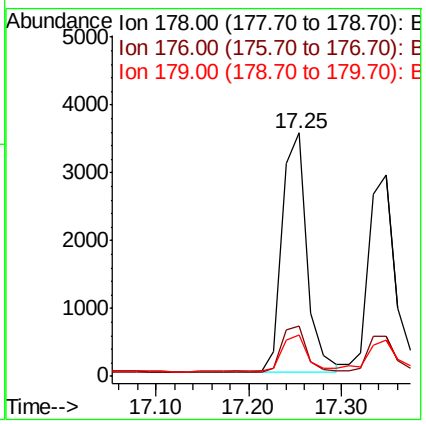


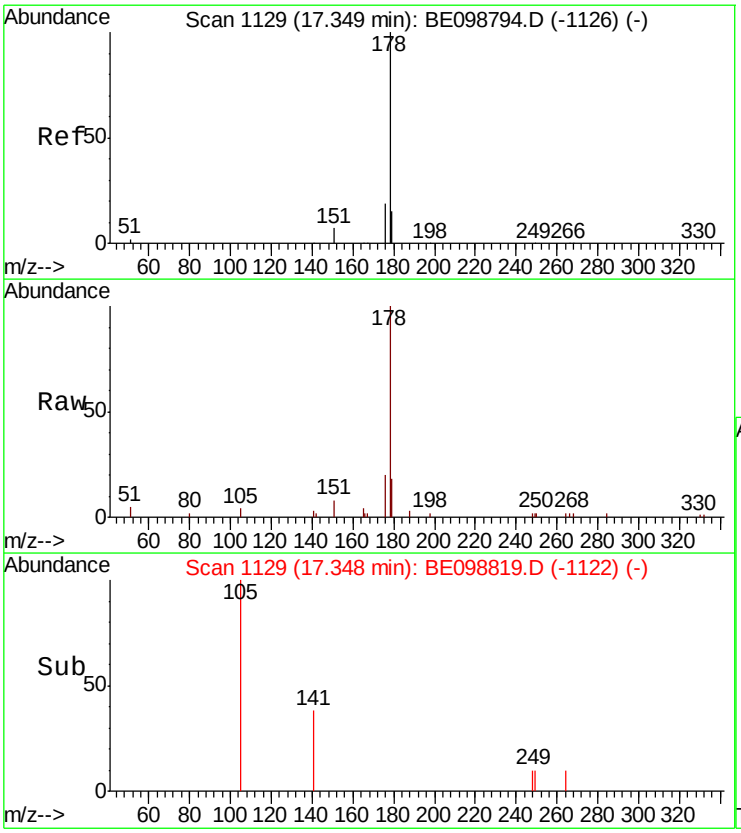
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:178 Resp: 6577

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.2	12.1	18.1

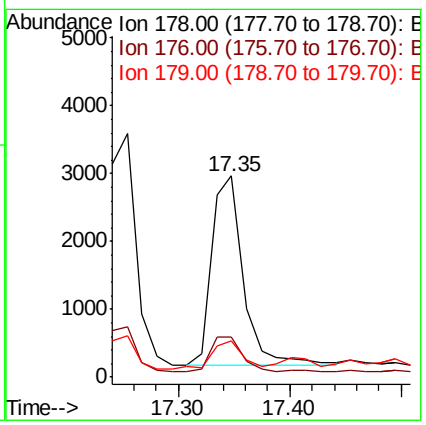


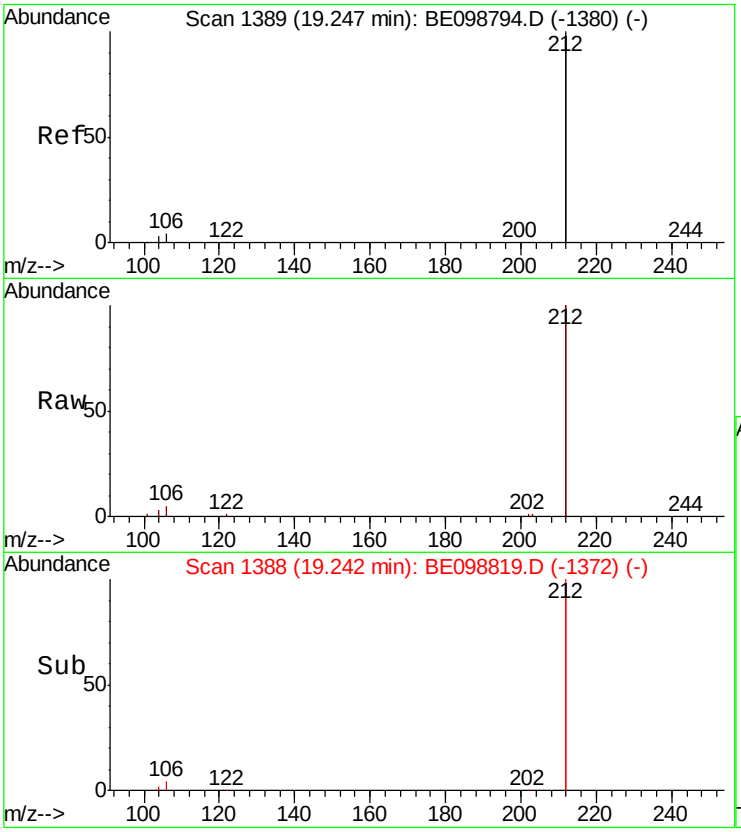


#24
Anthracene
Concen: 0.374 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:178 Resp: 5506

