Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097609.D
Acq On : 21 Sep 2018 13:34
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 21 16:04:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	677	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3458	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2452	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7572	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8400	0.40	ng		0.00
34) Perylene-d12	23.20	264	8067	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	732	0.36	ng		0.00
5) Phenol-d6	6.61	99	888	0.34	ng		0.00
8) Nitrobenzene-d5	8.53	82	909	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2054	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	425	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3121	0.36	ng		0.00
25) Fluoranthene-d10	18.80	212	31442	0.32	ng		0.00
29) Terphenyl-d14	19.42	244	6252	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	437	0.376	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	299	0.308	ng		90
6) bis(2-Chloroethyl)ether	6.83	93	861	0.358	ng		76
9) Naphthalene	10.17	128	12442	0.400	ng		99
10) Hexachlorobutadiene	10.46	225	561	0.391	ng		99
12) 2-Methylnaphthalene	11.80	142	2043	0.420	ng		98
16) Acenaphthylene	13.72	152	3890	0.401	ng		99
17) Acenaphthene	14.06	154	2557	0.393	ng		95
18) Fluorene	15.06	166	3542	0.418	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1301	0.381	ng	#	86
21) Hexachlorobenzene	16.07	284	1516	0.404	ng	#	85
22) Pentachlorophenol	16.45	266	368	0.348	ng	#	77
23) Phenanthrene	16.80	178	7056	0.393	ng		99
24) Anthracene	16.89	178	5782	0.364	ng		95
26) Fluoranthene	18.83	202	8211	0.329	ng		98
28) Pyrene	19.20	202	8429	0.441	ng		100
30) Benzo(a)anthracene	20.96	228	7678	0.363	ng		96
31) Chrysene	21.00	228	9014	0.397	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	10431	0.304	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10273	0.376	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	7682	0.371	ng	#	89
36) Benzo(k)fluoranthene	22.57	252	9366	0.397	ng		94
37) Benzo(a)pyrene	23.11	252	7727	0.386	ng	#	93
38) Dibenzo(a,h)anthracene	25.52	278	8494	0.392	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	8325	0.395	ng	#	89

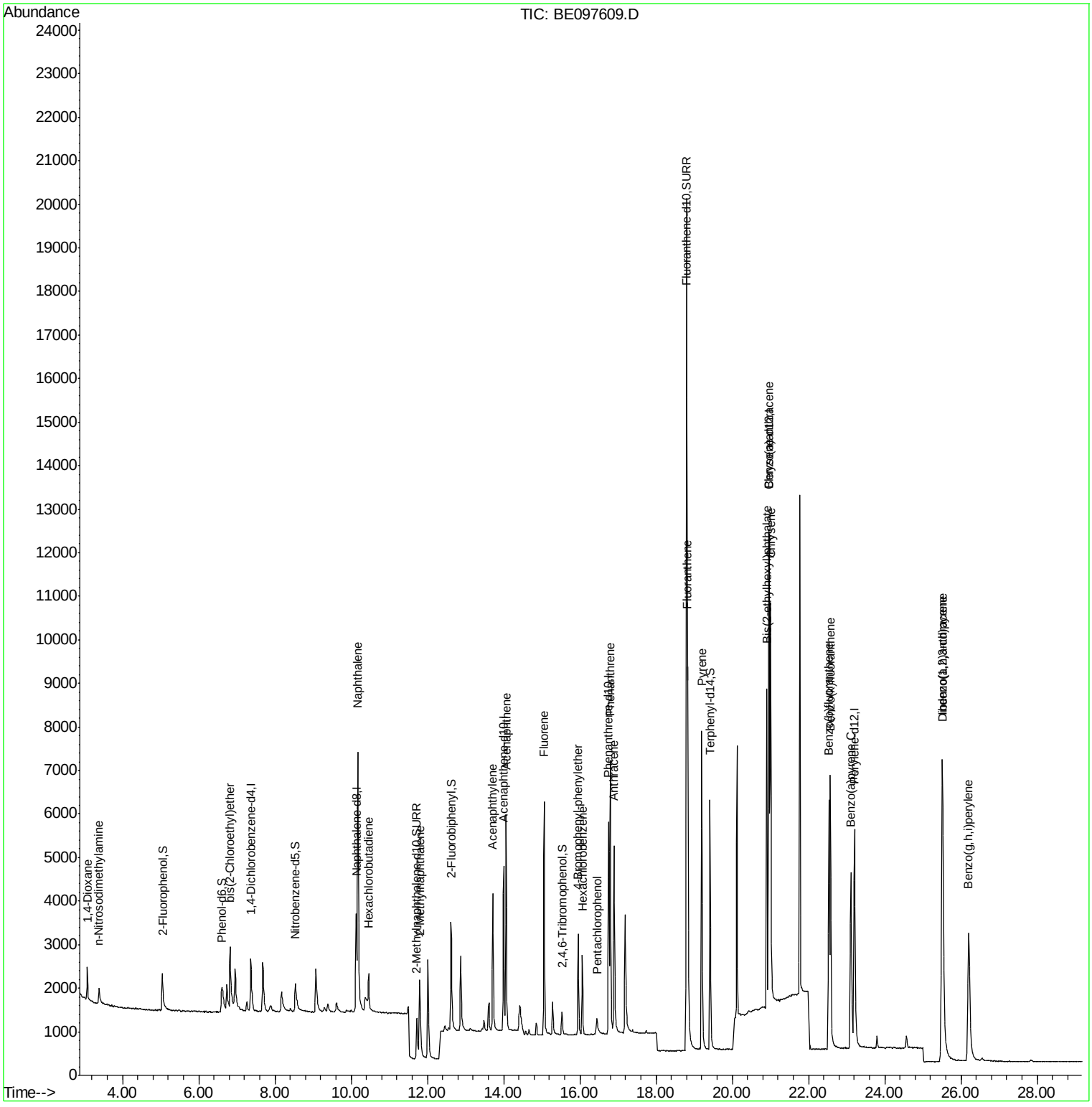
(#) = qualifier out of range (m) = manual integration (+) = signals summed

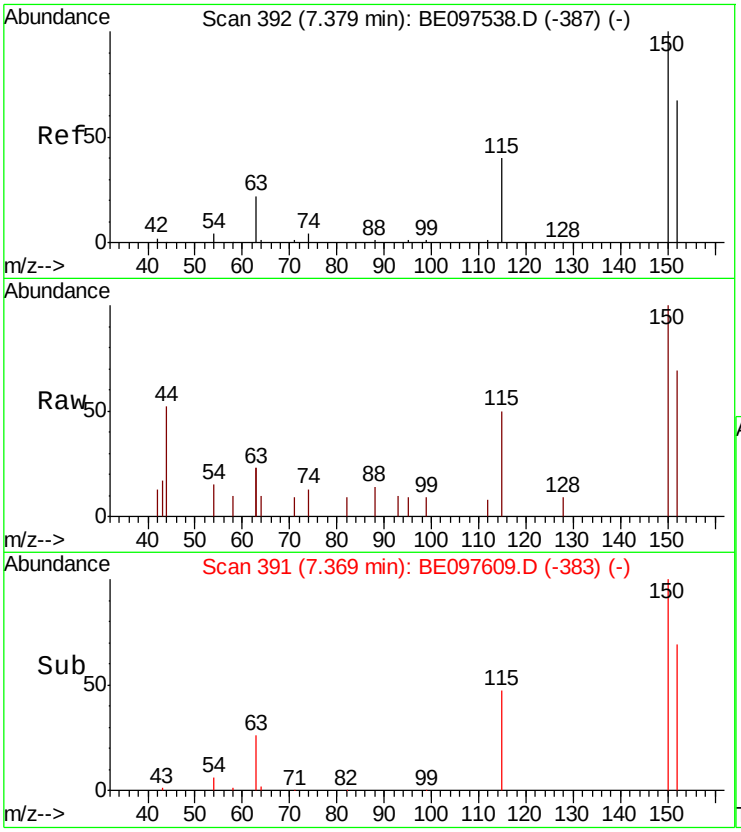
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097609.D
Acq On : 21 Sep 2018 13:34
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 21 16:04:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



