Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098891.D
Acq On : 12 Mar 2019 10:51
Operator : JU/SJ
Sample : PB117818BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117818BS

Quant Time: Mar 12 12:22:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	929	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	4076	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2716	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6948	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7914	0.40	ng		-0.01
34) Perylene-d12	23.90	264	7901	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	941	0.34	ng		0.01
5) Phenol-d6	7.00	99	1461	0.37	ng		0.01
8) Nitrobenzene-d5	8.97	82	1400	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2989	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	463	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4487	0.40	ng		0.00
25) Fluoranthene-d10	19.24	212	38771	0.35	ng		0.00
29) Terphenyl-d14	19.84	244	7588	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	694	0.381	ng		99
3) n-Nitrosodimethylamine	3.65	42	475	0.203	ng	#	77
6) bis(2-Chloroethyl)ether	7.23	93	940	0.310	ng	#	86
9) Naphthalene	10.64	128	18916	0.405	ng		100
10) Hexachlorobutadiene	10.91	225	1268	0.411	ng		96
12) 2-Methylnaphthalene	12.27	142	2872	0.379	ng		97
16) Acenaphthylene	14.18	152	5257	0.376	ng		98
17) Acenaphthene	14.51	154	3287	0.397	ng		97
18) Fluorene	15.50	166	4627	0.387	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1387	0.368	ng		97
21) Hexachlorobenzene	16.52	284	1697	0.379	ng		97
22) Pentachlorophenol	16.89	266	176	0.380	ng		94
23) Phenanthrene	17.25	178	7573	0.383	ng		99
24) Anthracene	17.35	178	6167	0.365	ng		99
26) Fluoranthene	19.28	202	9690	0.348	ng		100
28) Pyrene	19.64	202	9948	0.411	ng		100
30) Benzo(a)anthracene	21.38	228	8750	0.354	ng		96
31) Chrysene	21.44	228	10798	0.409	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	17612	0.335	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	11385	0.408	ng		98
35) Benzo(b)fluoranthene	23.18	252	10572	0.407	ng		98
36) Benzo(k)fluoranthene	23.18	252	10849	0.399	ng		99
37) Benzo(a)pyrene	23.79	252	9849	0.395	ng	#	82
38) Dibenzo(a,h)anthracene	26.55	278	8891	0.377	ng	#	93
39) Benzo(g,h,i)perylene	27.34	276	9346	0.379	ng		99

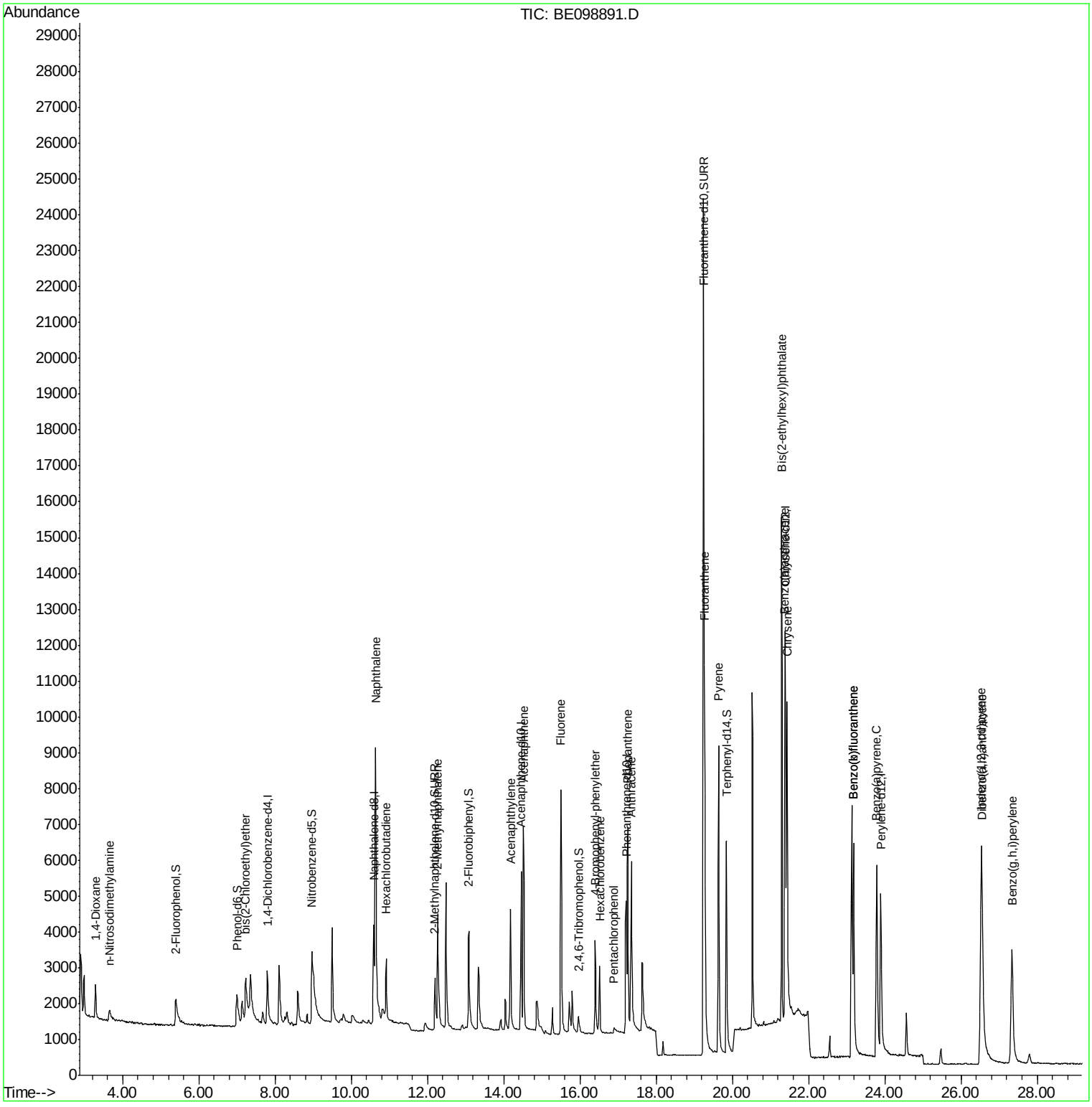
(#) = qualifier out of range (m) = manual integration (+) = signals summed

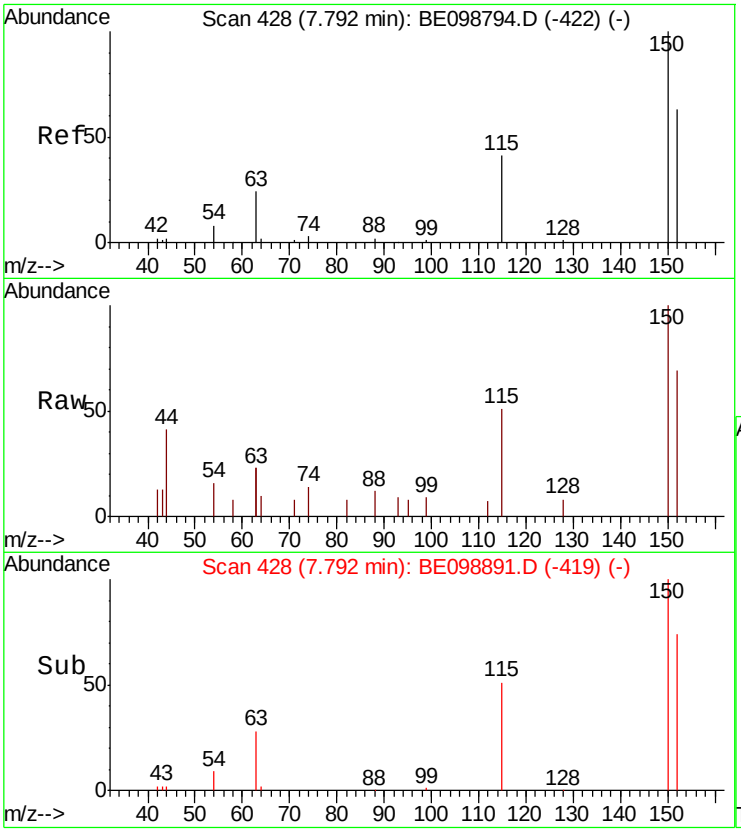
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098891.D
Acq On : 12 Mar 2019 10:51
Operator : JU/SJ
Sample : PB117818BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Quant Time: Mar 12 12:22:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



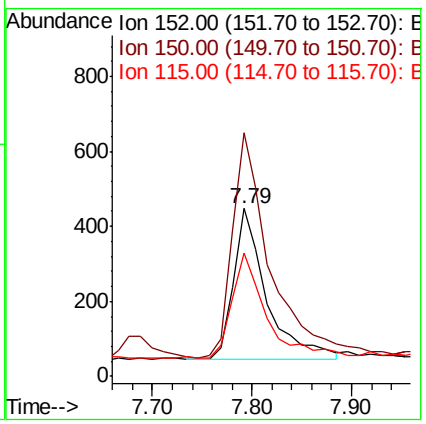


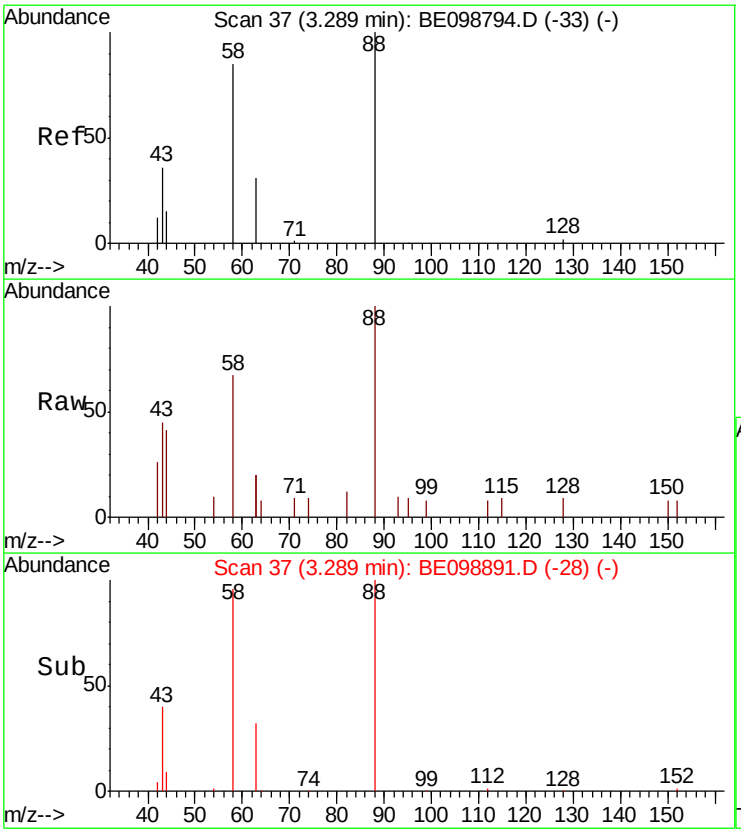
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:152 Resp: 929