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	14.6	12.2	18.4



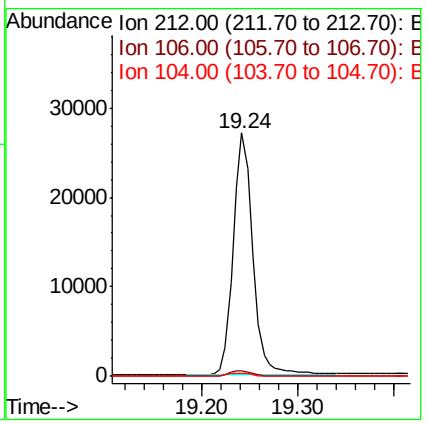


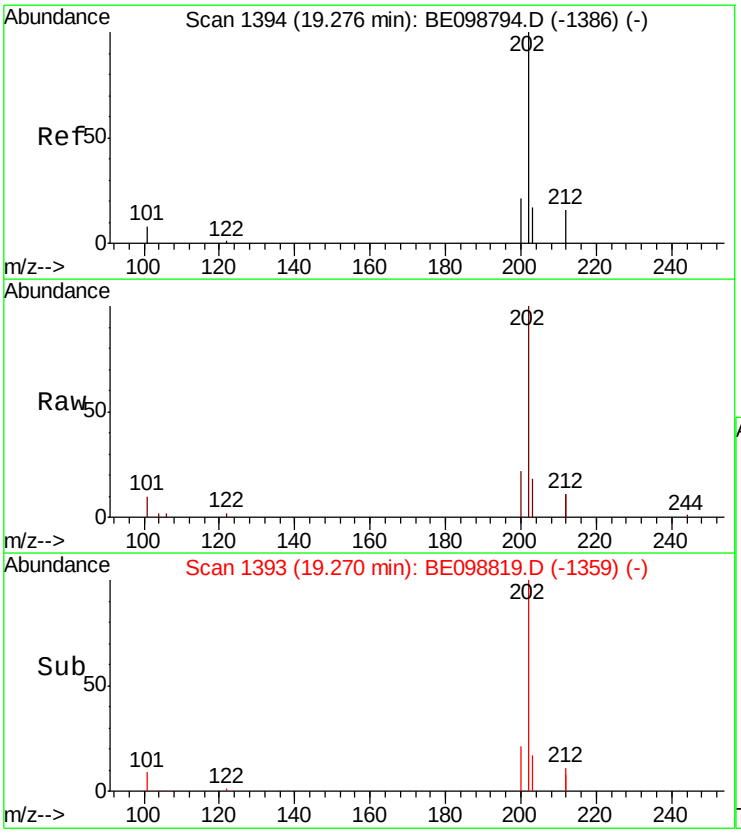
#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:212 Resp: 38022

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

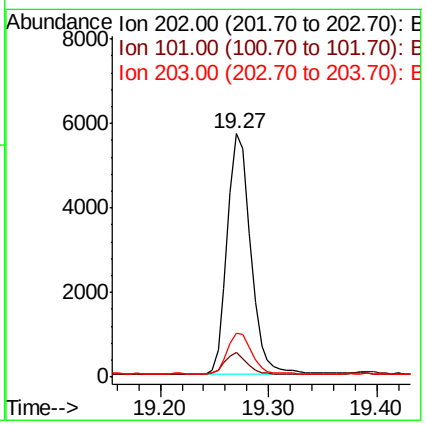


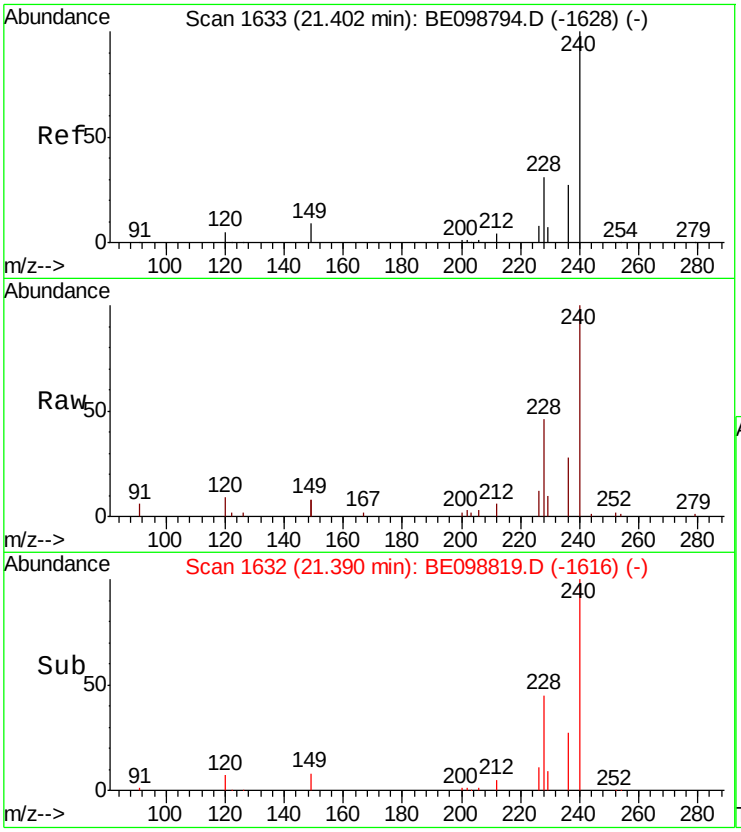


#26
Fluoranthene
Concen: 0.353 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:202 Resp: 8576