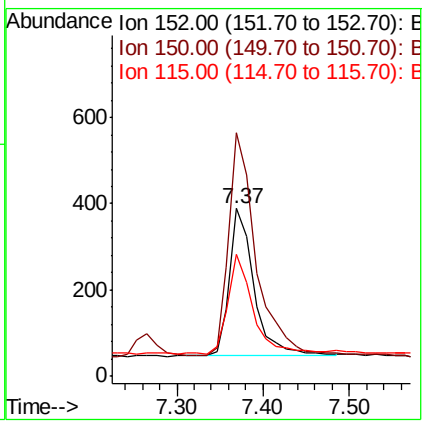


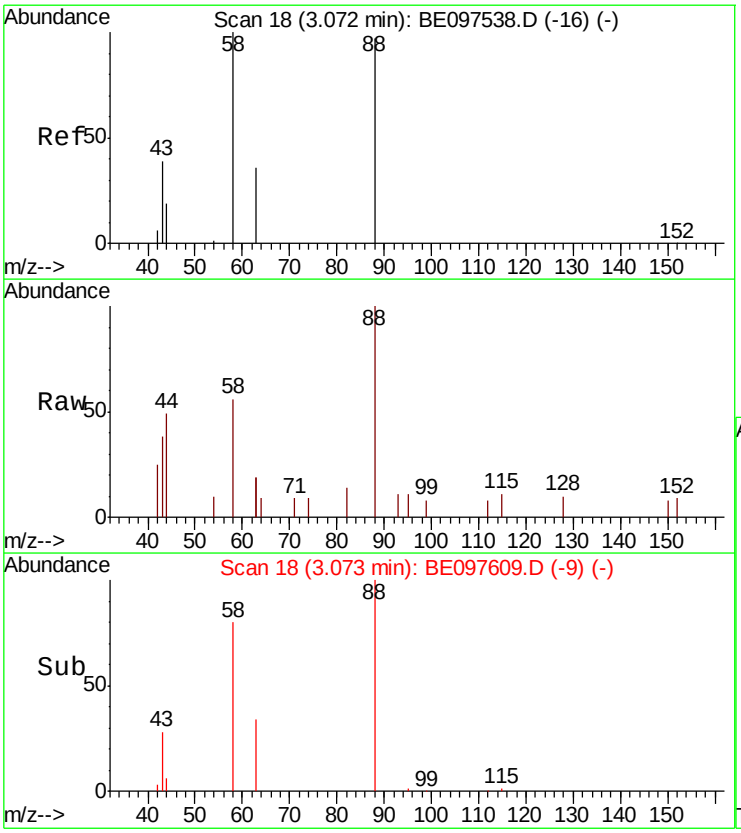
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 677

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	73.0	57.0	85.6

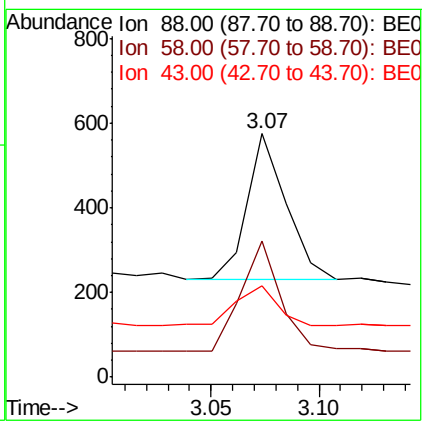


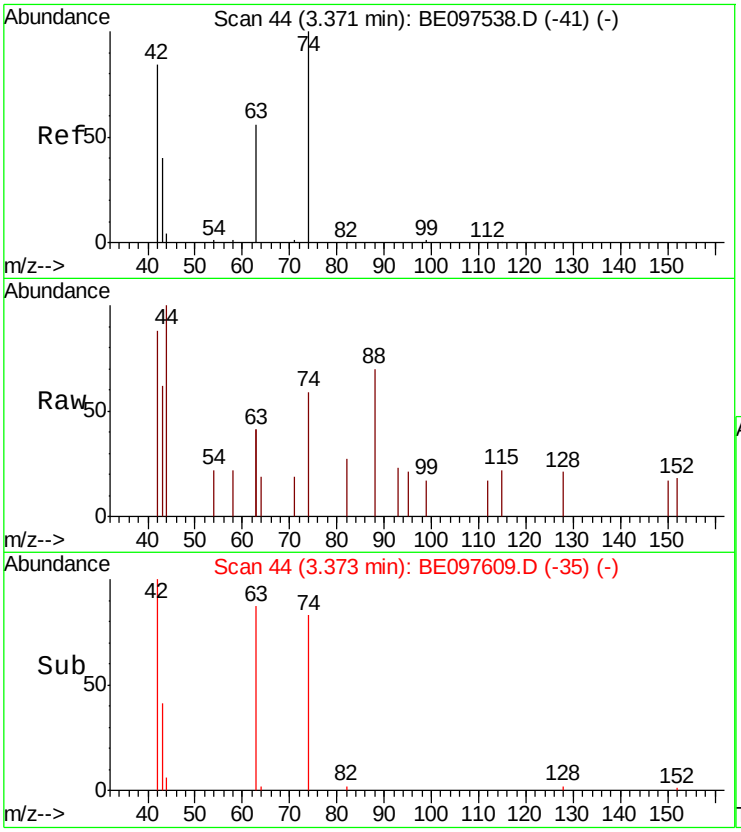


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion: 88 Resp: 437

Ion	Ratio	Lower	Upper
88	100		
58	76.9	63.2	94.8
43	28.8	41.2	61.8#



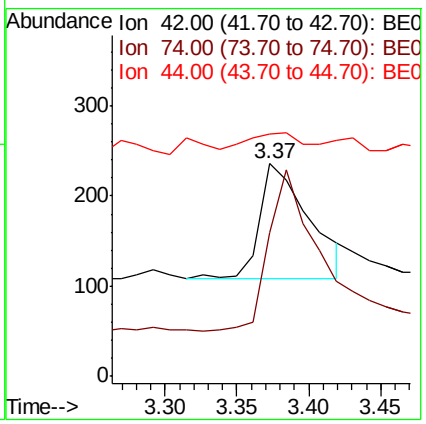


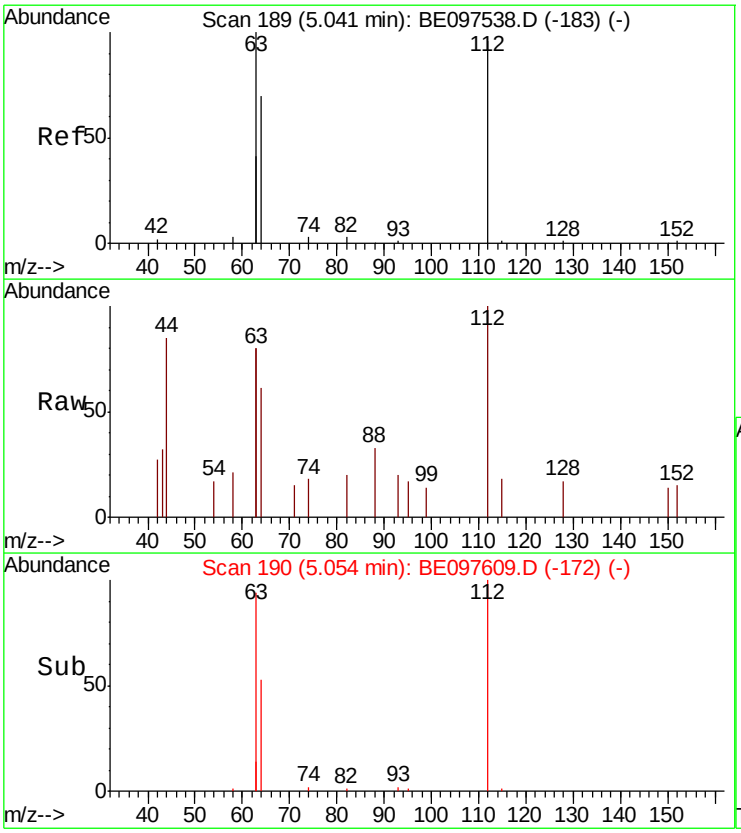
#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 299