Ion	Ratio	Lower	Upper
152	100		
150	144.9	122.5	183.7
115	73.2	57.4	86.2

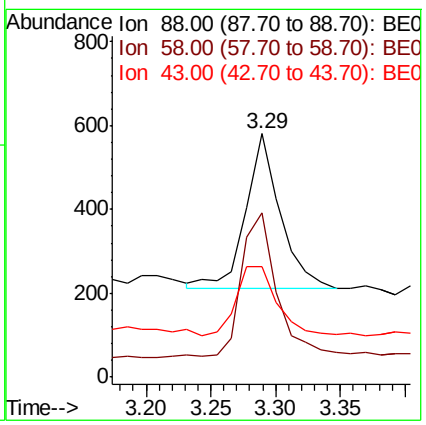


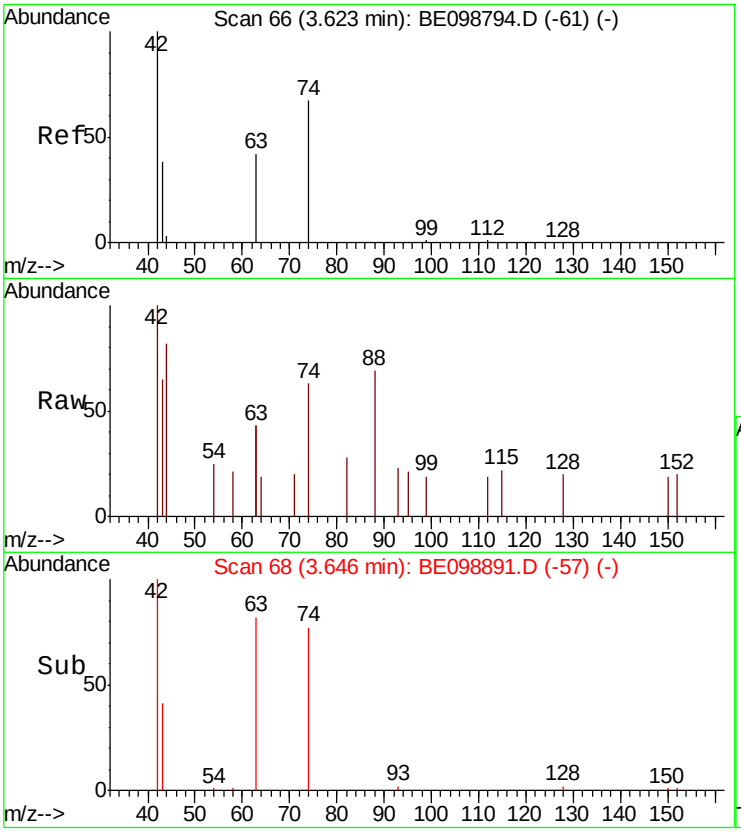


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion: 88 Resp: 694

Ion	Ratio	Lower	Upper
88	100		
58	95.5	75.8	113.6
43	51.2	41.8	62.8



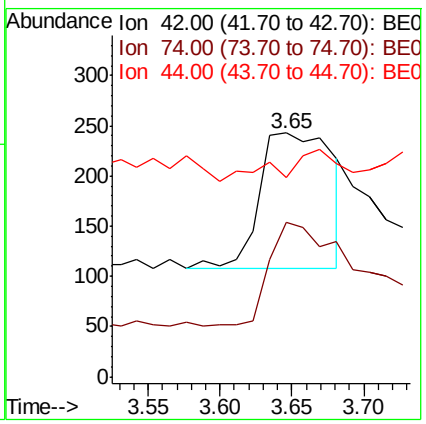


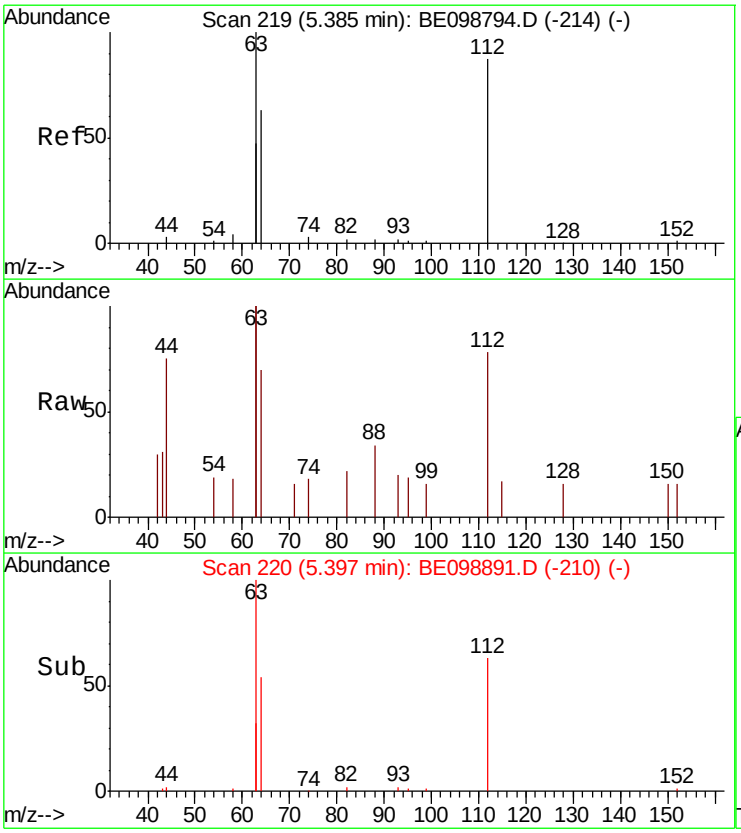
#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion: 42 Resp: 475

Ion	Ratio	Lower	Upper
42	100		
74	52.2	57.0	85.4#
44	0.0	0.0	0.0

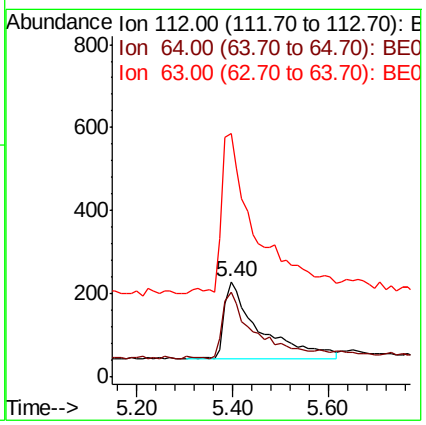


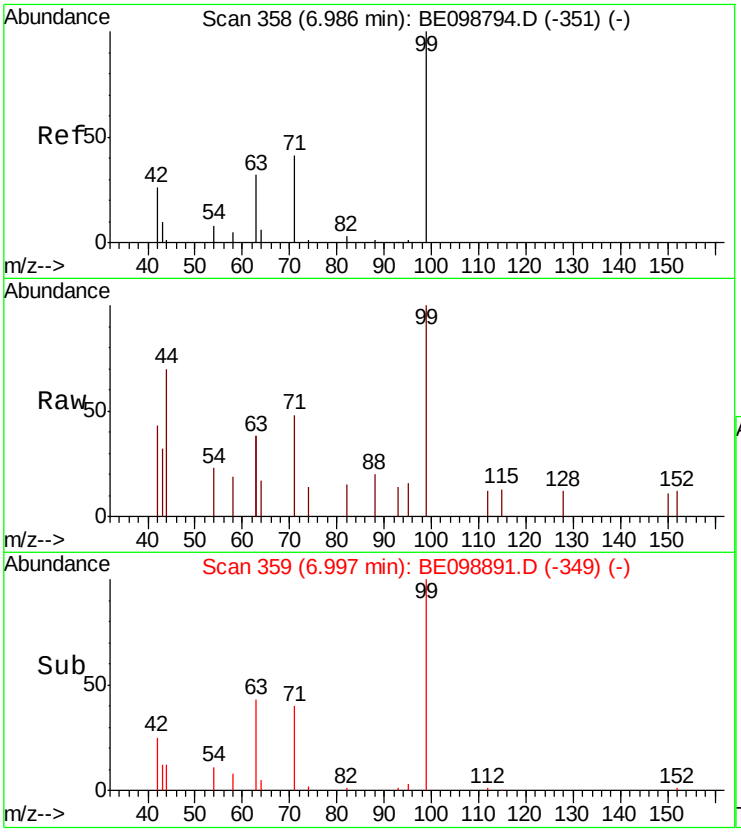


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:112 Resp: 941

Ion	Ratio	Lower	Upper
112	100		
64	79.3	57.9	86.9
63	200.7	158.3	237.5



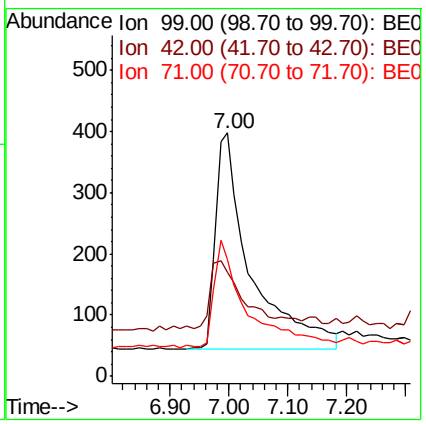


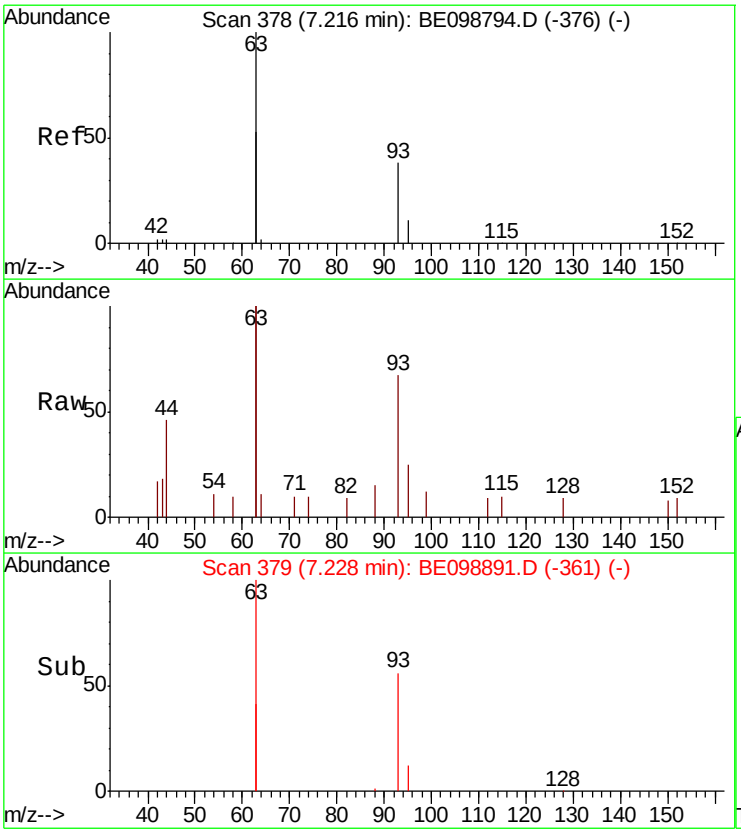
#5
Phenol-d6
Concen: 0.372 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion: 99 Resp: 1461

Ion	Ratio	Lower	Upper
99	100		
42	31.5	24.2	36.2
71	45.2	35.7	53.5

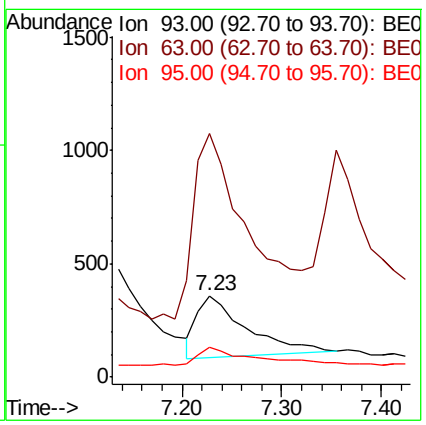


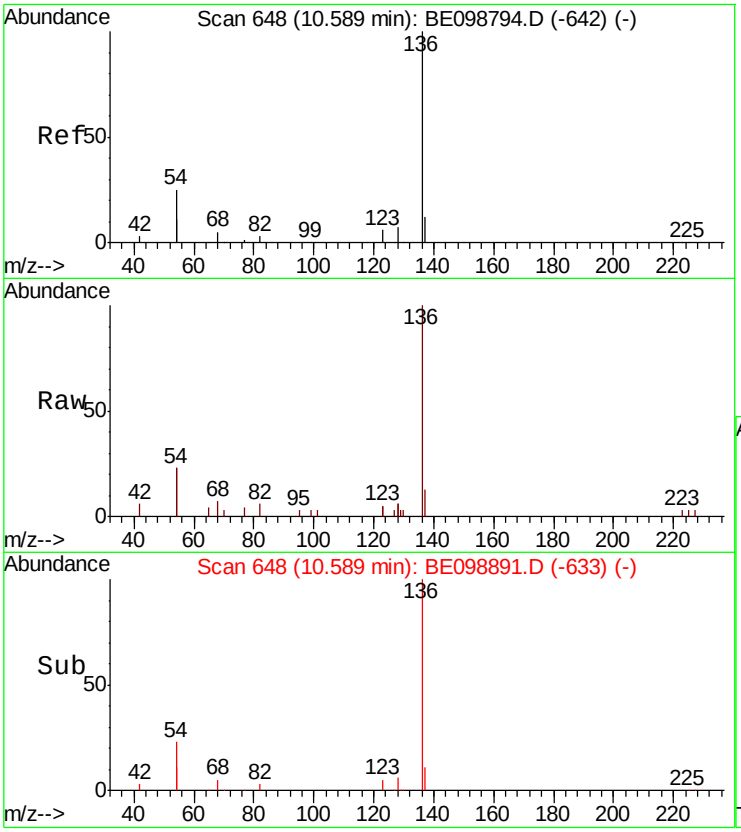


#6
bis(2-Chloroethyl)ether
Concen: 0.310 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion: 93 Resp: 940

Ion	Ratio	Lower	Upper
93	100		
63	337.4	247.5	371.3
95	35.4	21.8	32.8#



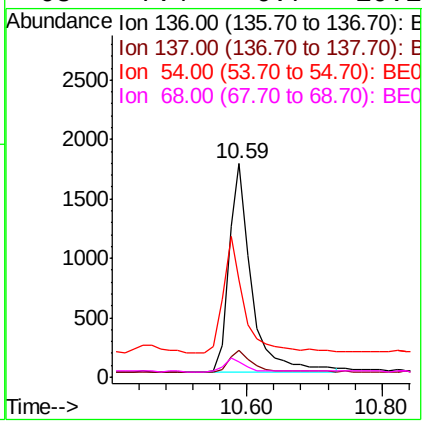


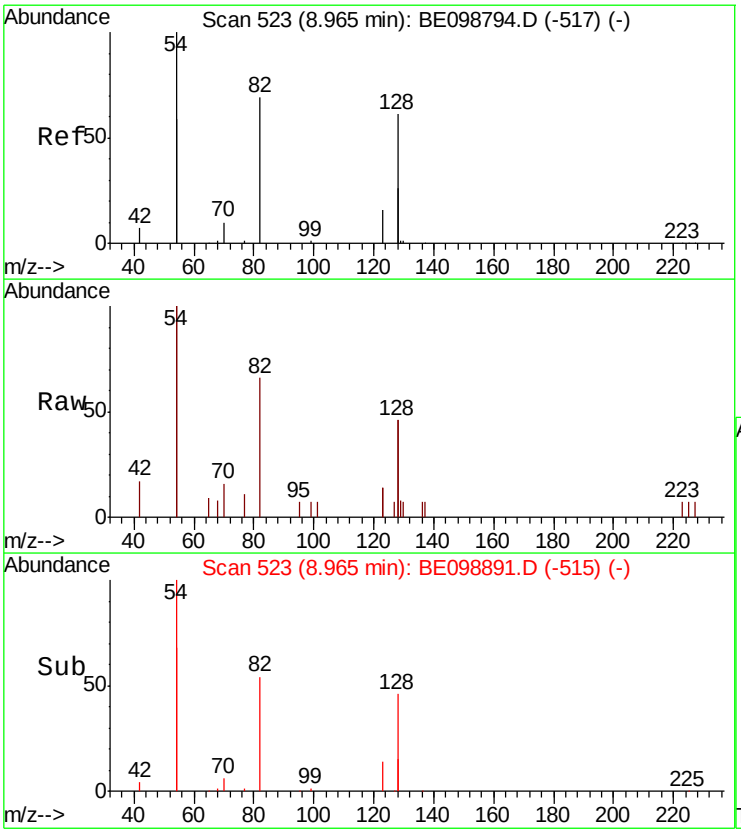
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:136 Resp: 4076

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.4	17.0
54	45.7	39.3	58.9
68	7.4	6.7	10.1