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.3	10.9
203	17.4	13.4	20.2



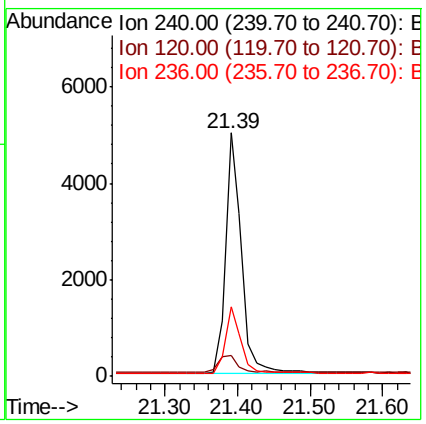


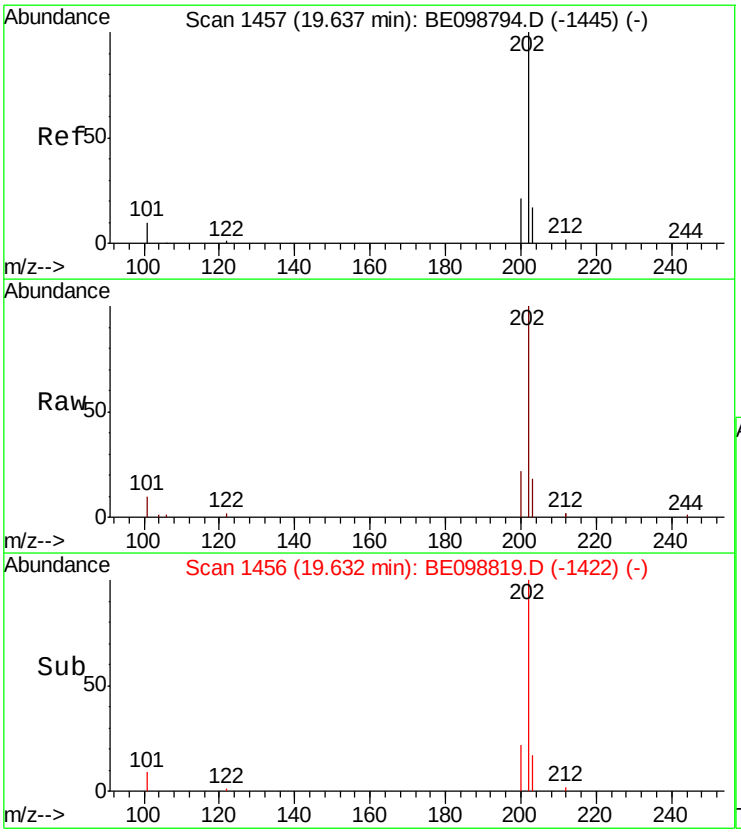
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:240 Resp: 7766

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.0	7.4#
236	28.4	22.7	34.1

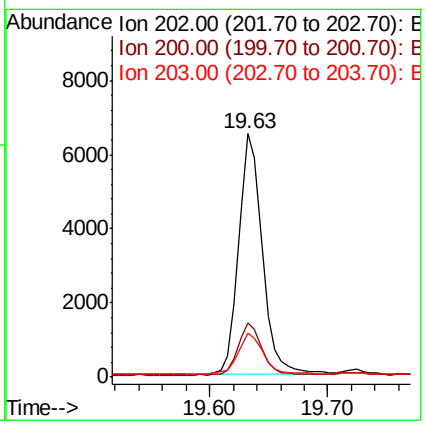


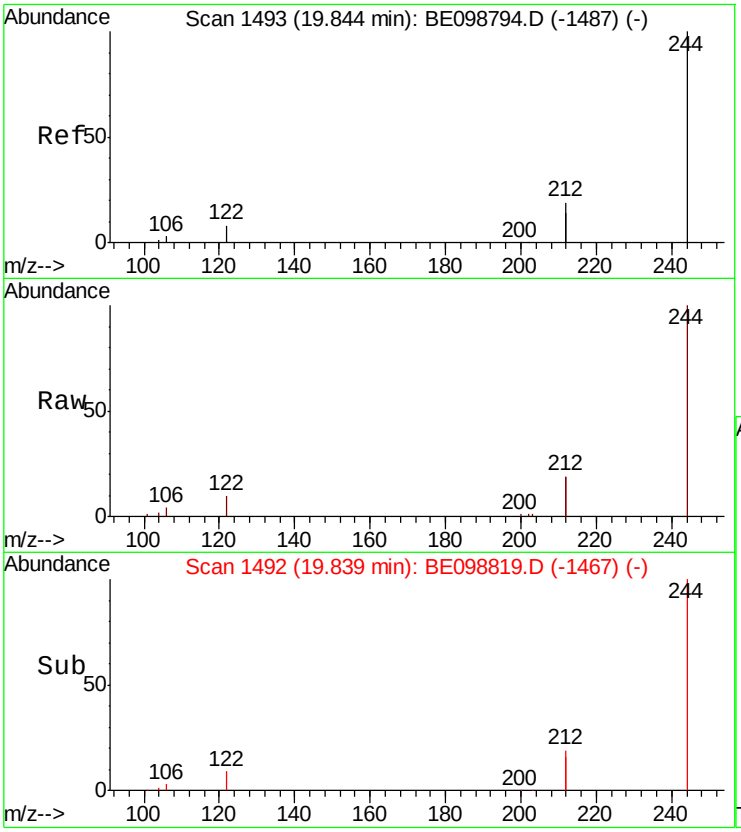


#28
Pyrene
Concen: 0.383 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:202 Resp: 9095