Ion	Ratio	Lower	Upper
42	100		
74	131.8	96.0	144.0
44	16.4	12.0	18.0

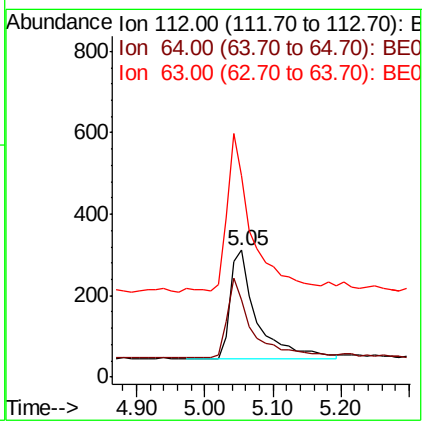


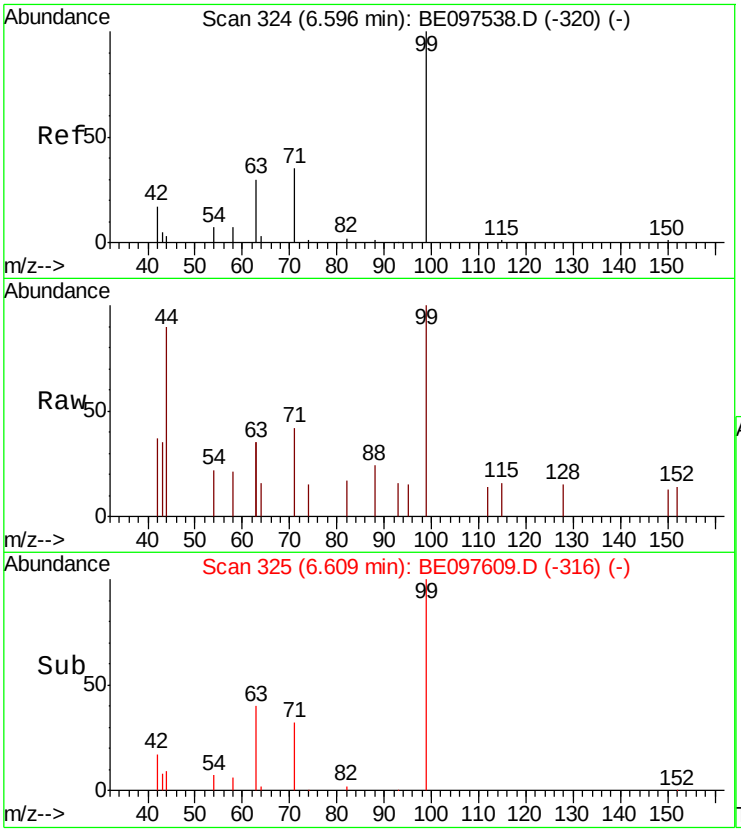


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:112 Resp: 732

Ion	Ratio	Lower	Upper
112	100		
64	67.6	60.1	90.1
63	130.6	116.8	175.2



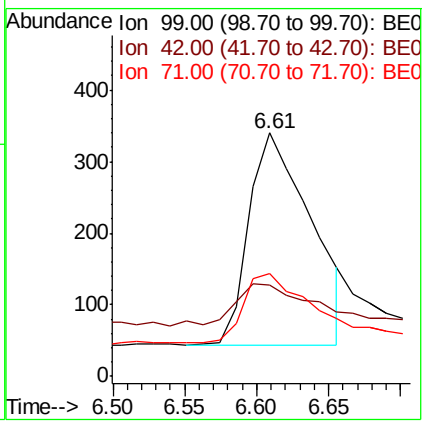


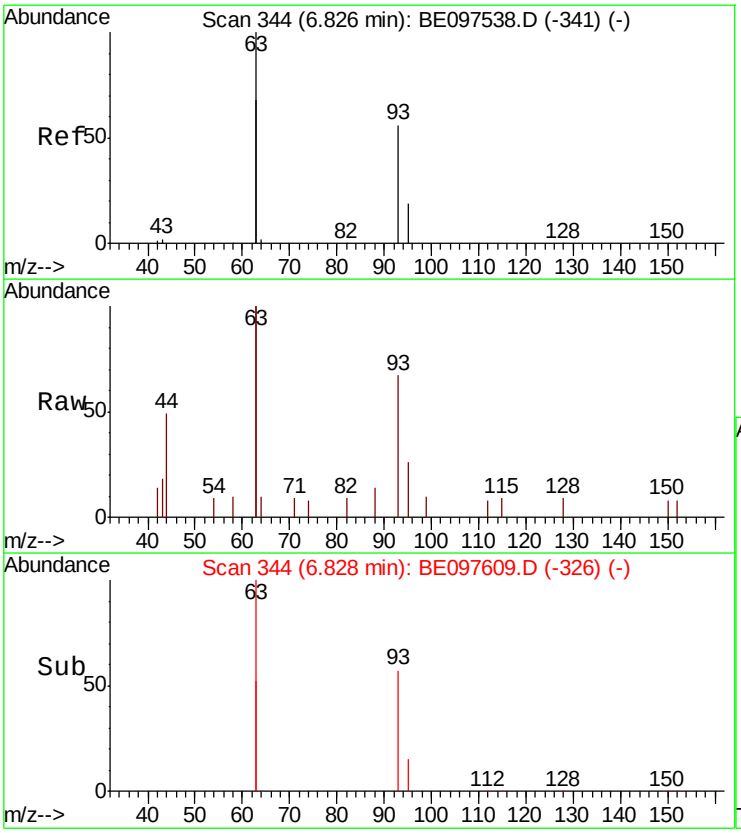
#5
Phenol-d6
Concen: 0.342 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 888

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.2	30.2
71	33.1	28.4	42.6

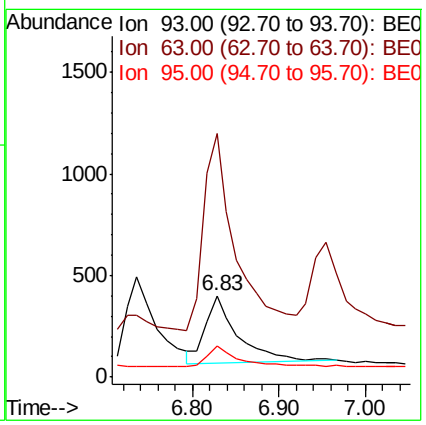


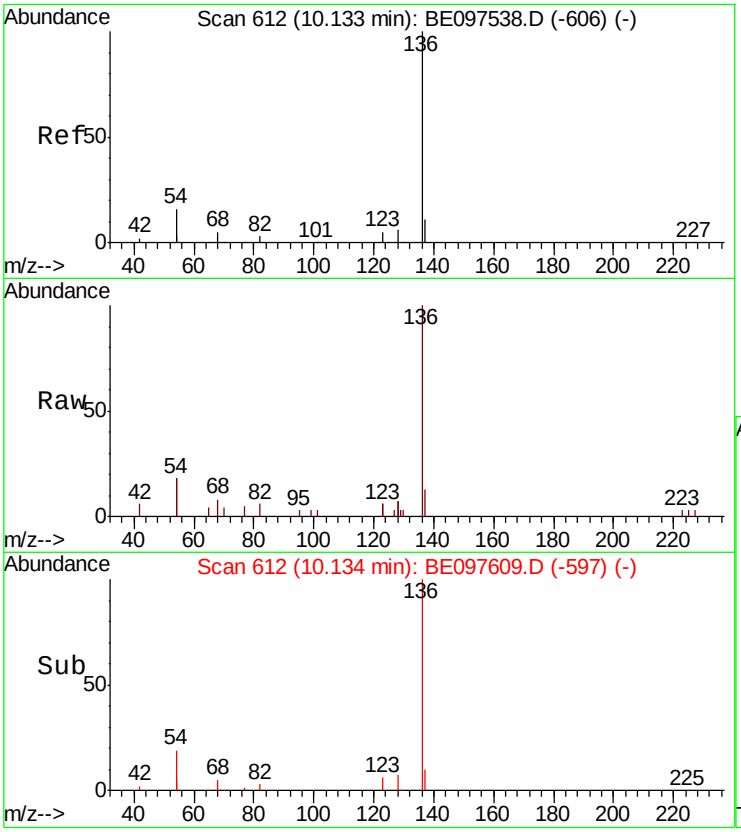


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion: 93 Resp: 861

Ion	Ratio	Lower	Upper
93	100		
63	289.5	275.3	412.9
95	30.1	25.2	37.8



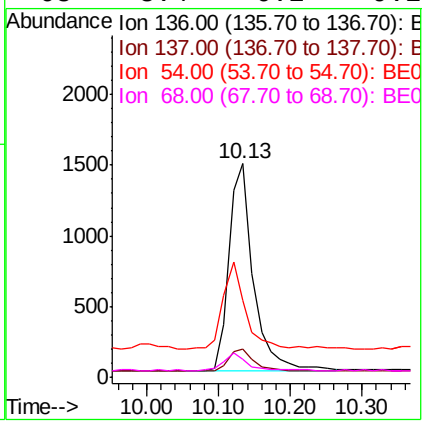


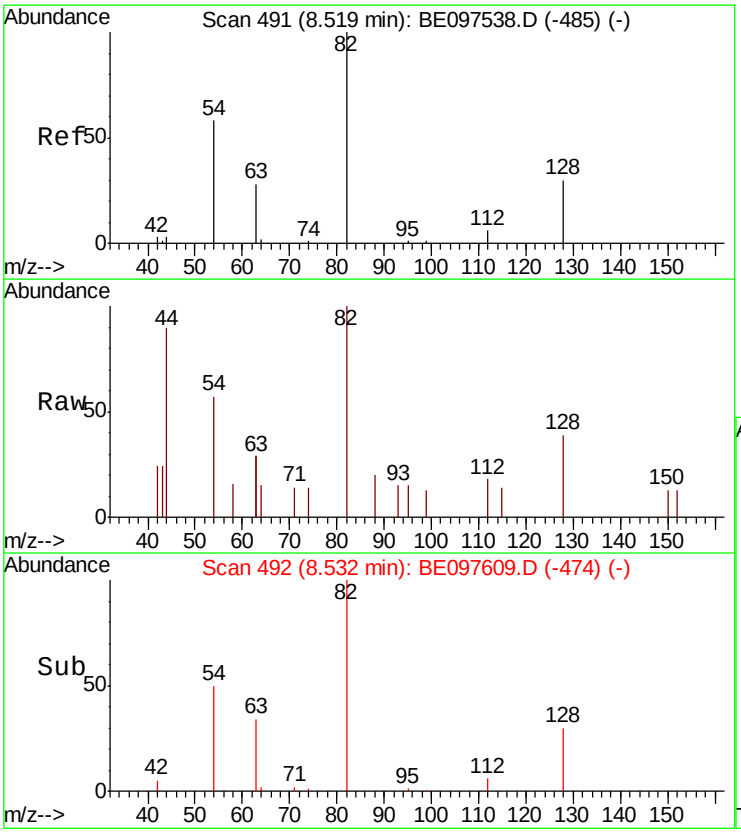
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3458