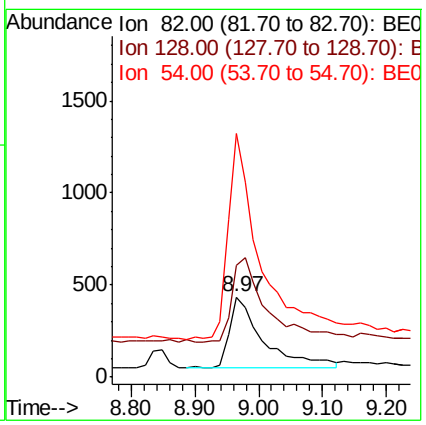


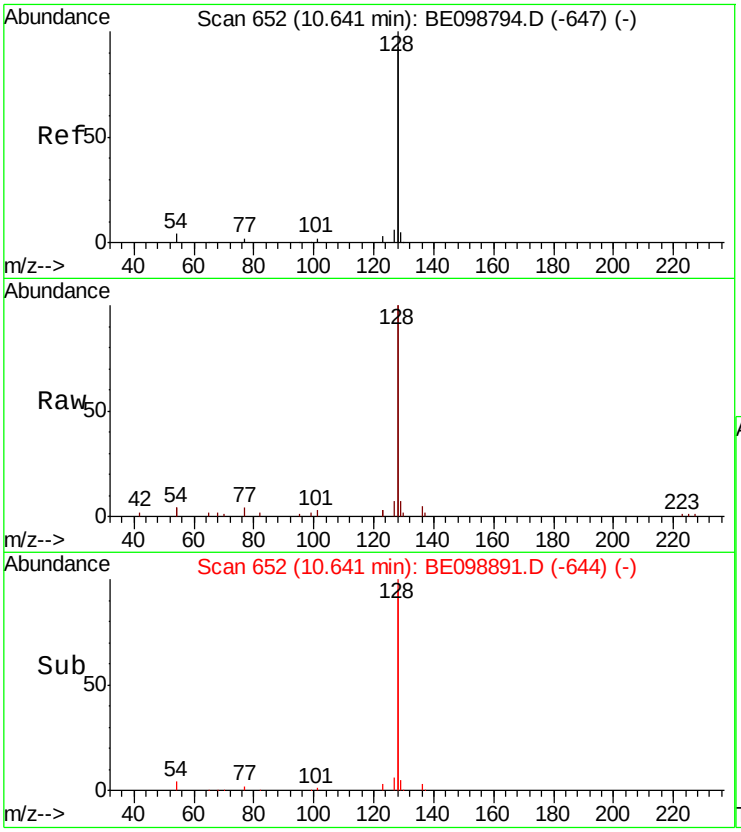


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion: 82 Resp: 1400

Ion	Ratio	Lower	Upper
82	100		
128	140.0	123.8	185.8
54	305.3	203.4	305.2#



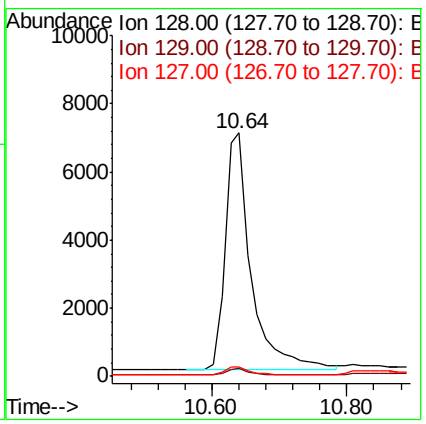


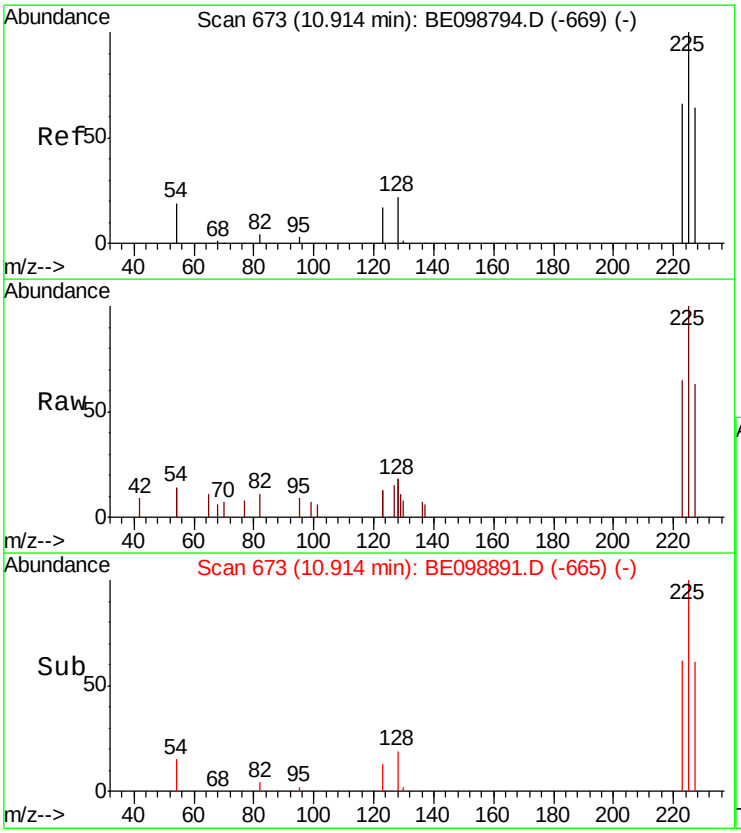
#9
Naphthalene
Concen: 0.405 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:128 Resp: 18916

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	3.7	3.1	4.7

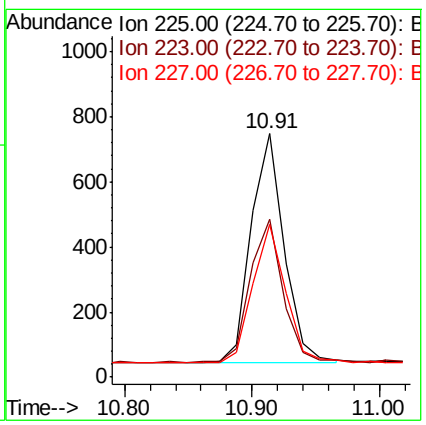


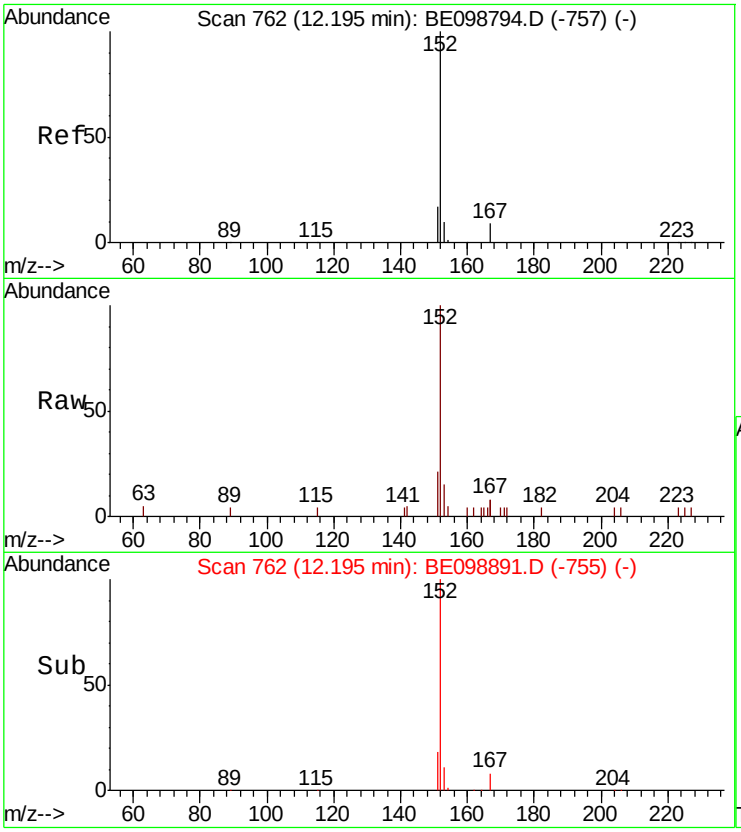


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 10.91 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:225 Resp: 1268

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.1	76.7
227	60.6	51.6	77.4



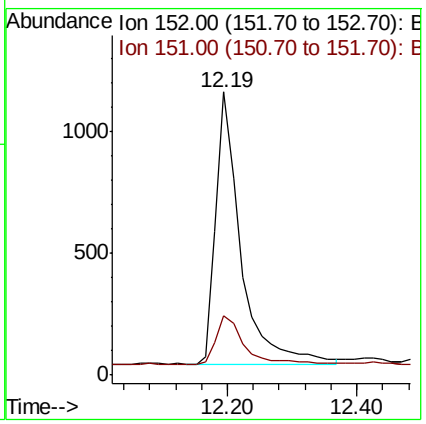


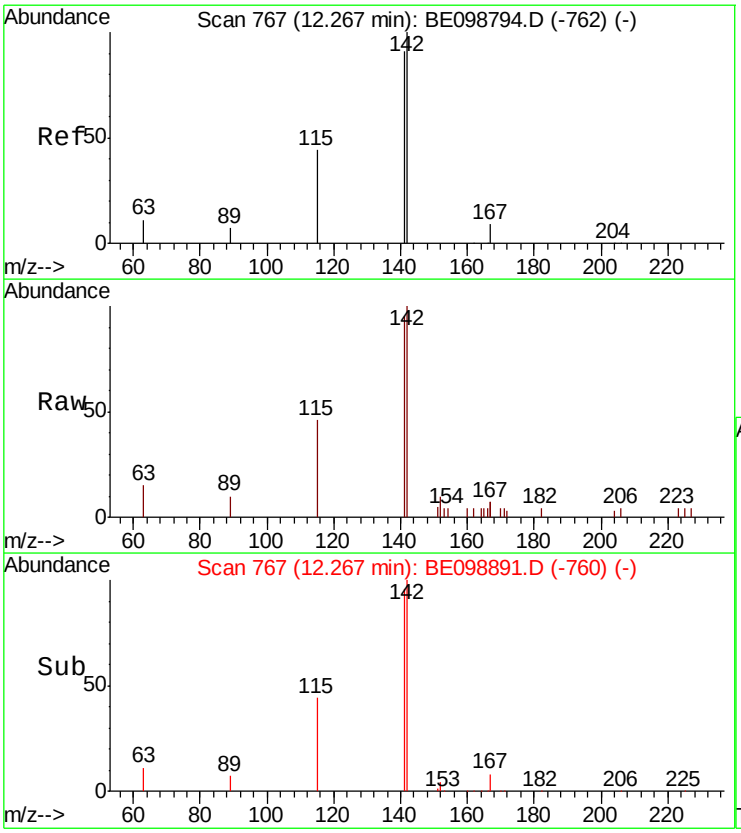
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:152 Resp: 2989

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

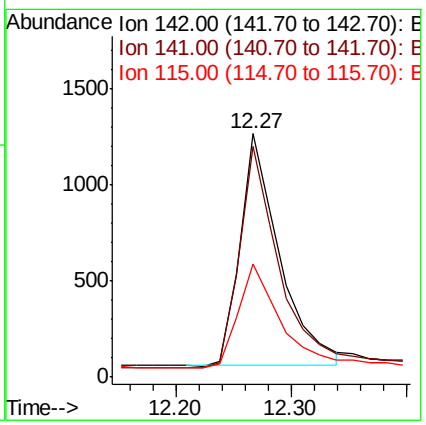


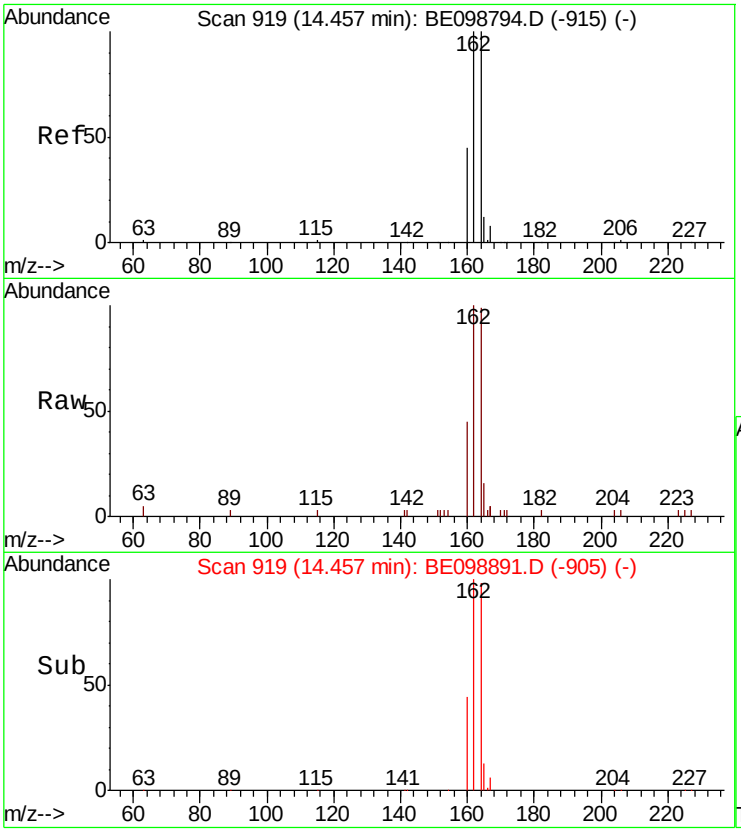


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:142 Resp: 2872

Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.6	108.8
115	46.3	37.4	56.2



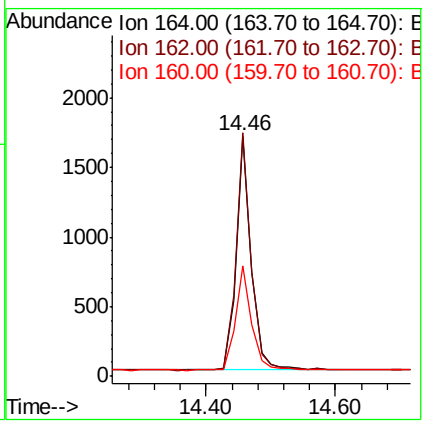


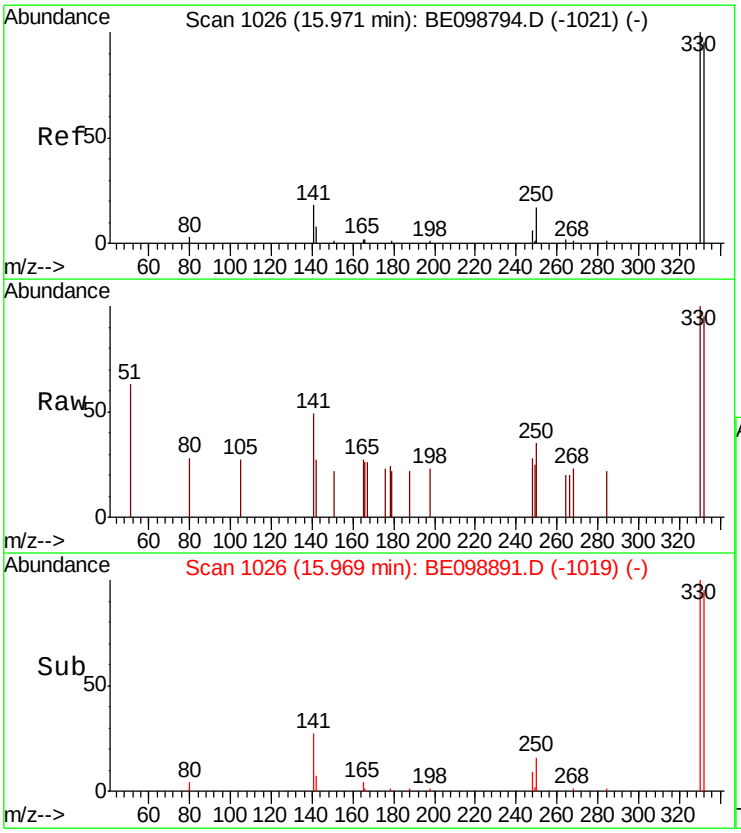
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:164 Resp: 2716