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	18.4	14.2	21.2



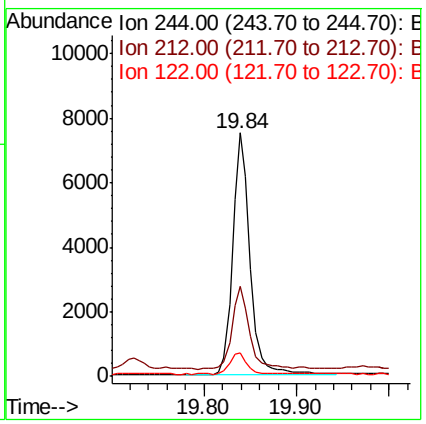


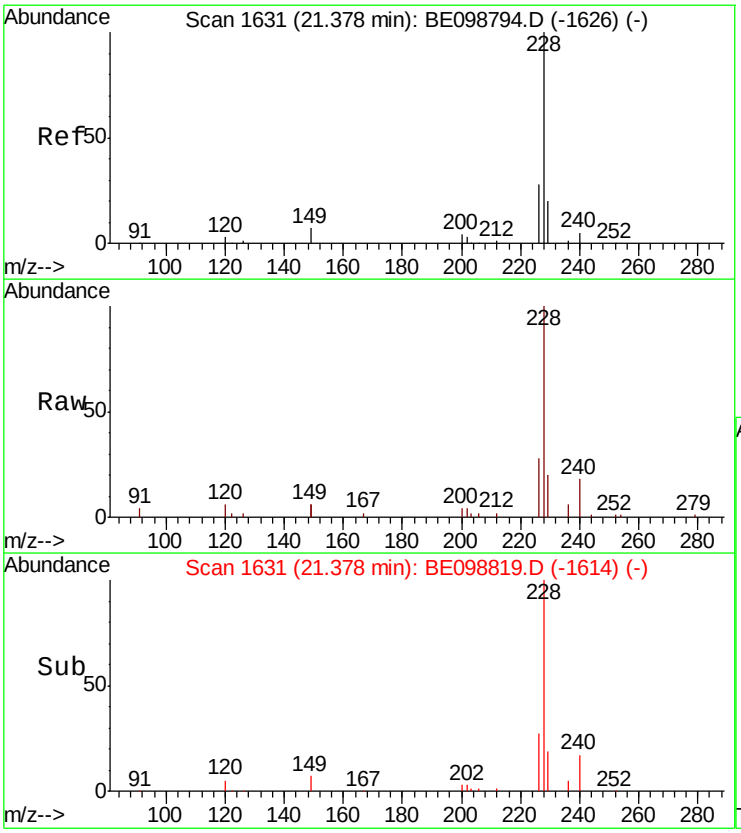
#29
Terphenyl-d14
Concen: 0.518 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:244 Resp: 9769