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	36.3	29.1	43.7
68	8.4	6.2	9.2

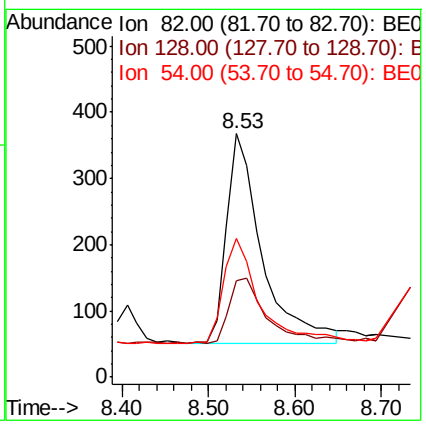


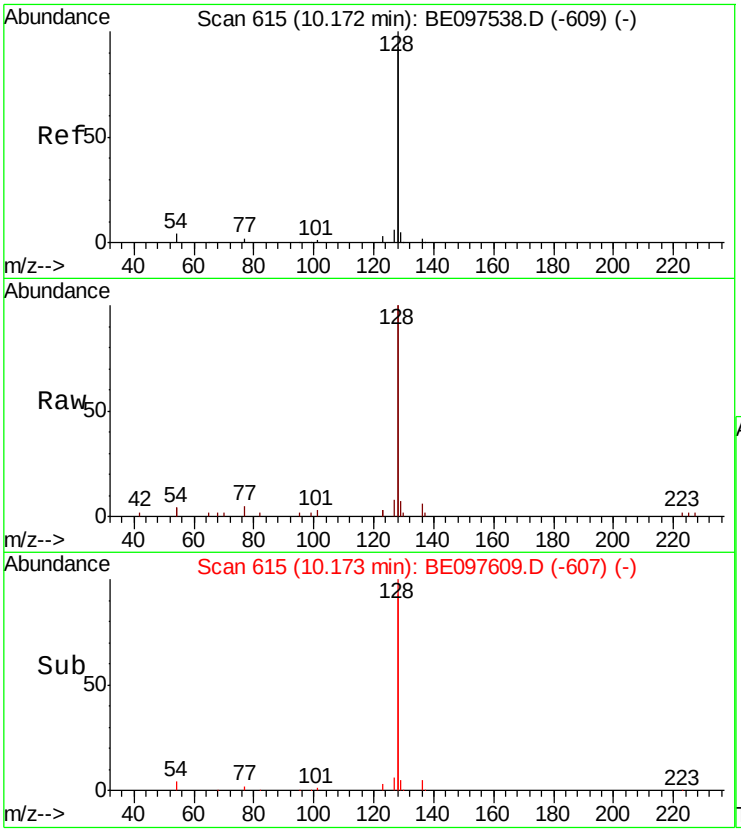


#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion: 82 Resp: 909

Ion	Ratio	Lower	Upper
82	100		
128	39.4	24.0	36.0#
54	56.8	40.0	60.0



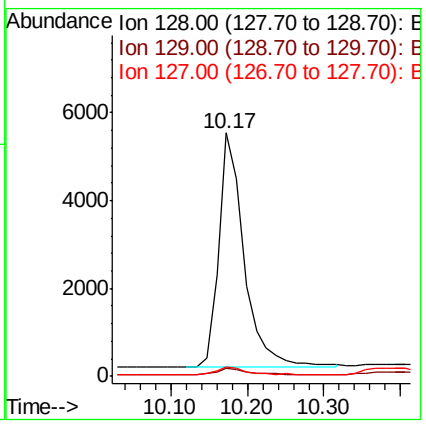


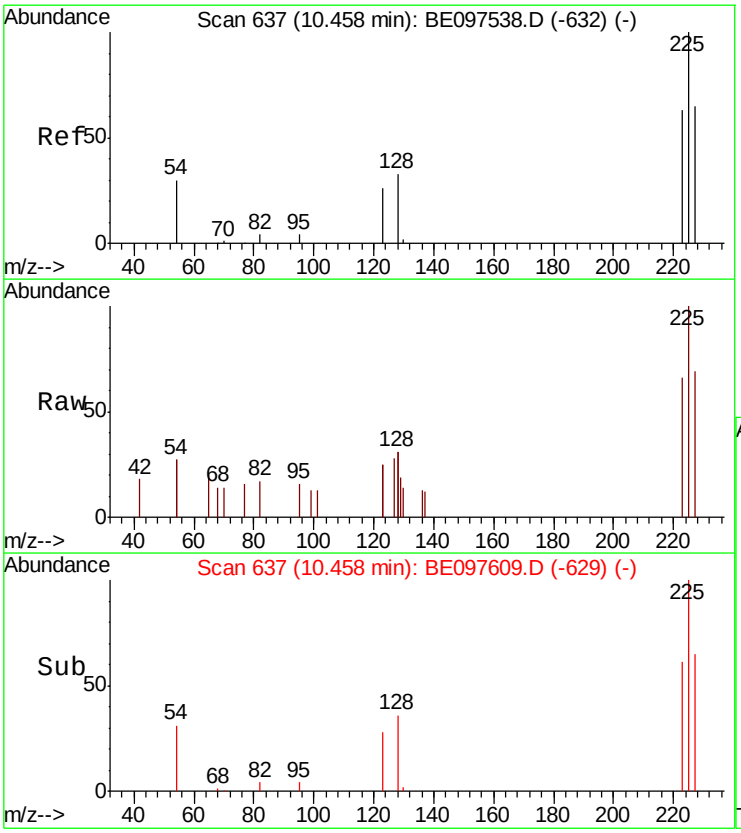
#9
Naphthalene
Concen: 0.400 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12442