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	46.1	37.8	56.8

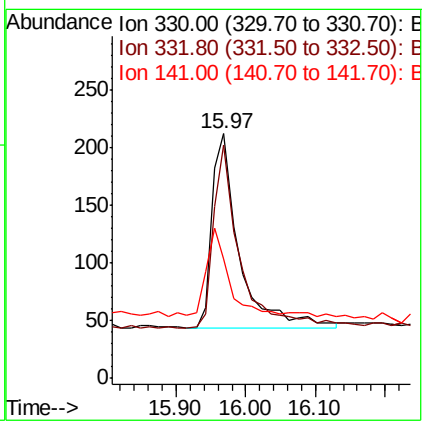


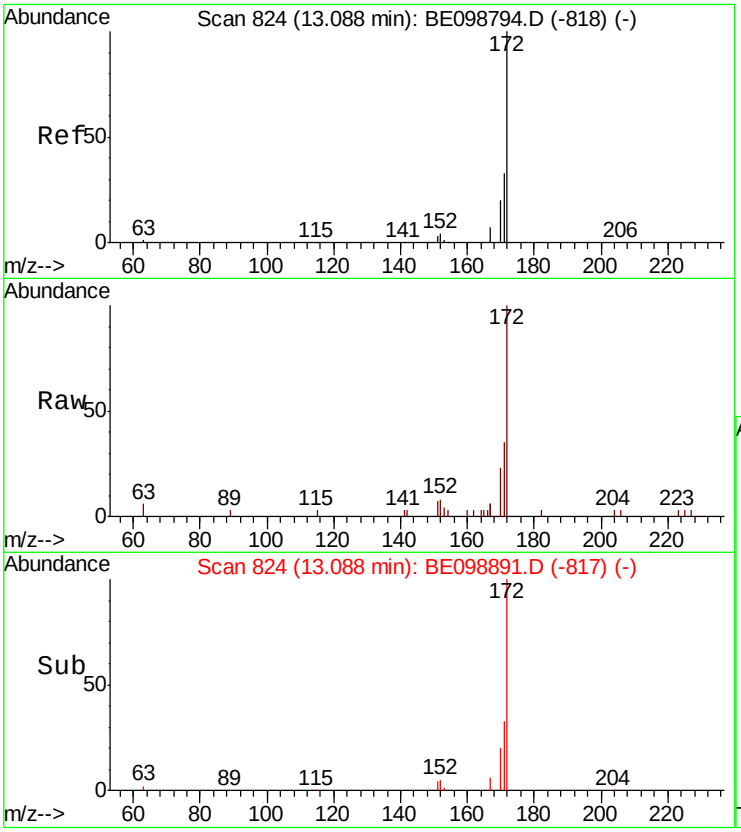


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:330 Resp: 463

Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.6	116.4
141	47.1	31.0	46.4#



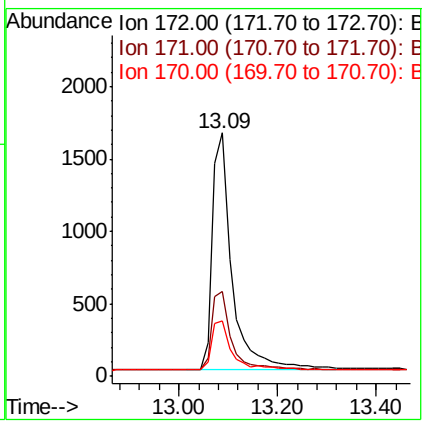


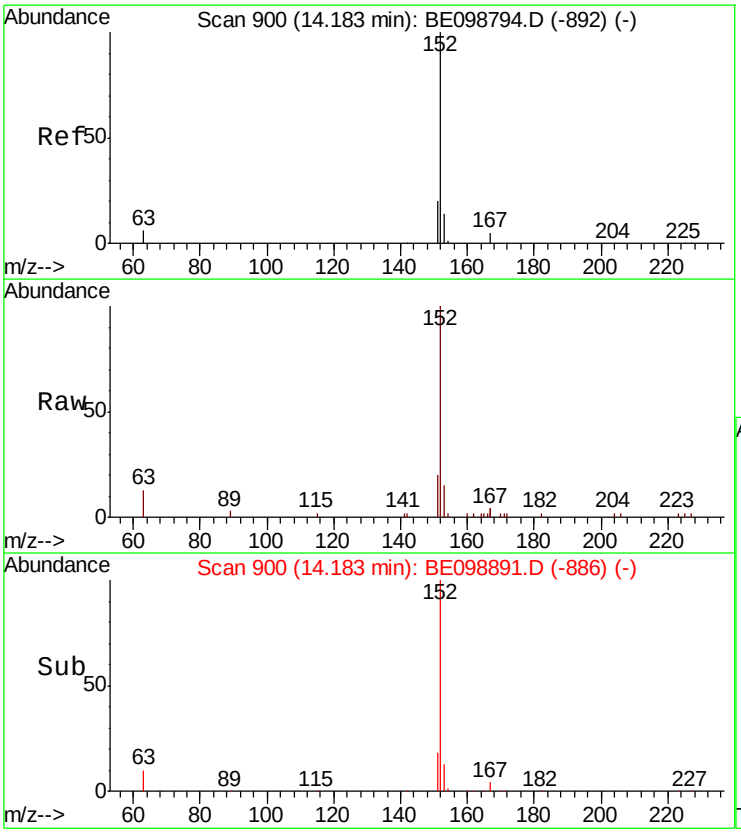
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:172 Resp: 4487

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	22.6	17.7	26.5

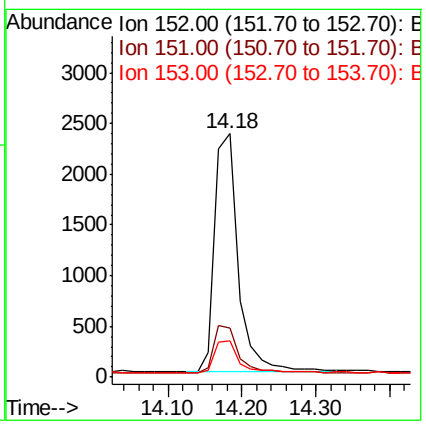


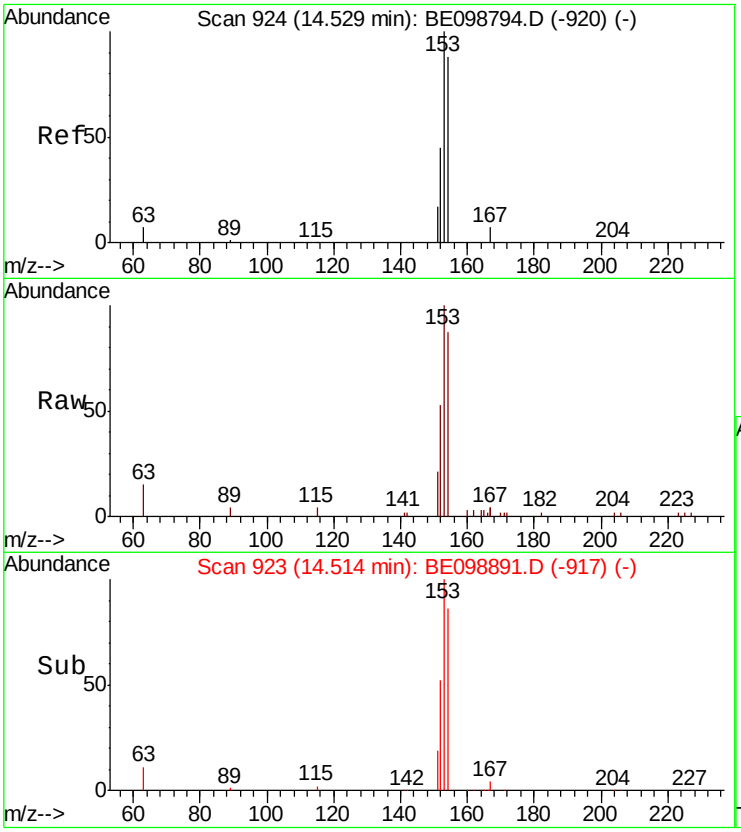


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:152 Resp: 5257

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	13.3	11.2	16.8



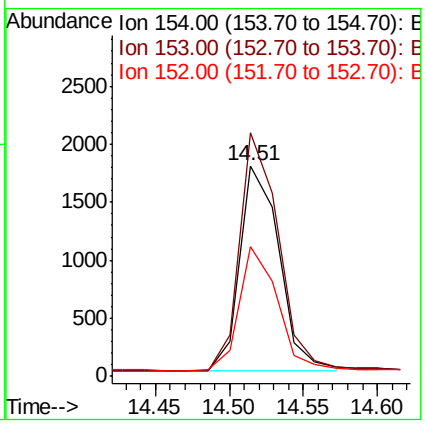


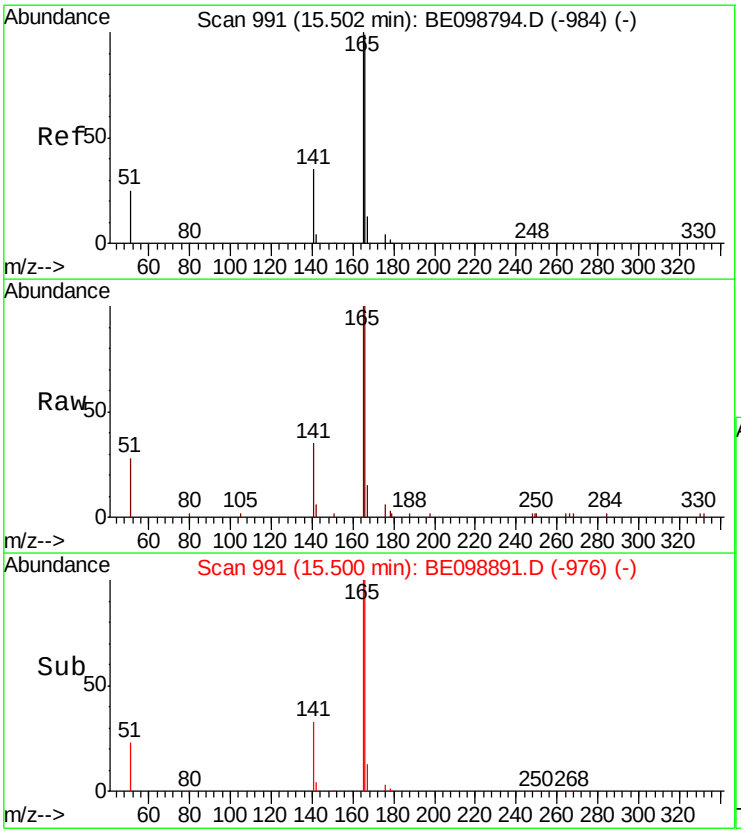
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:154 Resp: 3287