Ion	Ratio	Lower	Upper
244	100		
212	37.1	29.4	44.2
122	9.6	7.1	10.7

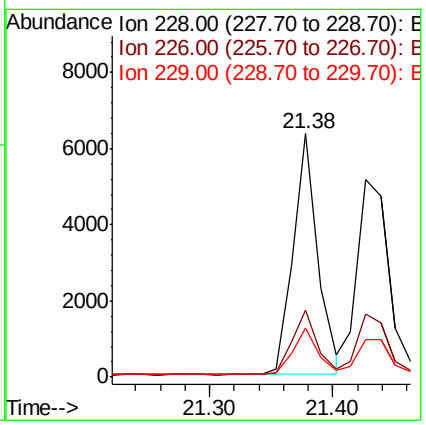


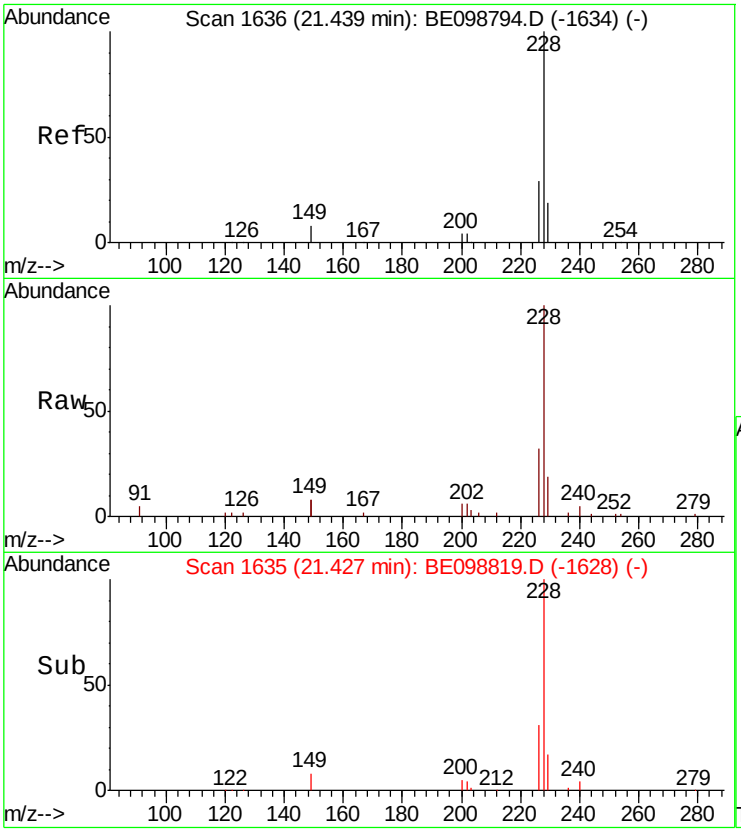


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:228 Resp: 8791

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	20.2	16.5	24.7



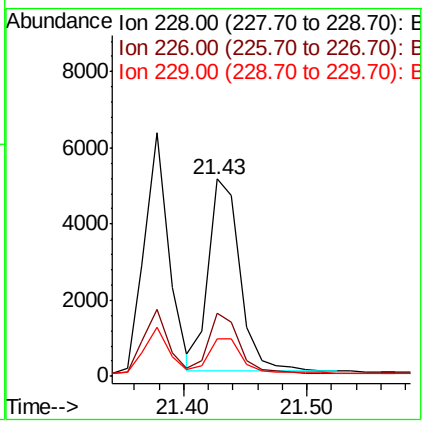


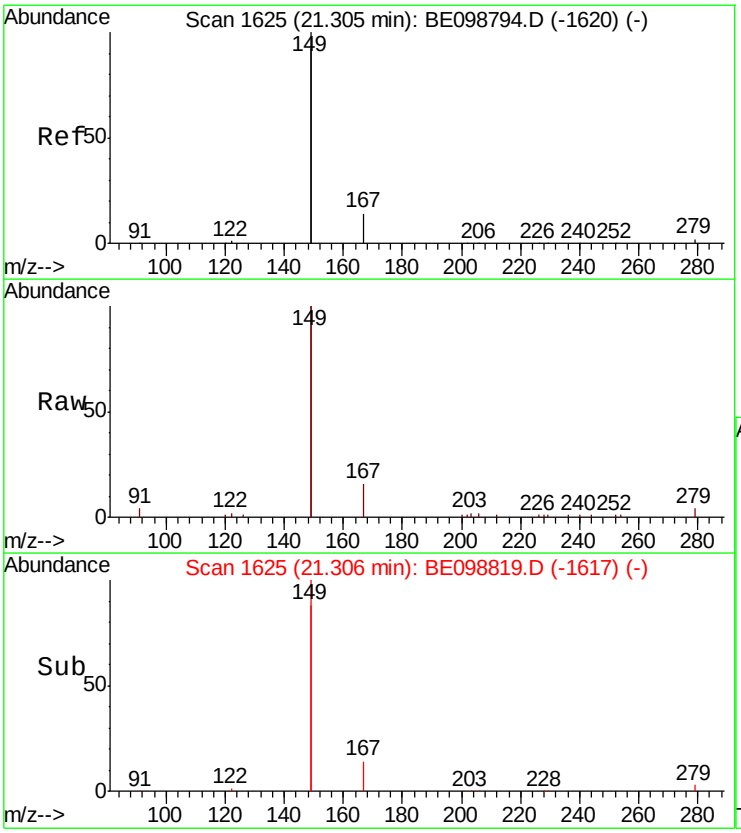
#31
Chrysene
Concen: 0.347 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:228 Resp: 8990