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	3.9	2.8	4.2

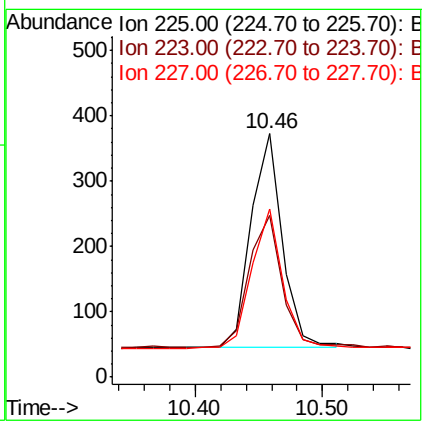


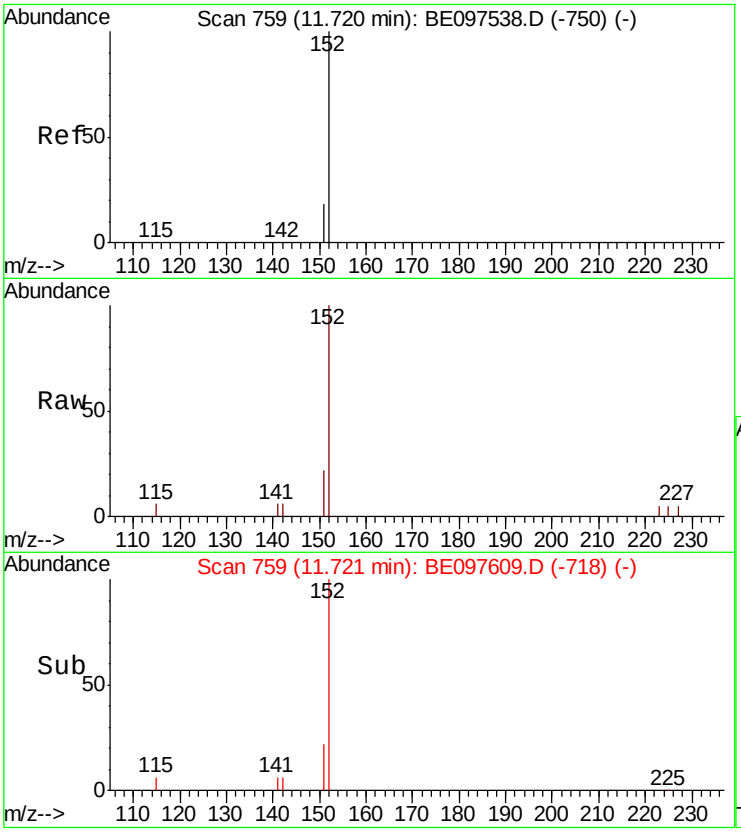


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:225 Resp: 561

Ion	Ratio	Lower	Upper
225	100		
223	64.9	53.0	79.6
227	64.2	51.4	77.2



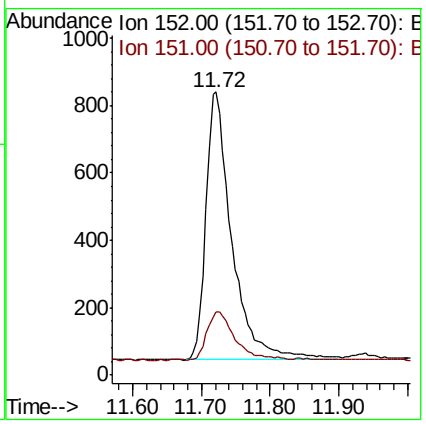


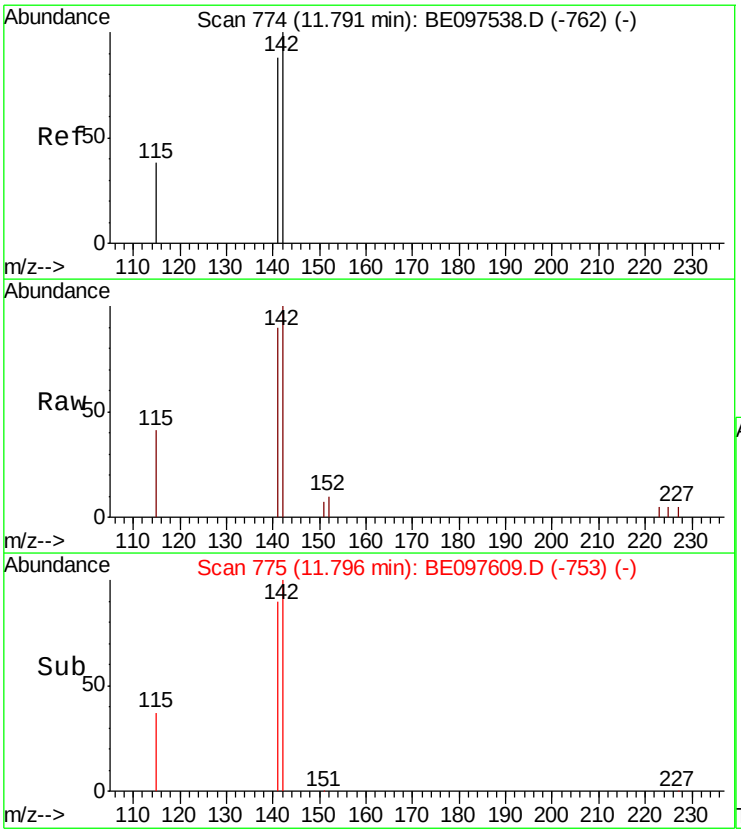
#11
2-Methylnaphthalene-d10
Concen: 0.431 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2054

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.4	23.0

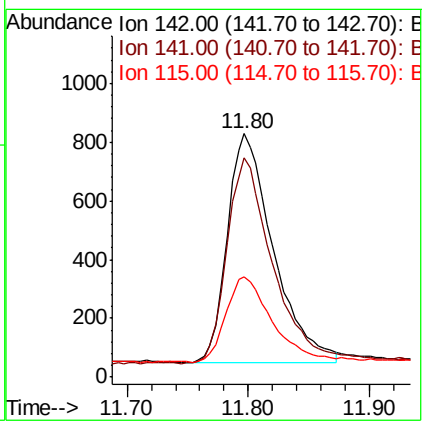


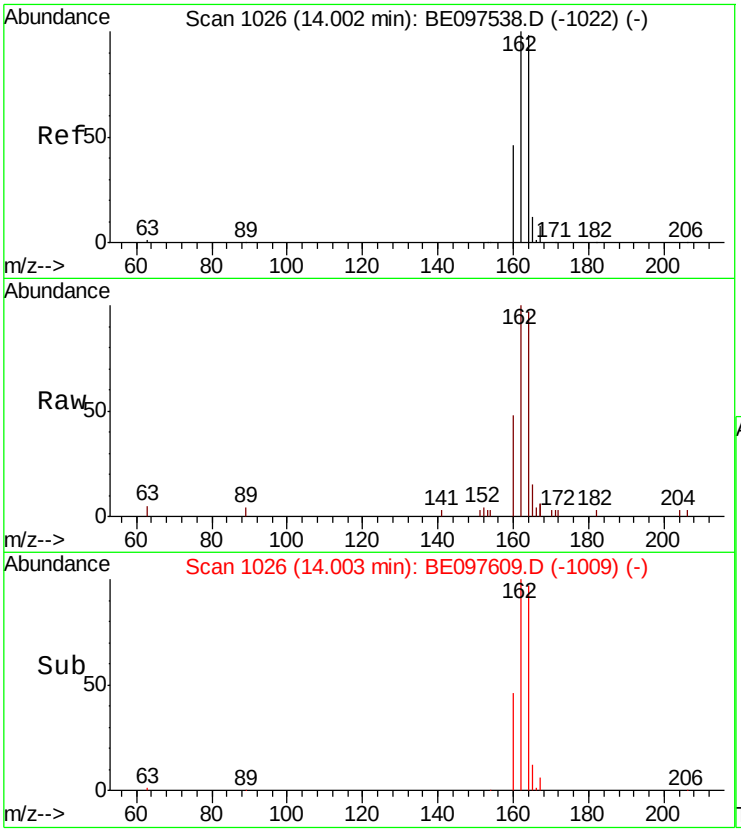


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:142 Resp: 2043

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.4	105.6
115	41.0	31.7	47.5



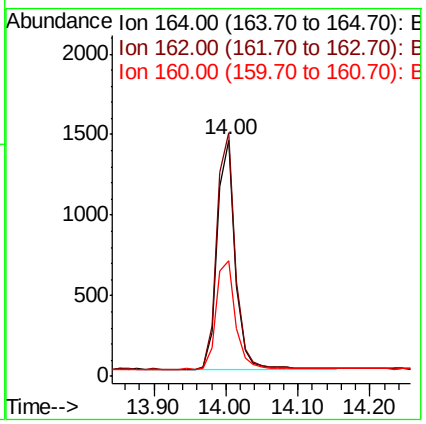


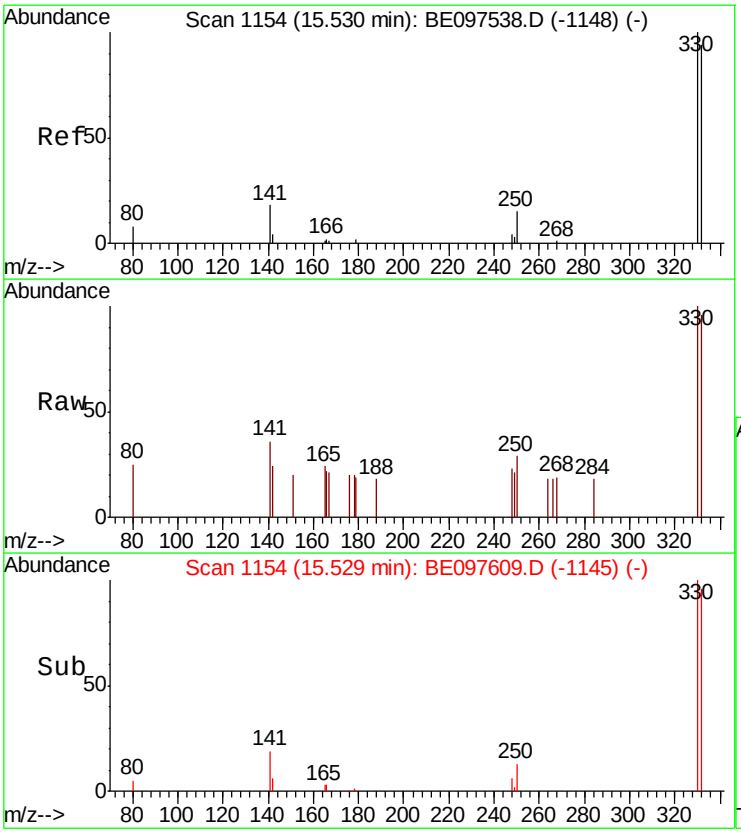
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2452