Ion	Ratio	Lower	Upper
154	100		
153	114.1	94.2	141.4
152	58.4	45.0	67.4

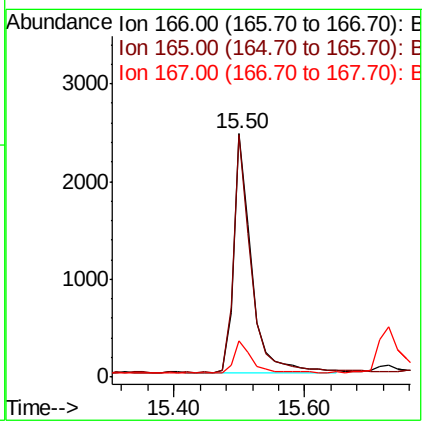


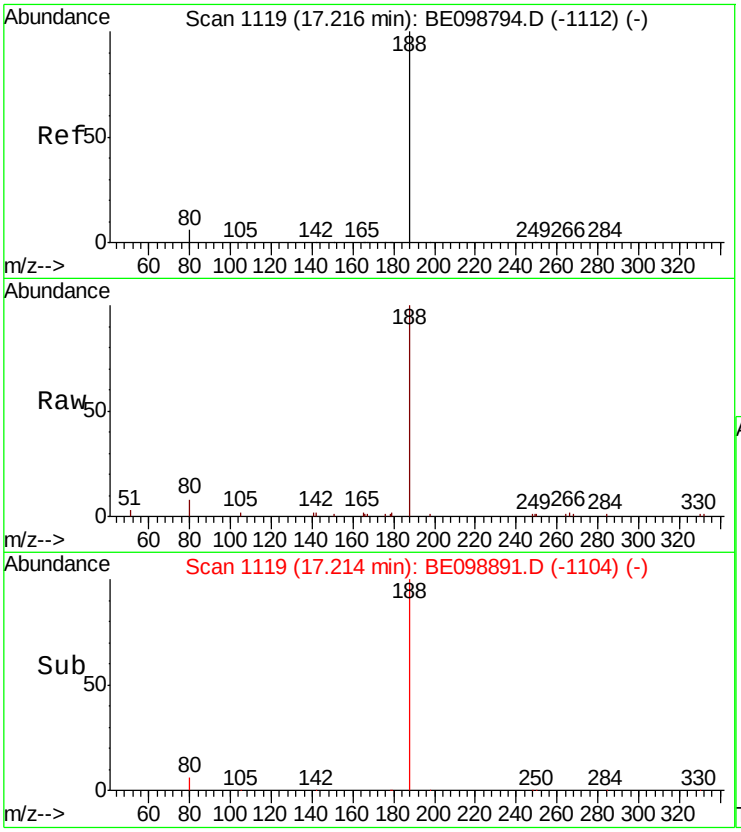


#18
Fluorene
Concen: 0.387 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:166 Resp: 4627

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.3	118.9
167	13.4	10.5	15.7



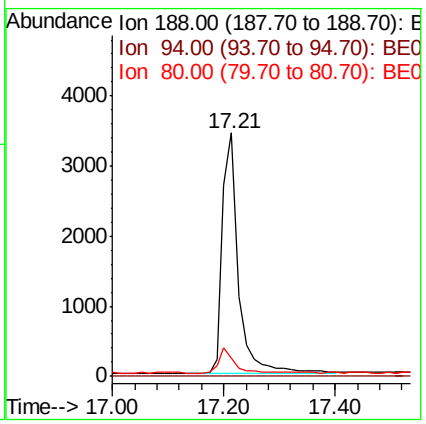


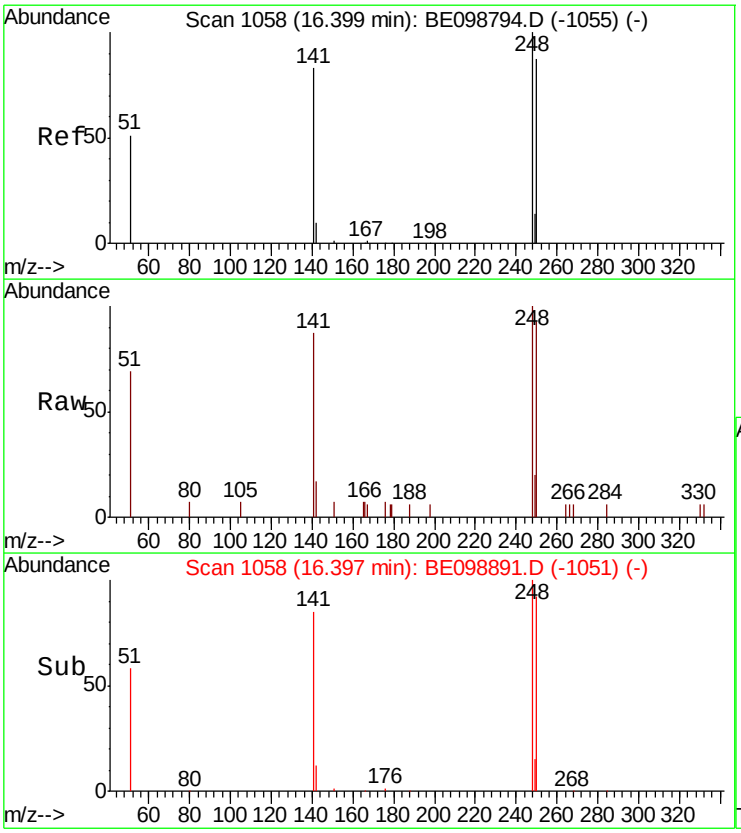
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:188 Resp: 6948

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.3	9.5

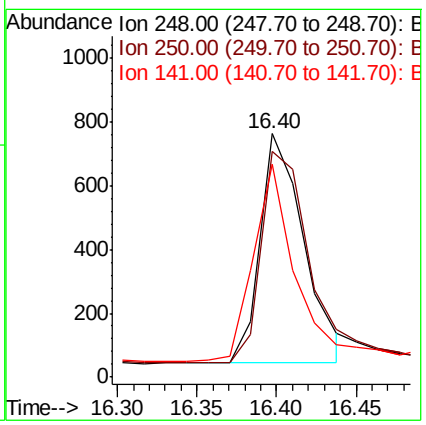


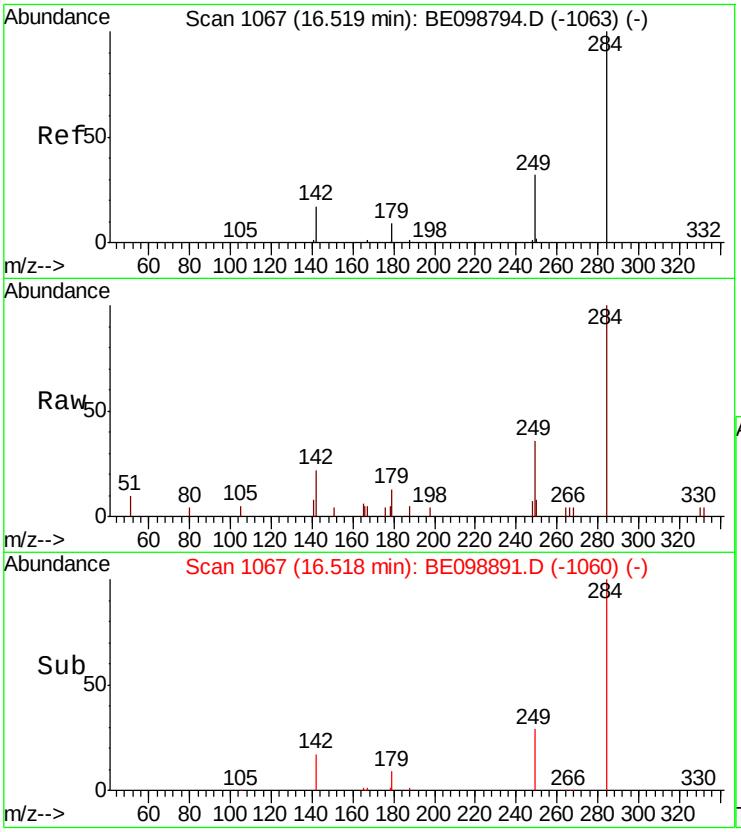


#20
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:248 Resp: 1387

Ion	Ratio	Lower	Upper
248	100		
250	92.7	70.6	105.8
141	87.3	68.6	102.8



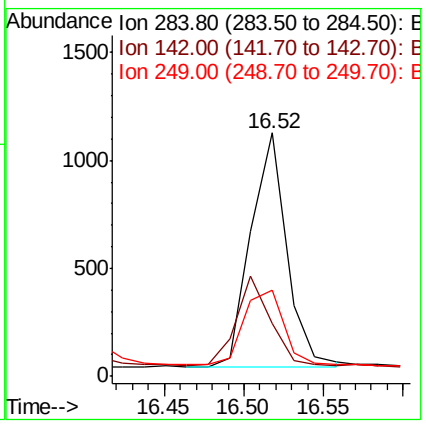


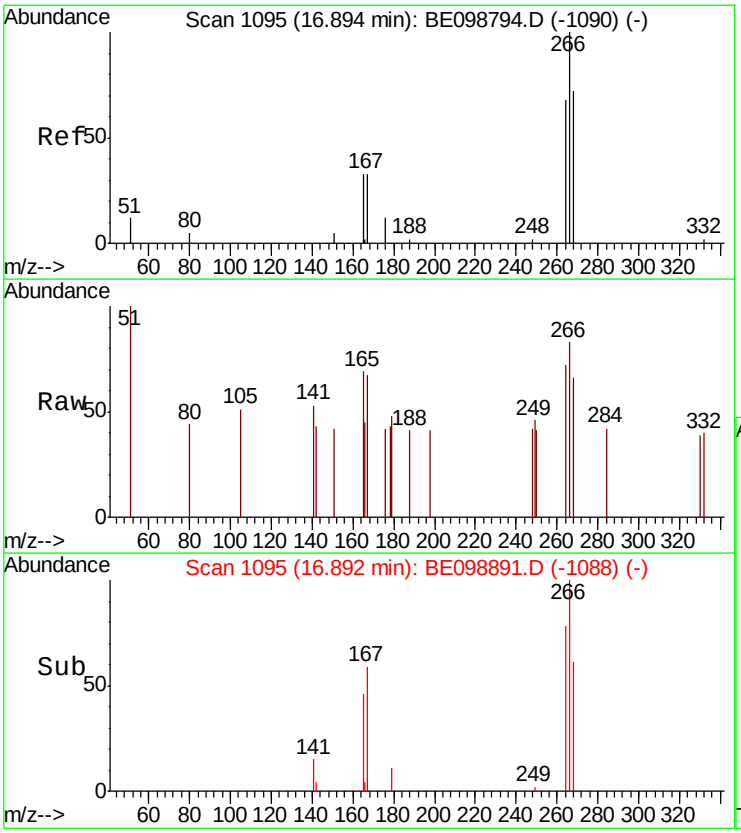
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:284 Resp: 1697

Ion	Ratio	Lower	Upper
284	100		
142	36.6	28.7	43.1
249	34.5	29.6	44.4

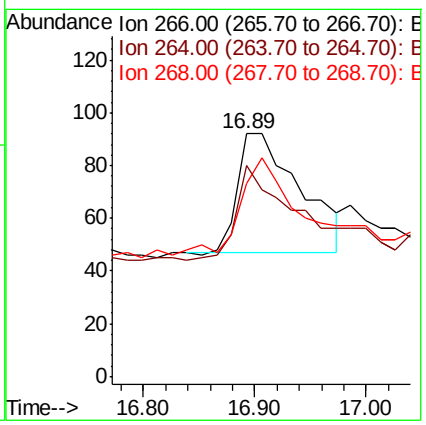


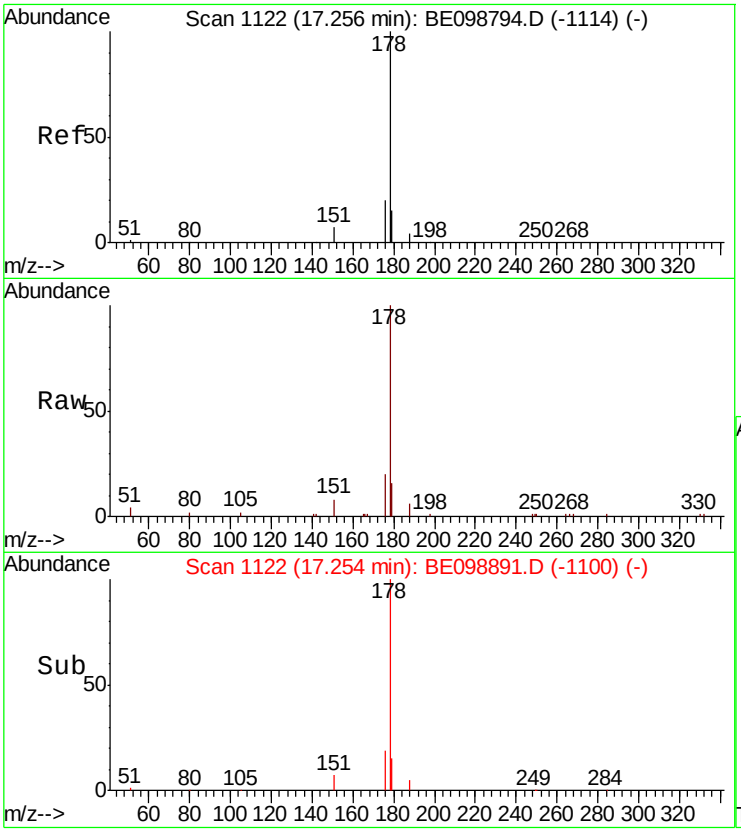


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:266 Resp: 176

Ion	Ratio	Lower	Upper
266	100		
264	87.0	66.6	100.0
268	79.3	69.8	104.8



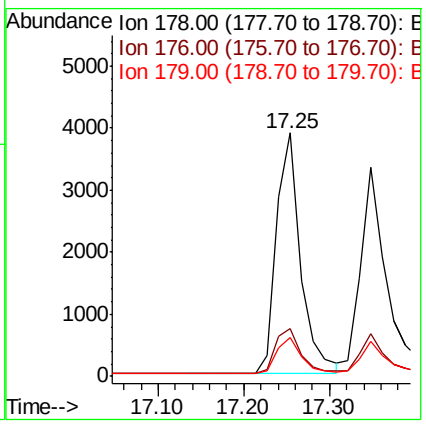


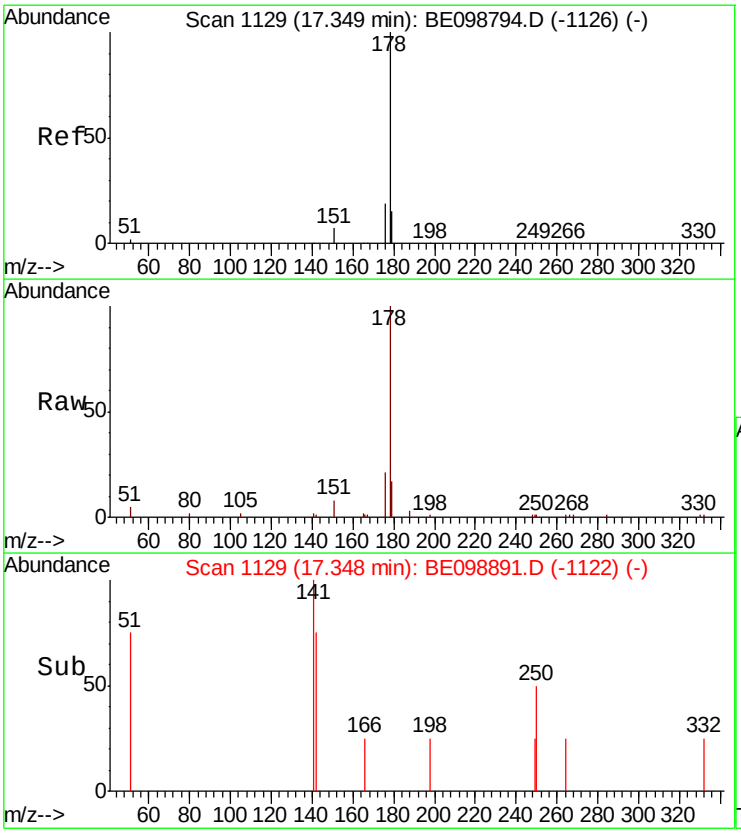
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:178 Resp: 7573