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.7	35.5
229	18.9	16.1	24.1

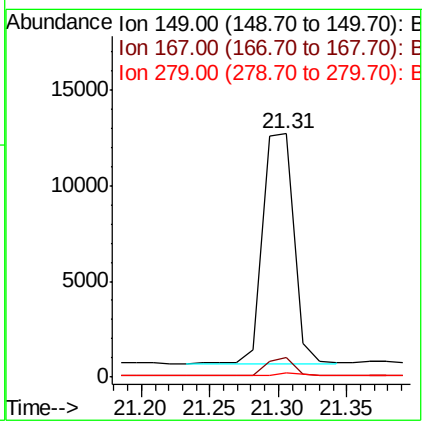


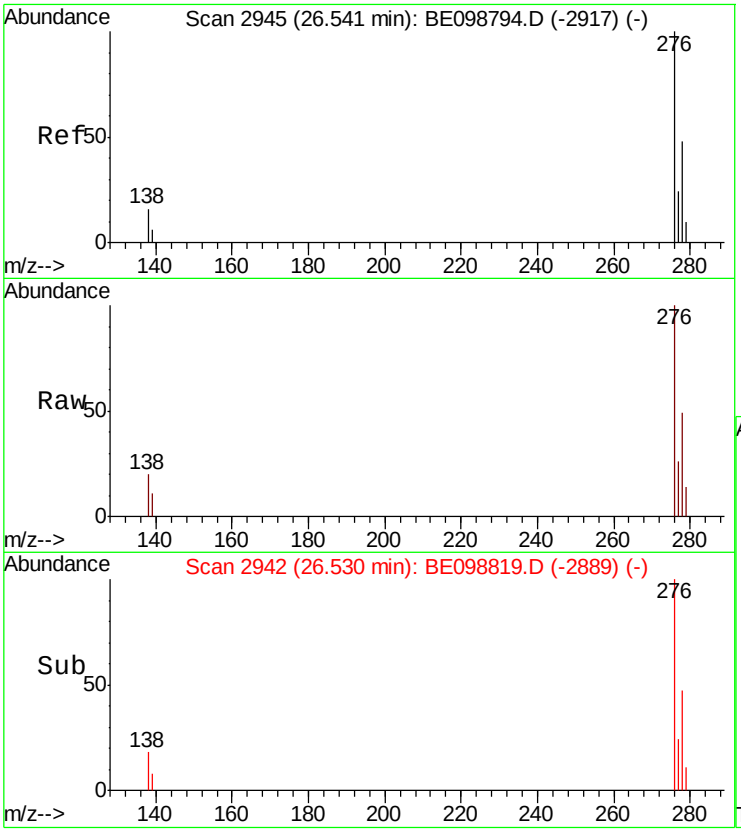


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:149 Resp: 18928

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



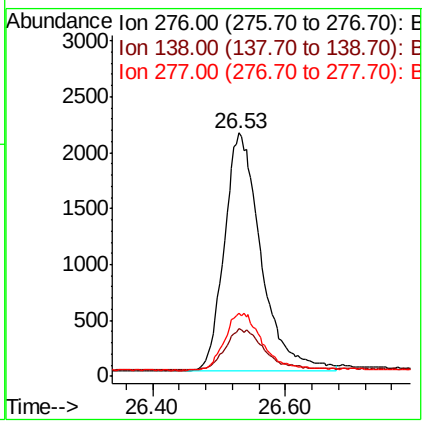


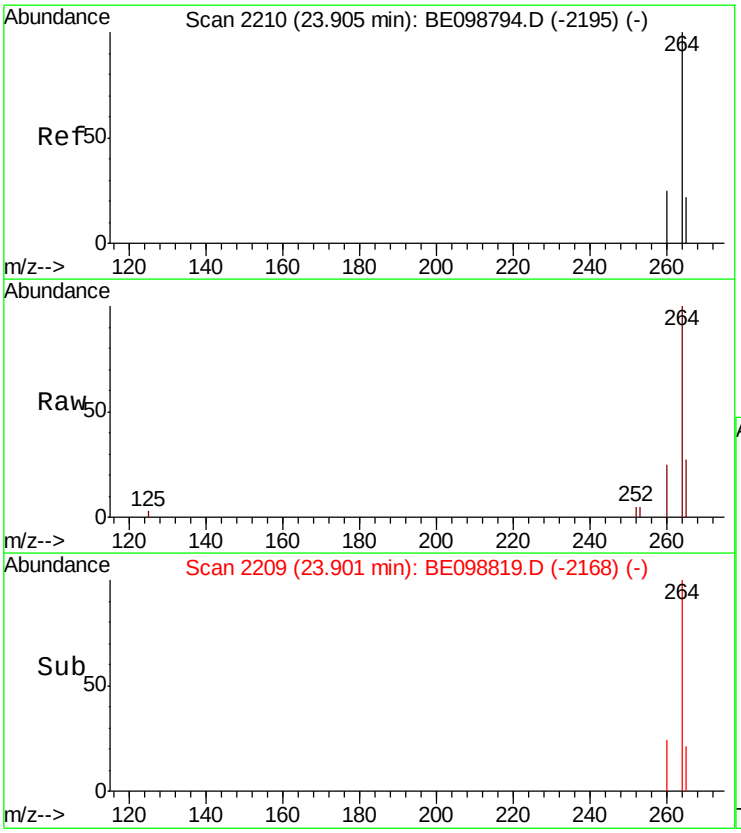
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:276 Resp: 8159