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.1	124.7
160	49.1	37.1	55.7

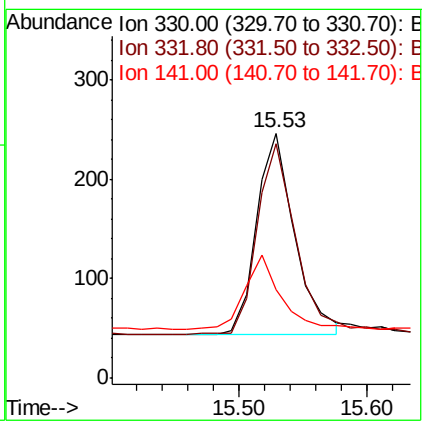


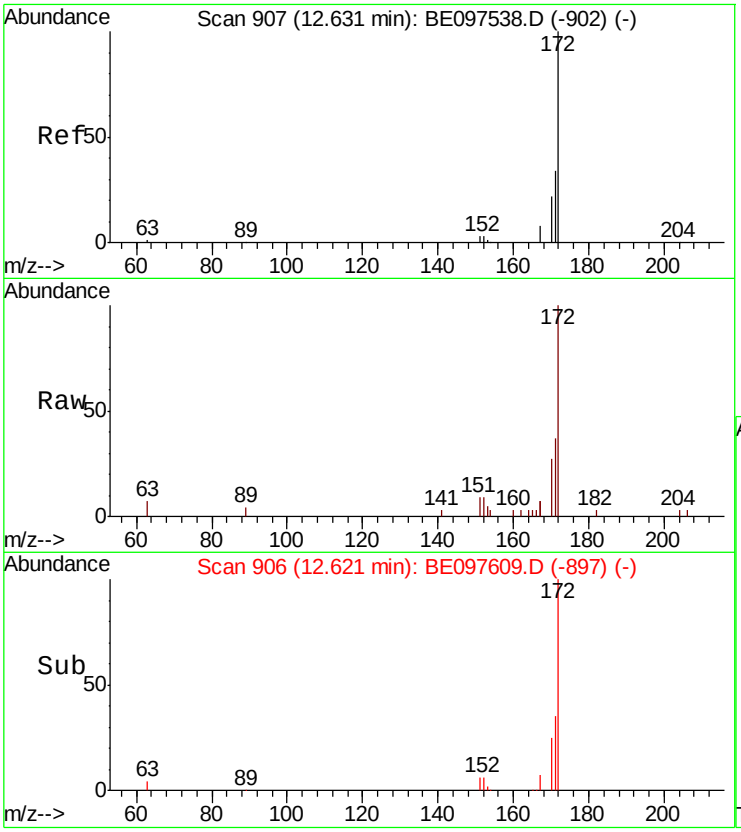


#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:330 Resp: 425

Ion	Ratio	Lower	Upper
330	100		
332	94.4	152.7	229.1#
141	35.1	33.7	50.5



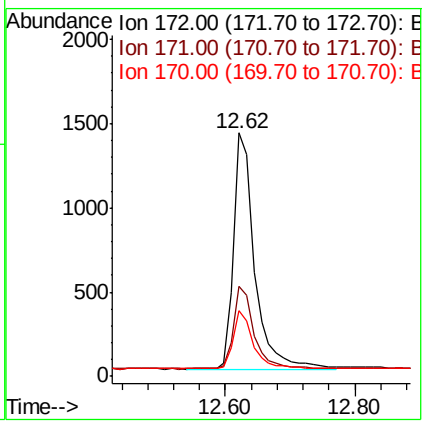


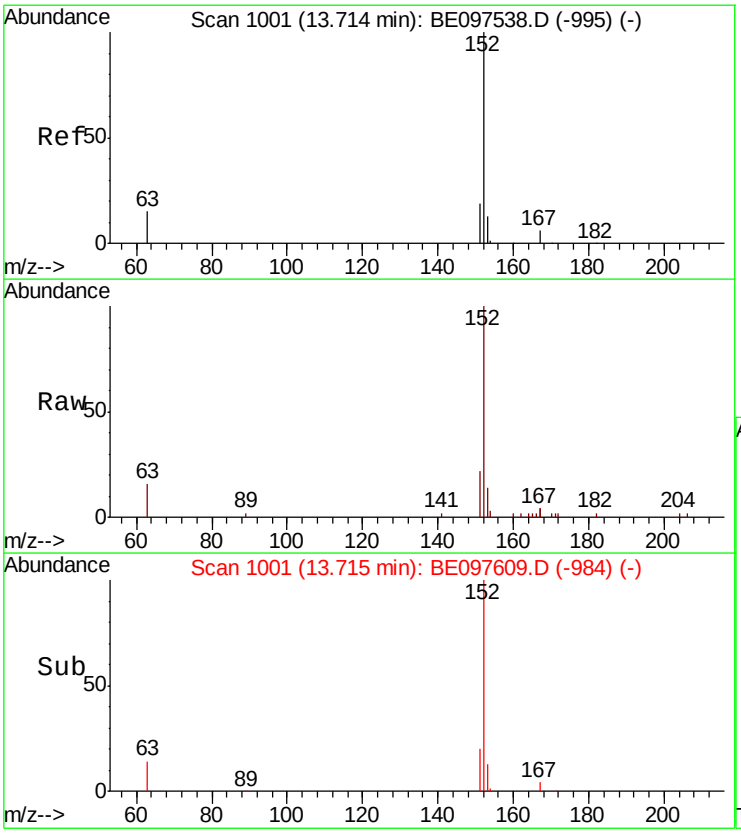
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3121

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	26.9	21.8	32.8

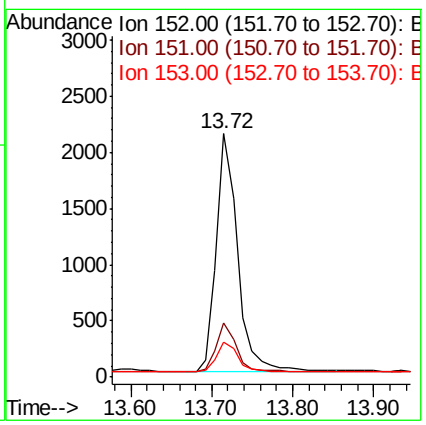


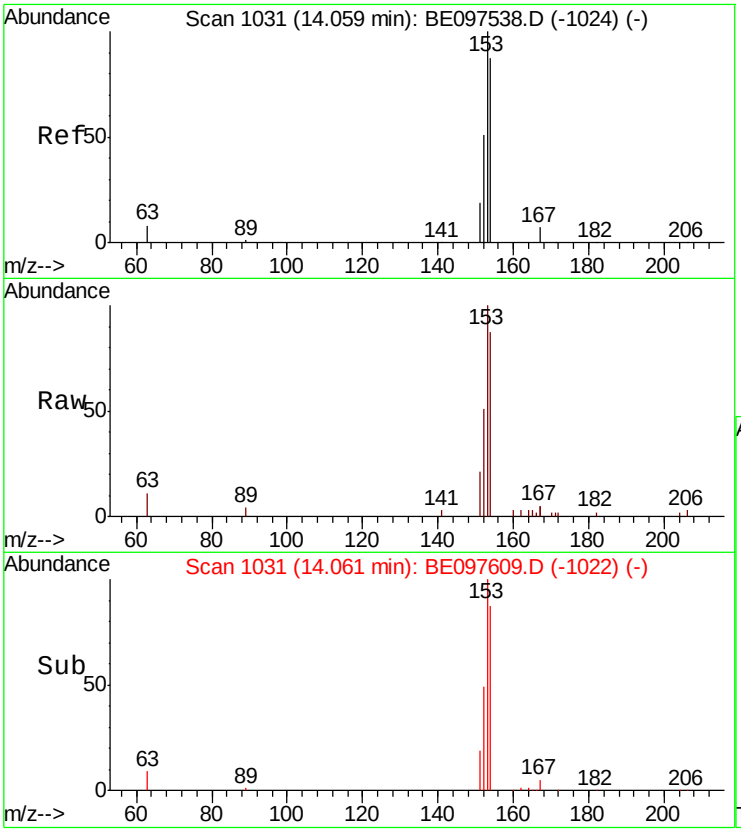


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.72 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:152 Resp: 3890

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.8	10.5	15.7



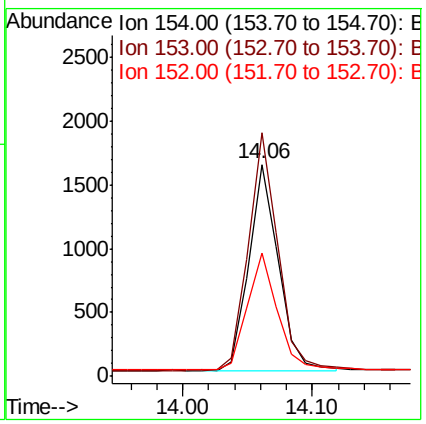


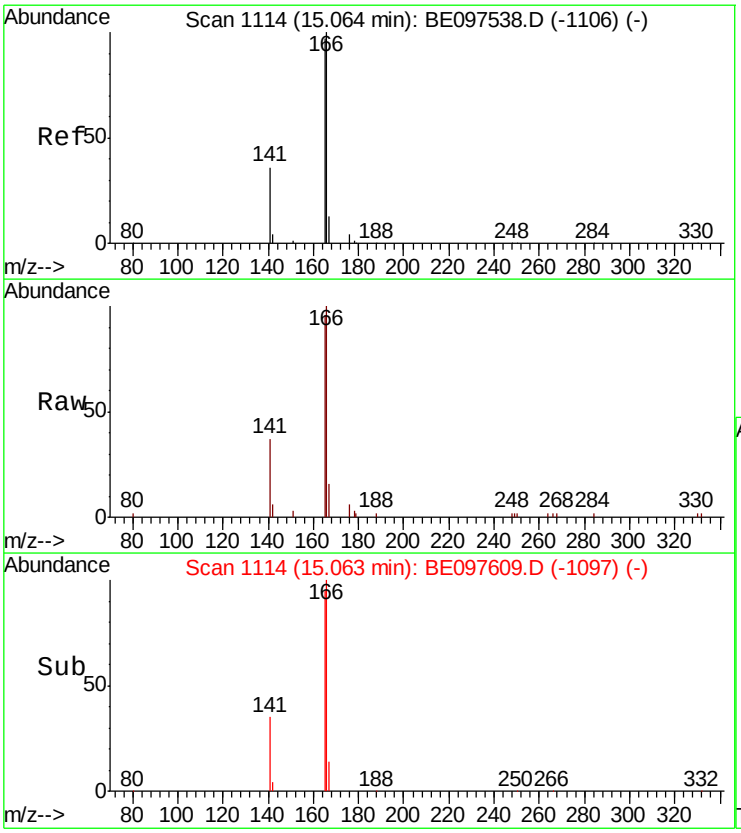
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2557