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.6	12.1	18.1

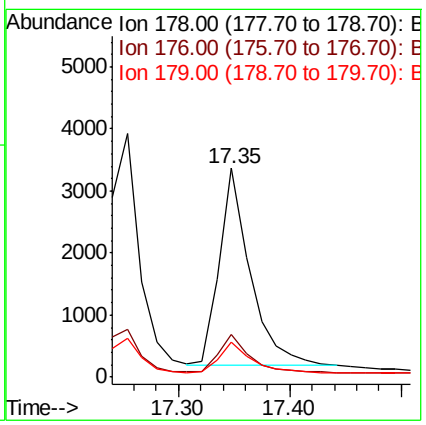


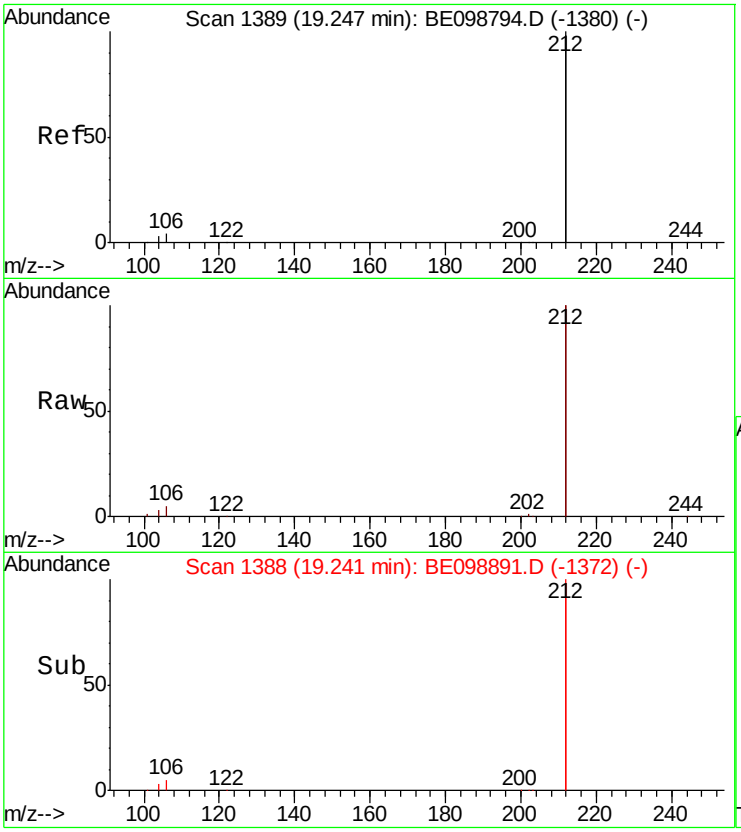


#24
Anthracene
Concen: 0.365 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:178 Resp: 6167

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	14.9	12.2	18.4



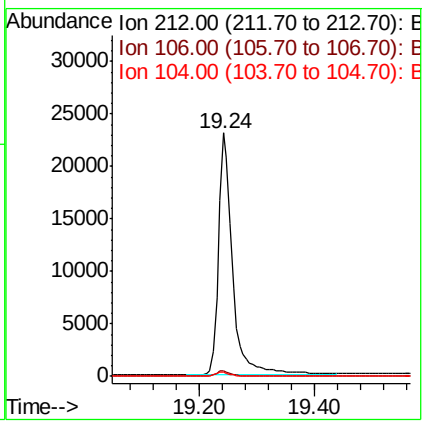


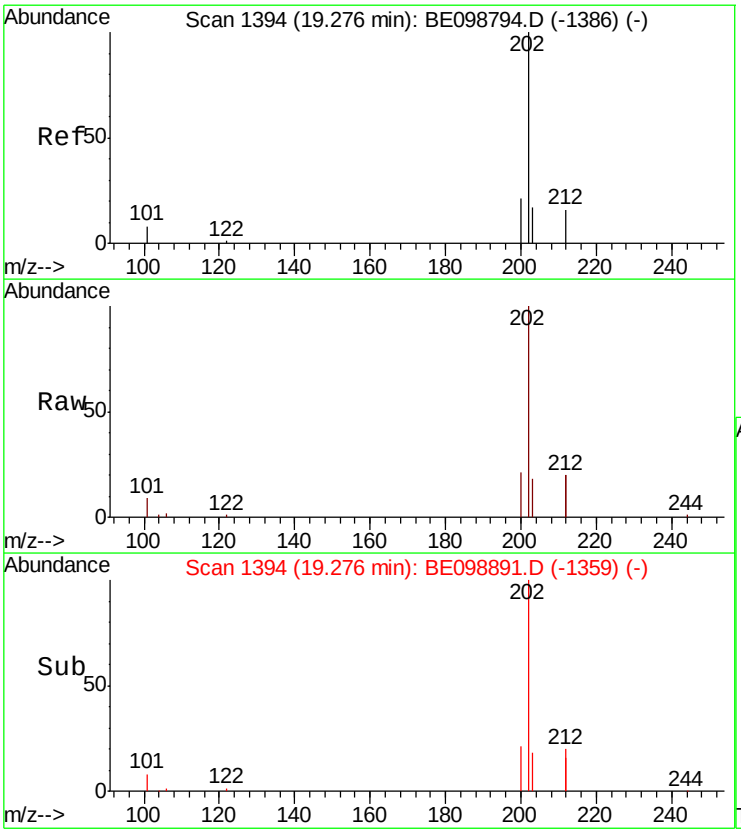
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:212 Resp: 38771

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

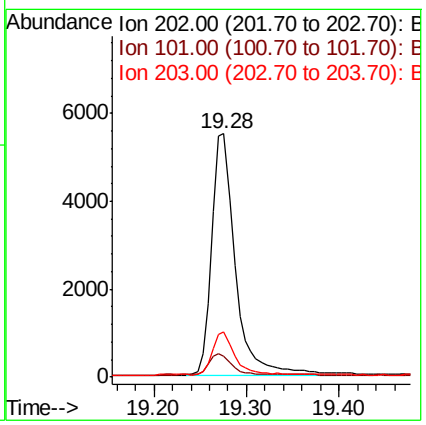


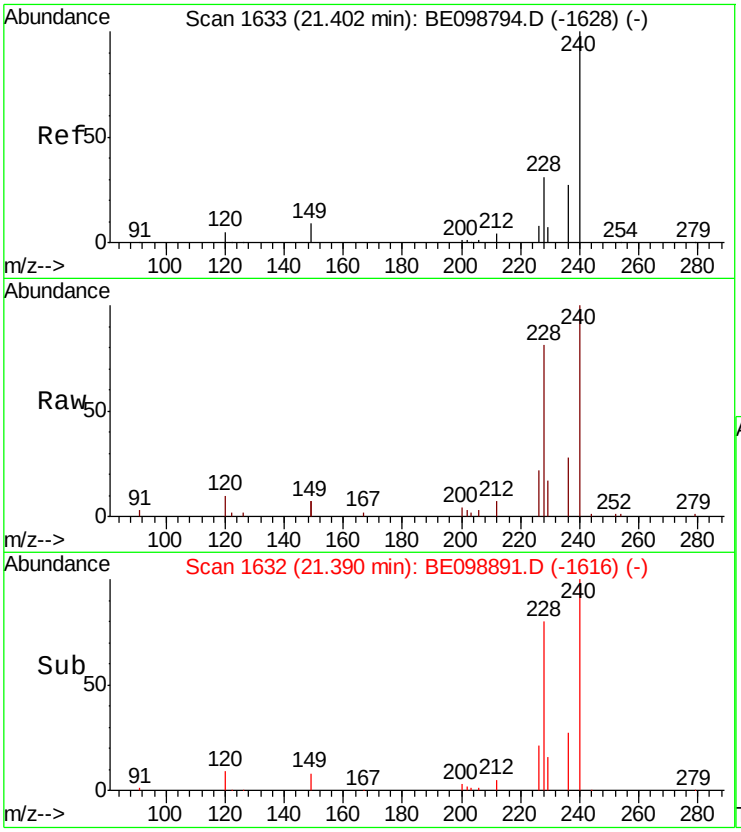


#26
Fluoranthene
Concen: 0.348 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:202 Resp: 9690

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	16.9	13.4	20.2



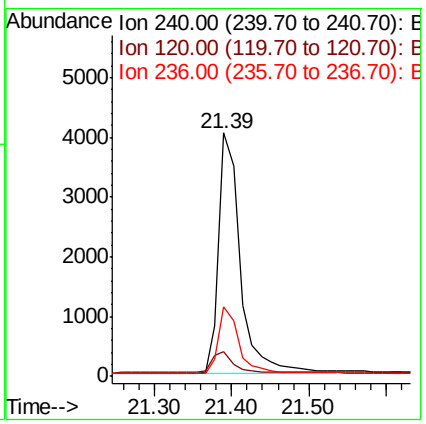


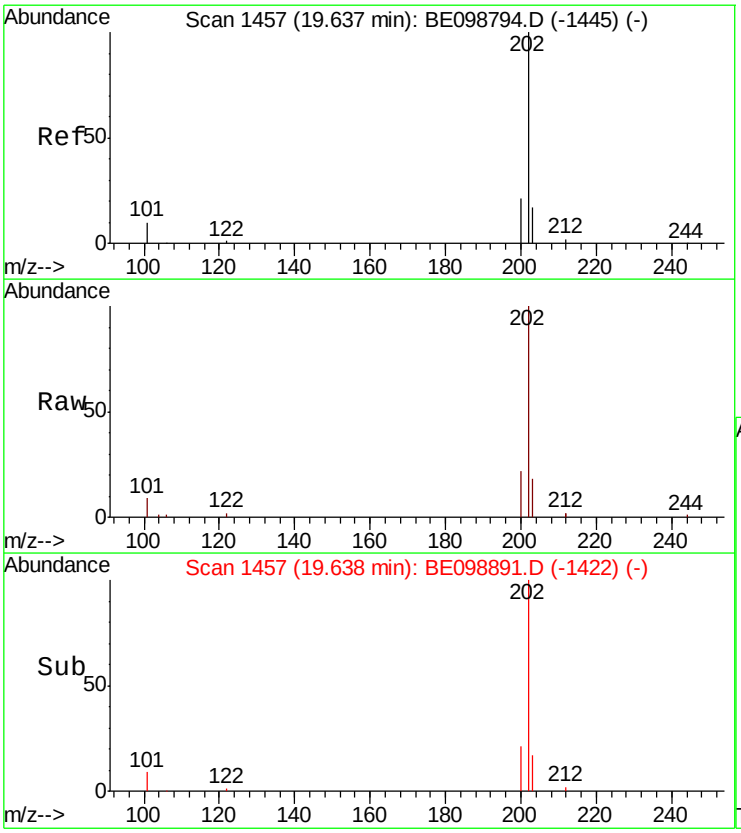
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:240 Resp: 7914

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.0	7.4#
236	28.4	22.7	34.1

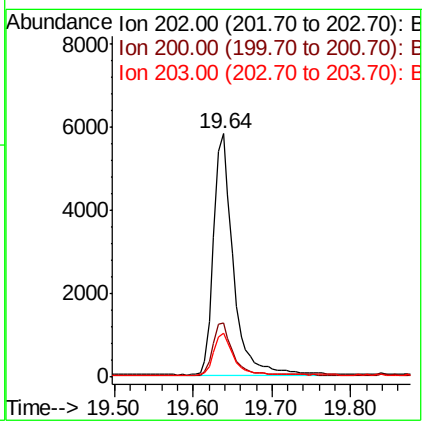


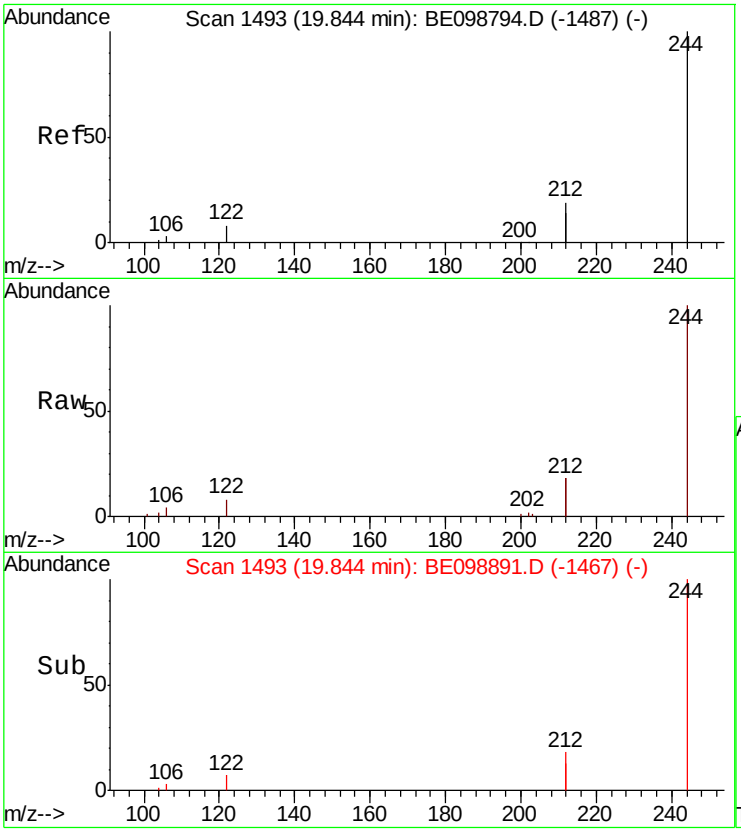


#28
Pyrene
Concen: 0.411 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:202 Resp: 9948