Ion	Ratio	Lower	Upper
276	100		
138	8.7	13.8	20.8#
277	24.3	19.5	29.3

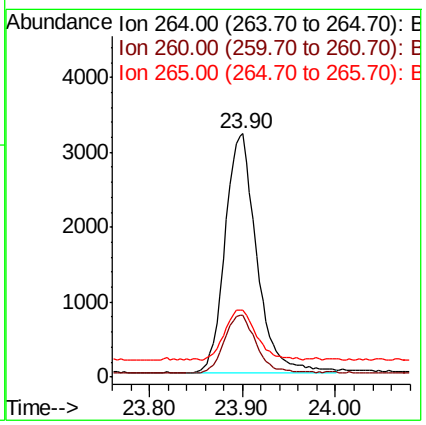


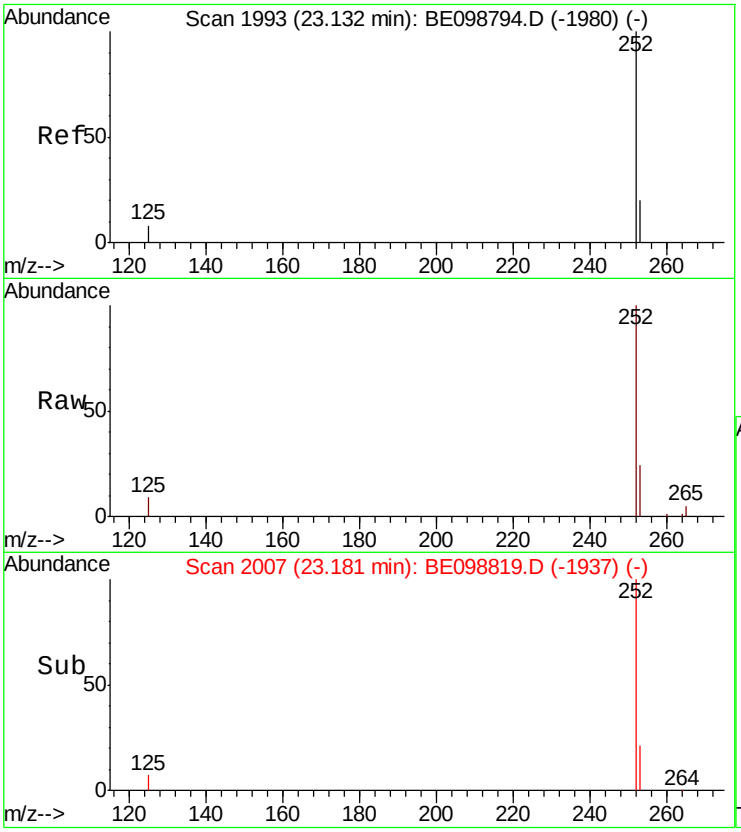


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:264 Resp: 7575

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.2	31.8
265	27.4	24.6	36.8



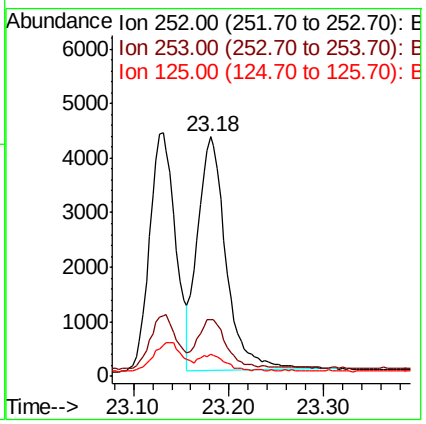


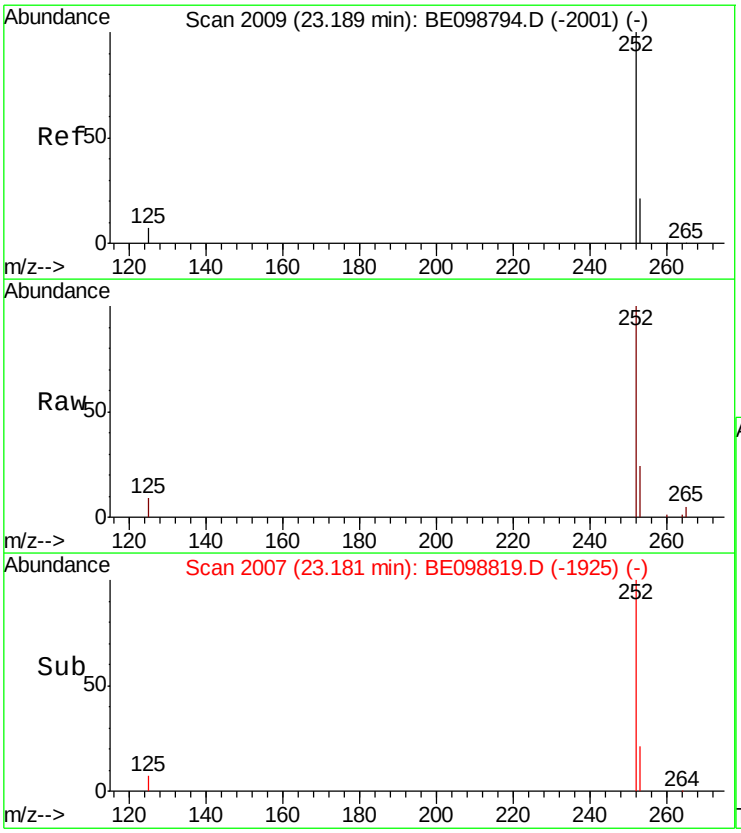
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:252 Resp: 8983