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.2	133.8
152	57.8	42.0	63.0

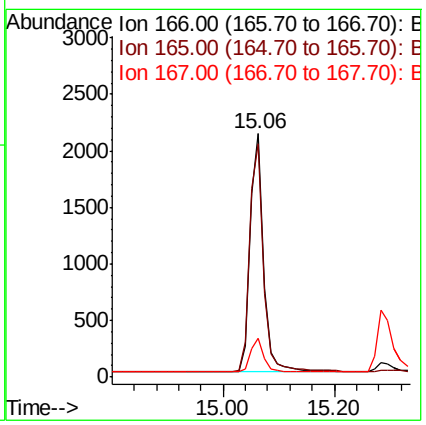


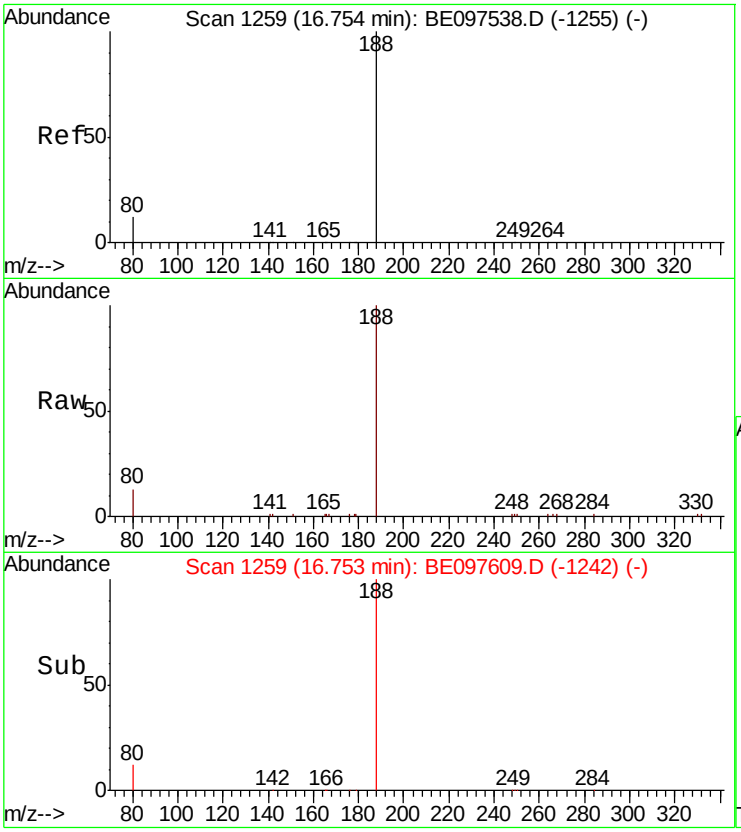


#18
Fluorene
Concen: 0.418 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:166 Resp: 3542

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.9	42.4	63.6#



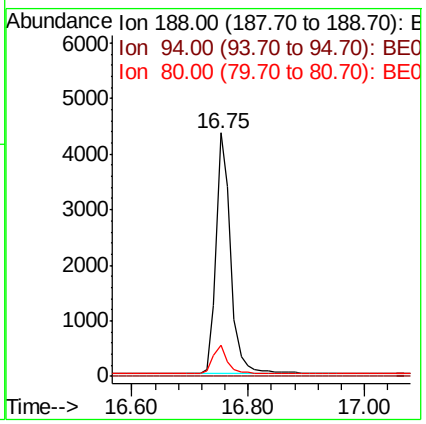


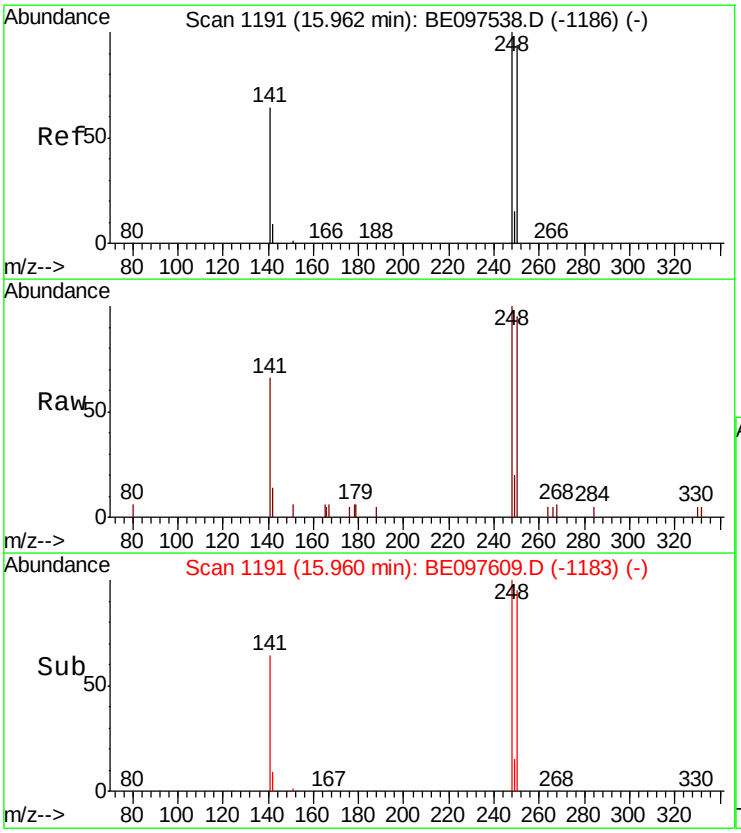
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7572