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.4	14.2	21.2



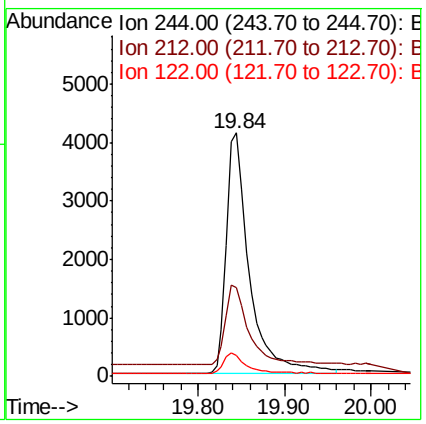


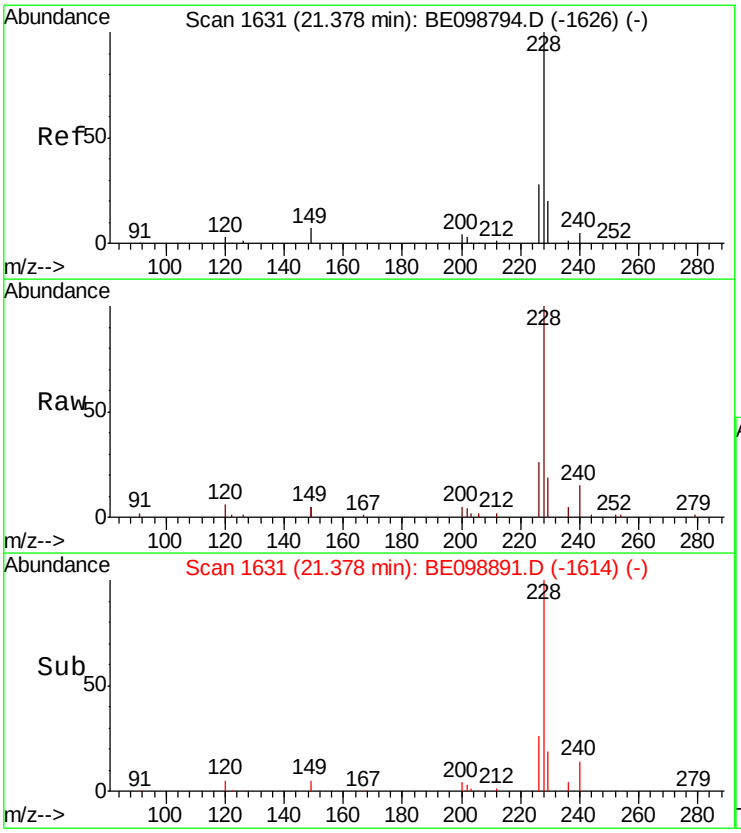
#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:244 Resp: 7588

Ion	Ratio	Lower	Upper
244	100		
212	36.6	29.4	44.2
122	8.5	7.1	10.7

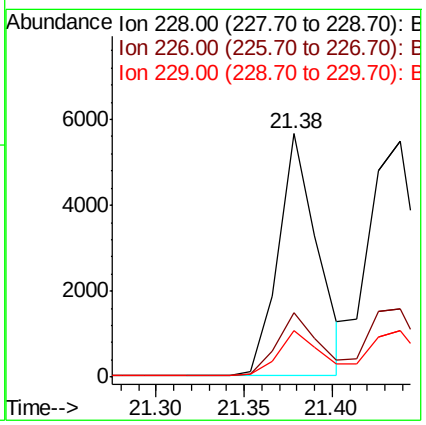


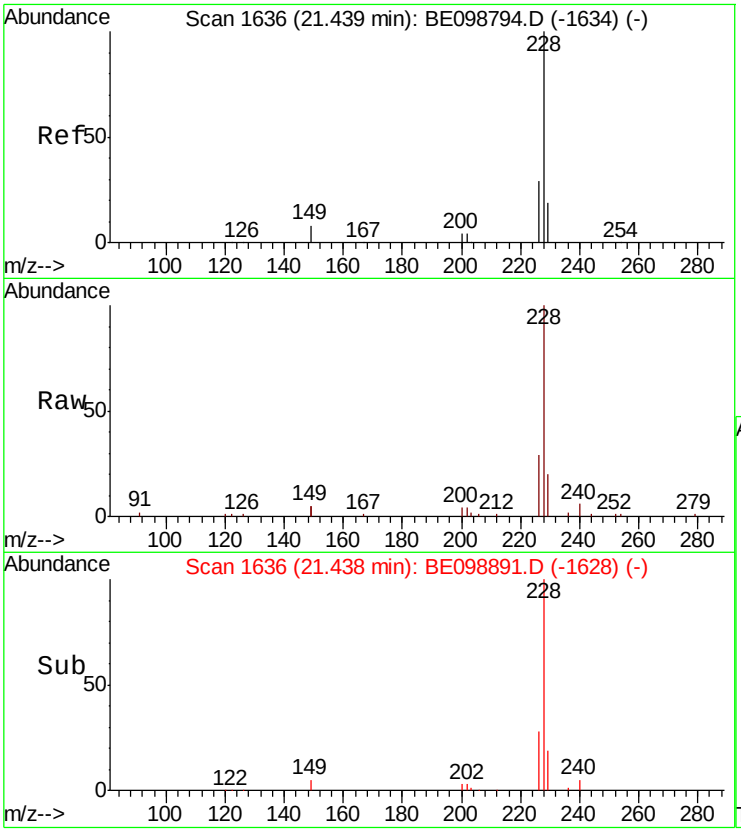


#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:228 Resp: 8750

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.0	34.4
229	19.3	16.5	24.7



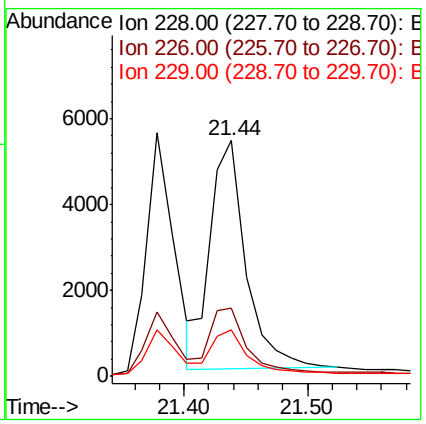


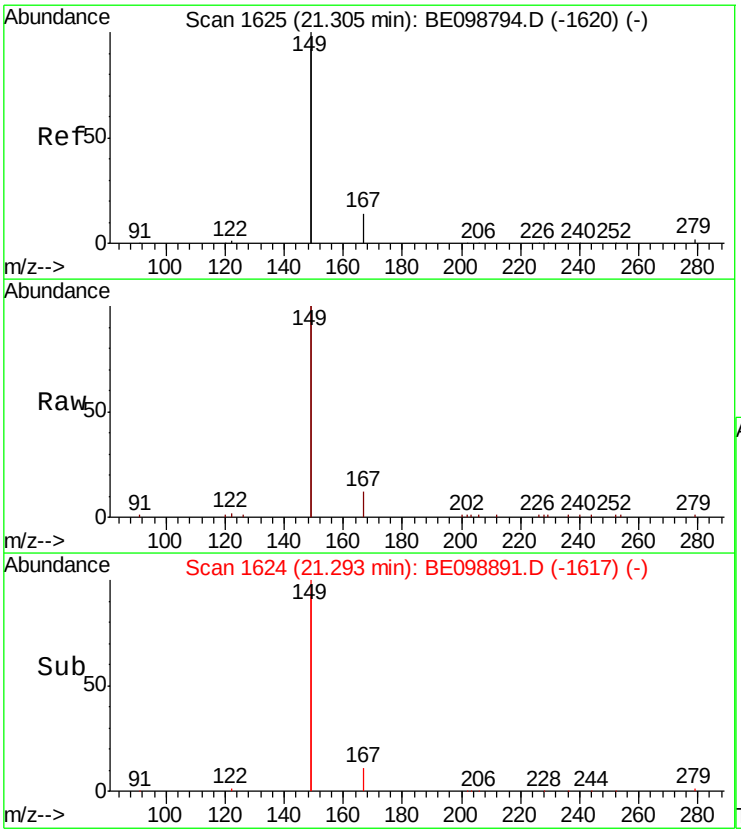
#31
Chrysene
Concen: 0.409 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:228 Resp: 10798

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.7	35.5
229	20.0	16.1	24.1

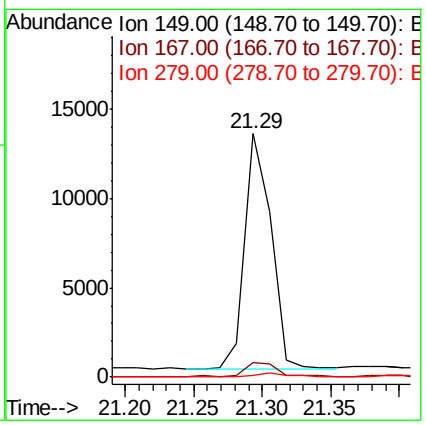


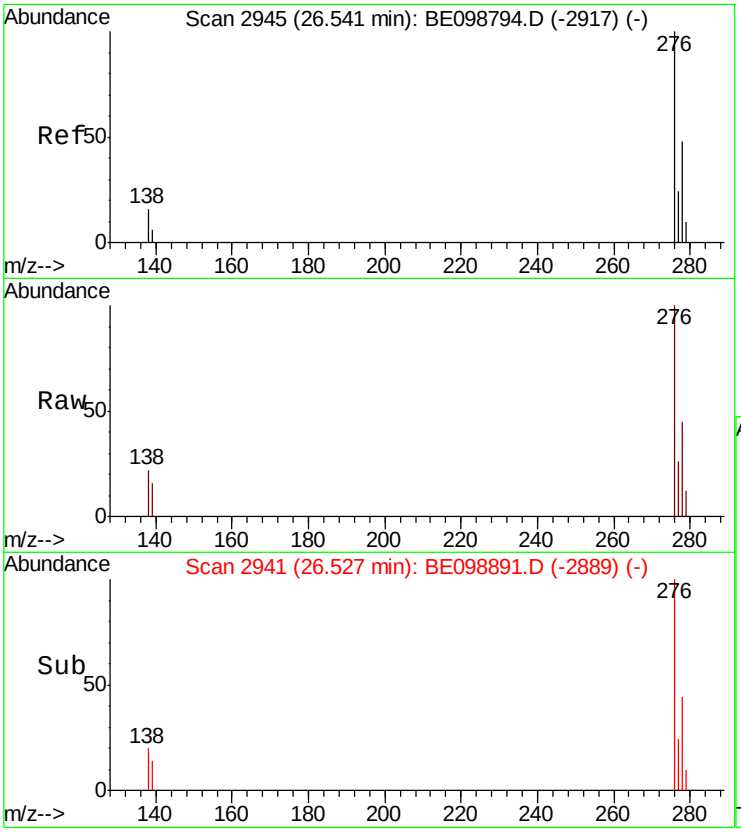


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:149 Resp: 17612

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



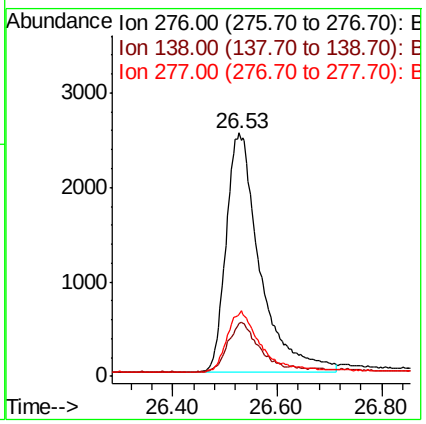


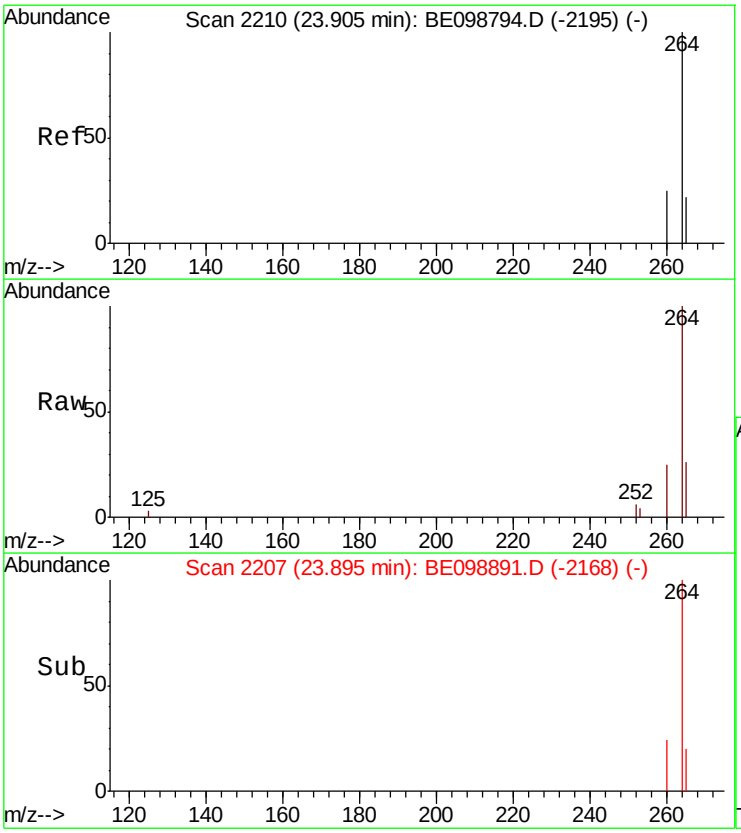
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:276 Resp: 11385