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.4	7.3	10.9

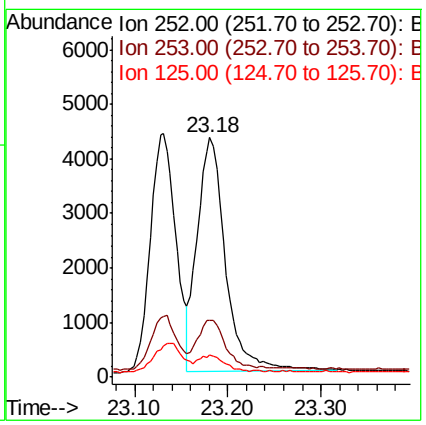


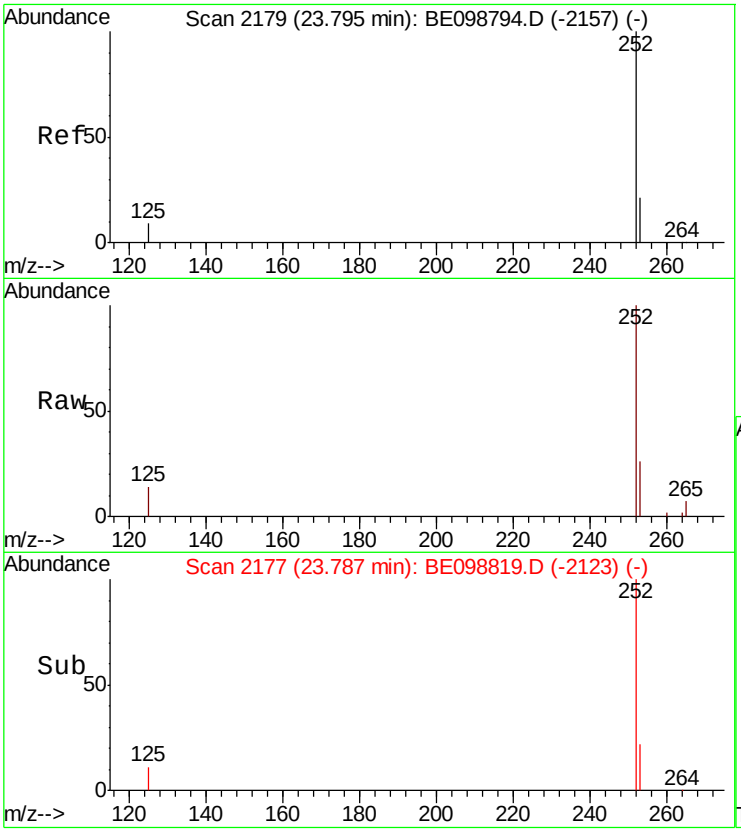


#36
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:252 Resp: 9023

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.3	28.9
125	9.4	7.5	11.3



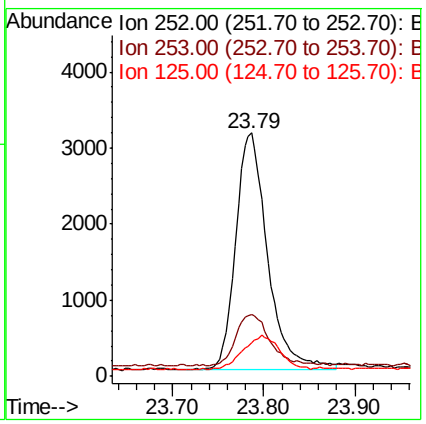


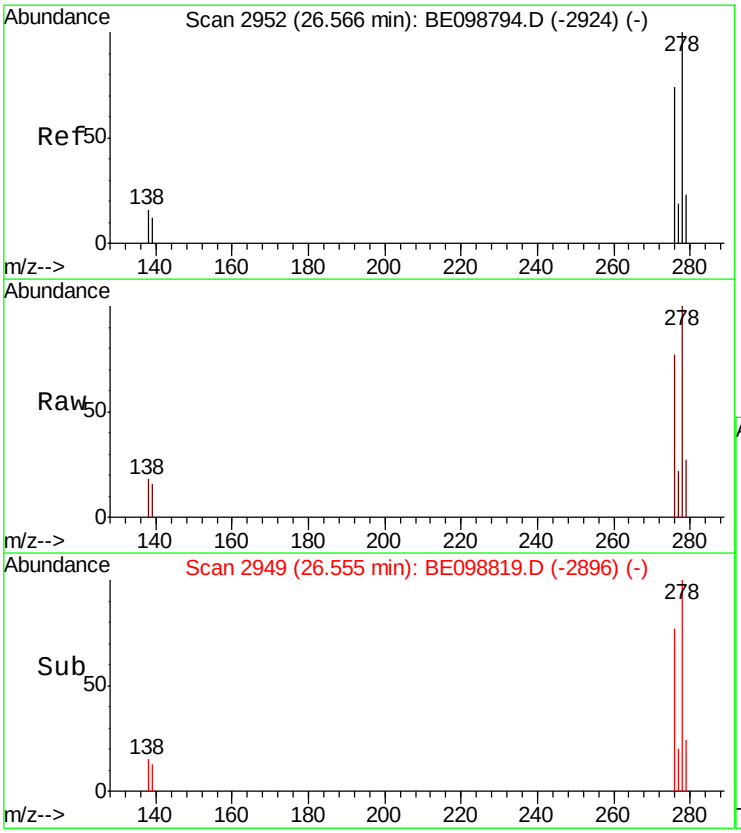
#37
Benzo(a)pyrene
Concen: 0.317 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:252 Resp: 7573

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	13.6	9.0	13.4#

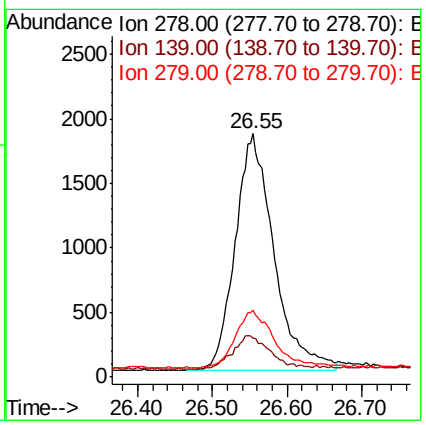


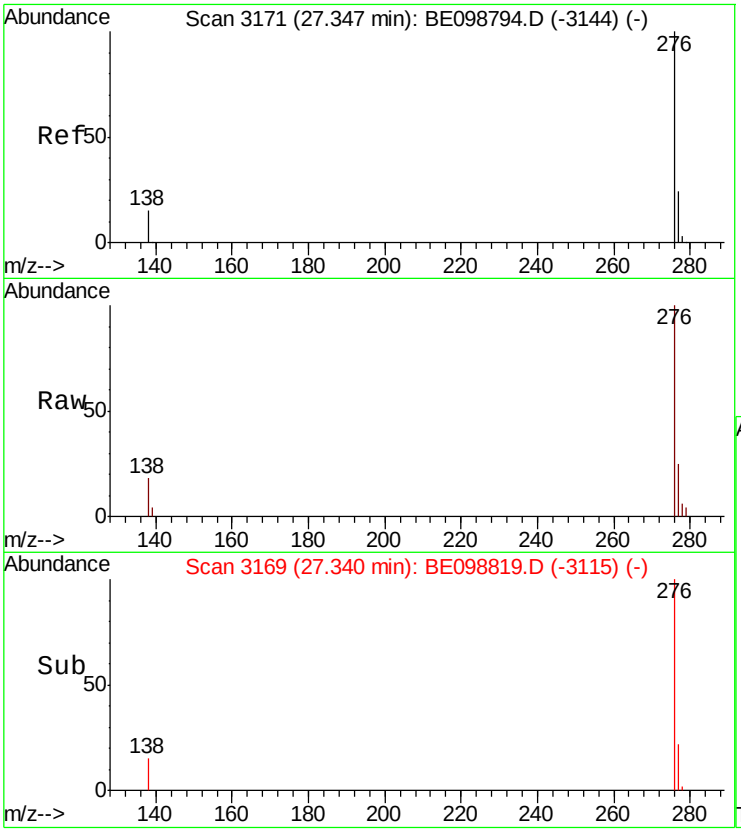


#38
Dibenzo(a,h)anthracene
Concen: 0.293 ng
RT: 26.55 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Tgt Ion:278 Resp: 6622

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.8	17.6
279	27.3	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.282 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098819.D
Acq: 7 Mar 2019 14:23

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:276 Resp: 6662

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.4	30.6
138	17.9	13.6	20.4