Ion	Ratio	Lower	Upper
276	100		
138	18.7	13.8	20.8
277	25.2	19.5	29.3

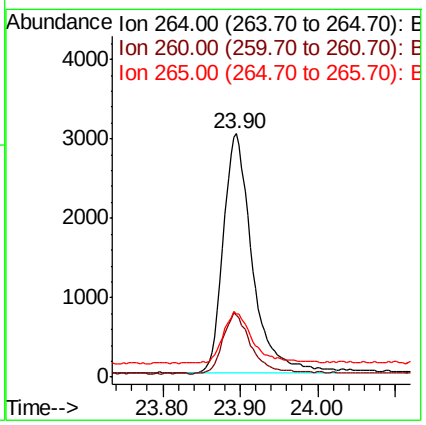


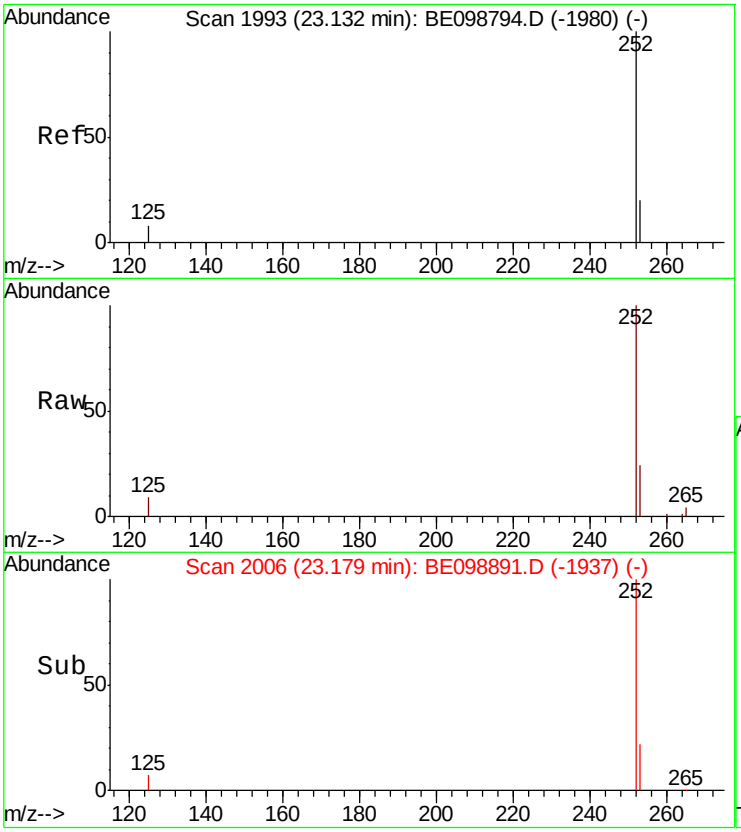


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:264 Resp: 7901

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.2	31.8
265	25.8	24.6	36.8



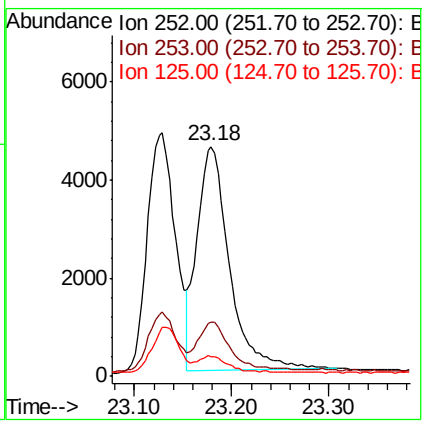


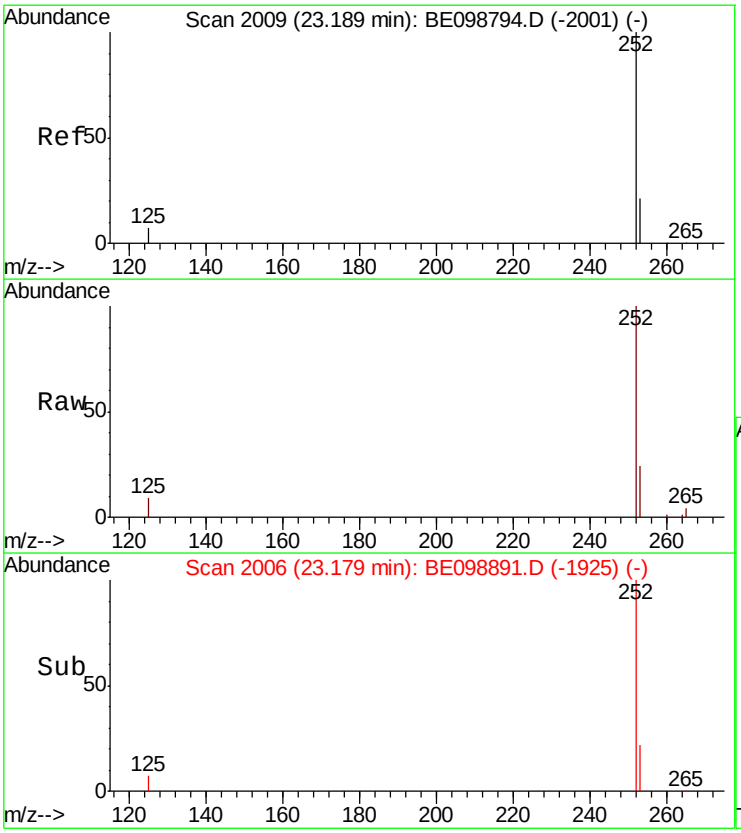
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:252 Resp: 10572

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	8.8	7.3	10.9

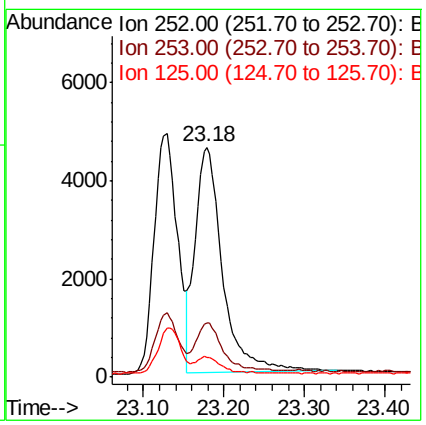


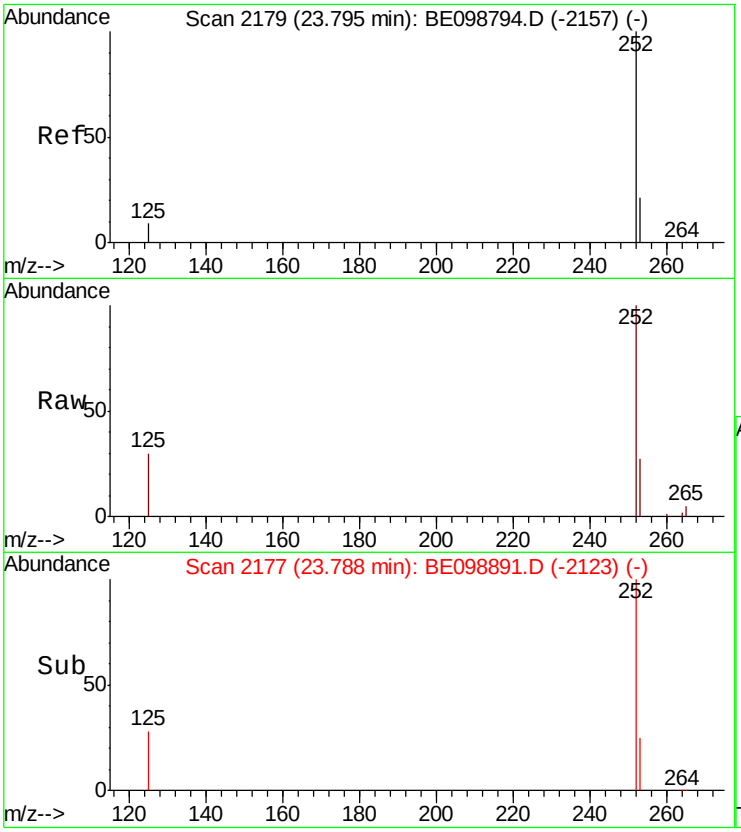


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:252 Resp: 10849

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	8.8	7.5	11.3



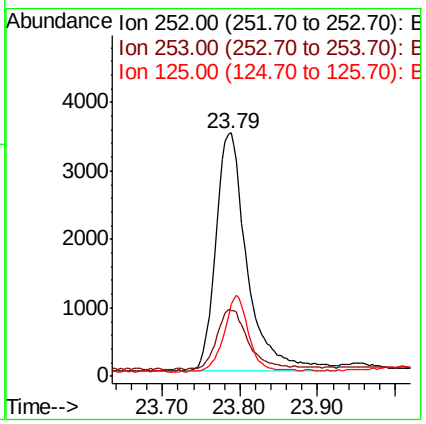


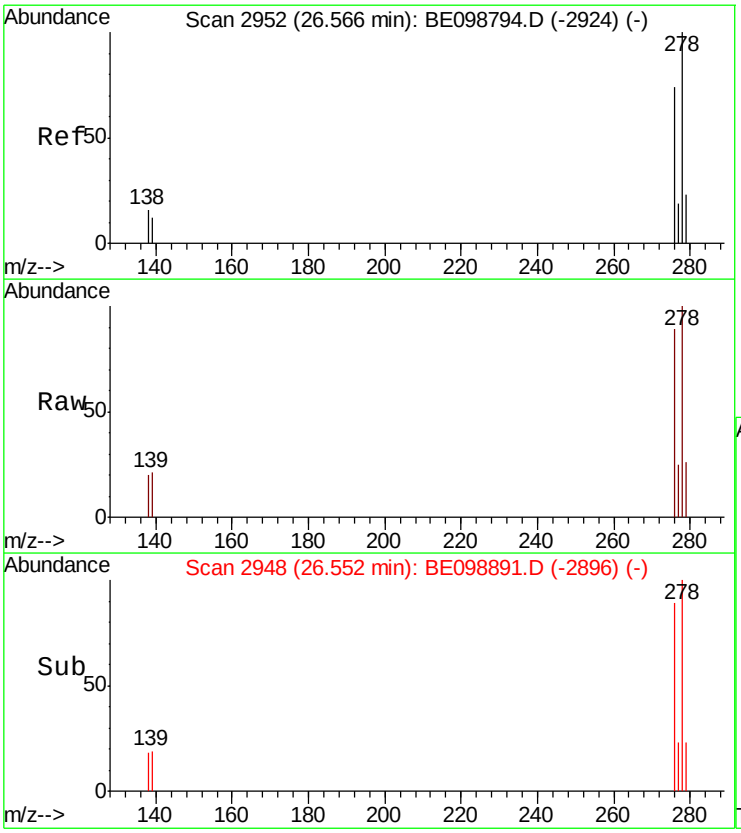
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:252 Resp: 9849

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.9	29.9
125	29.7	9.0	13.4#

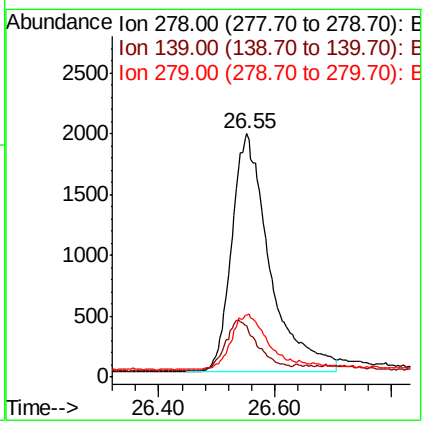


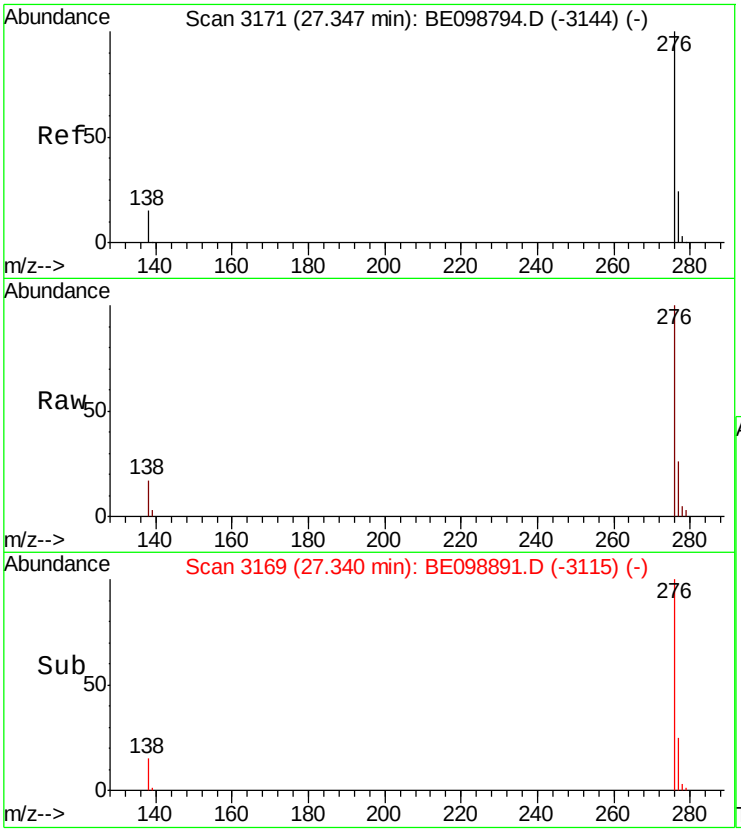


#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Tgt Ion:278 Resp: 8891

Ion	Ratio	Lower	Upper
278	100		
139	21.0	11.8	17.6#
279	25.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098891.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_E
ClientSampleId :
PB117818BS

Tgt Ion:276 Resp: 9346

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.4	30.6
138	17.5	13.6	20.4