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.9	3.6	5.4#

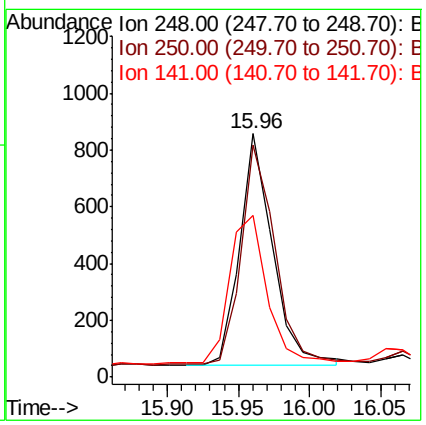


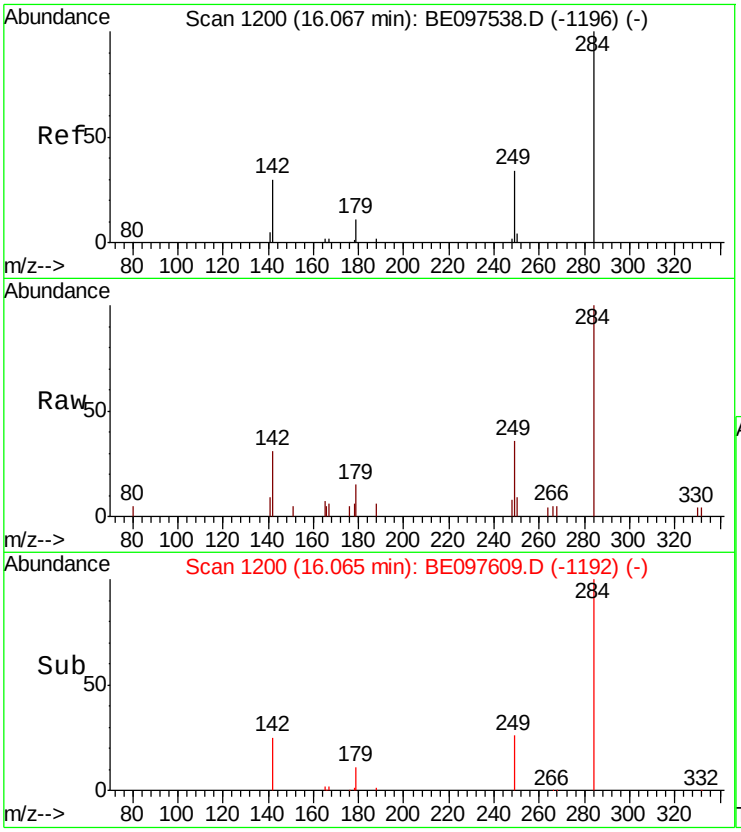


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:248 Resp: 1301

Ion	Ratio	Lower	Upper
248	100		
250	95.1	62.7	94.1#
141	66.4	48.2	72.2



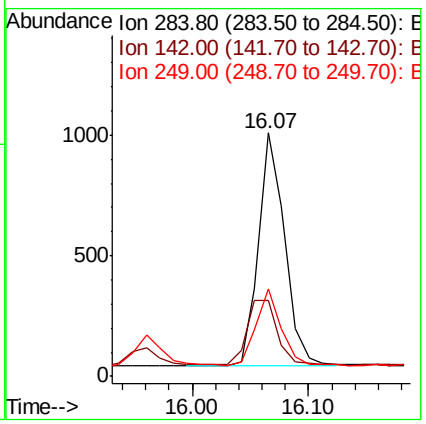


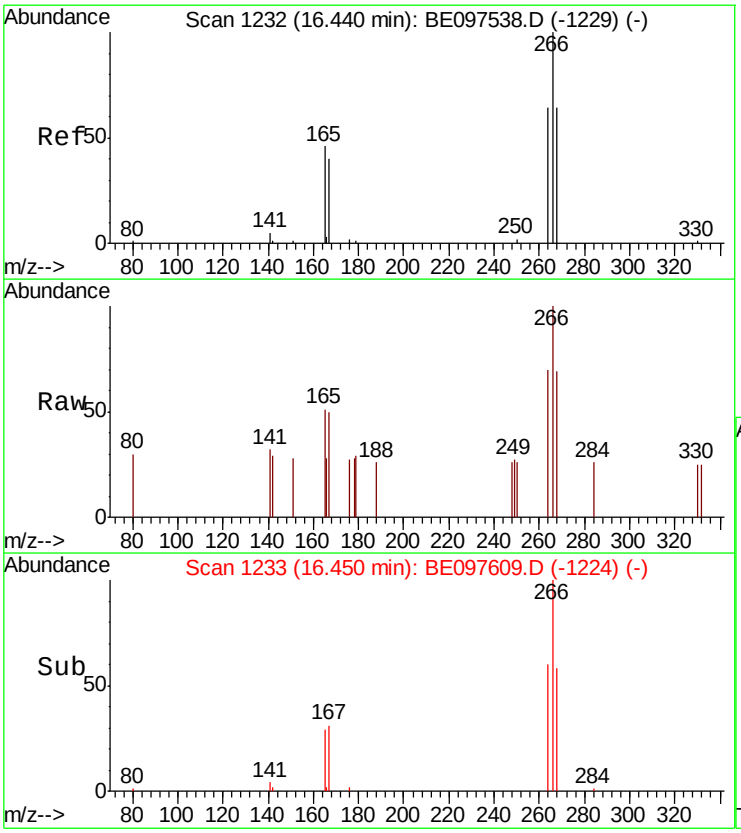
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1516

Ion	Ratio	Lower	Upper
284	100		
142	32.1	22.1	33.1
249	30.9	34.8	52.2#

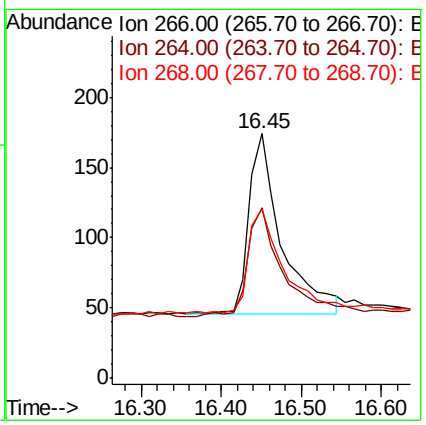


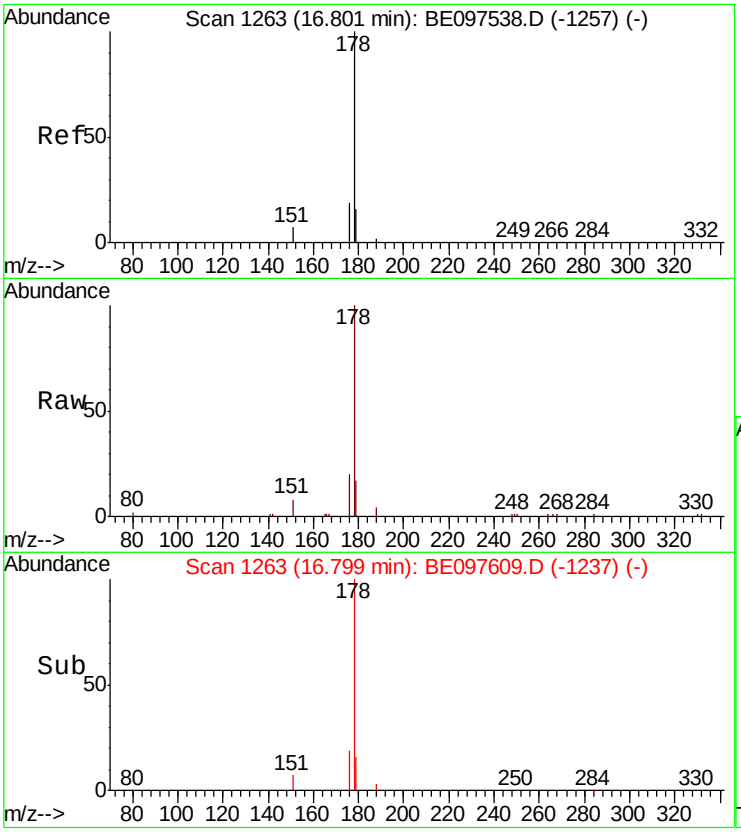


#22
Pentachlorophenol
Concen: 0.348 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:266 Resp: 368

Ion	Ratio	Lower	Upper
266	100		
264	69.5	72.5	108.7#
268	69.0	73.8	110.6#



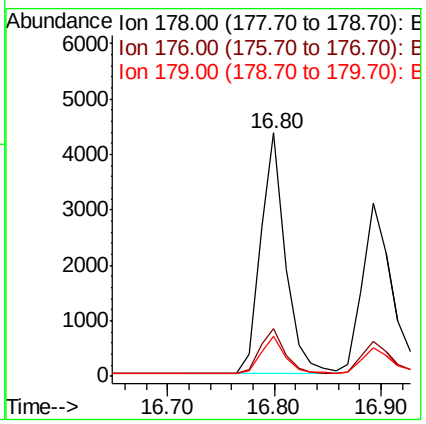


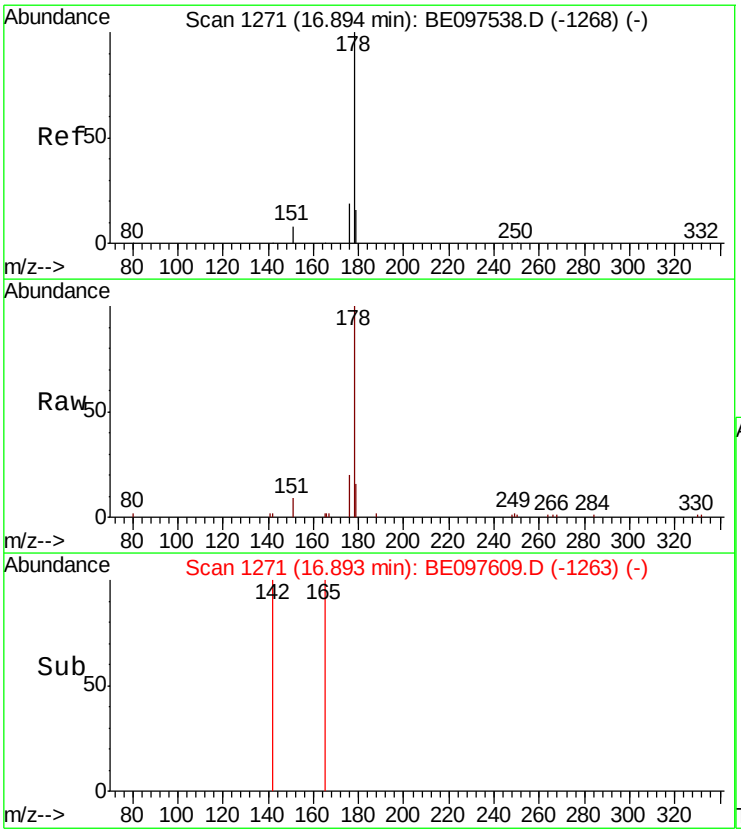
#23
Phenanthrene
Concen: 0.393 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7056

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	11.8	17.6

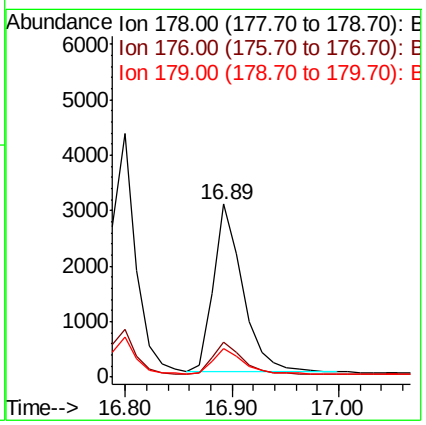


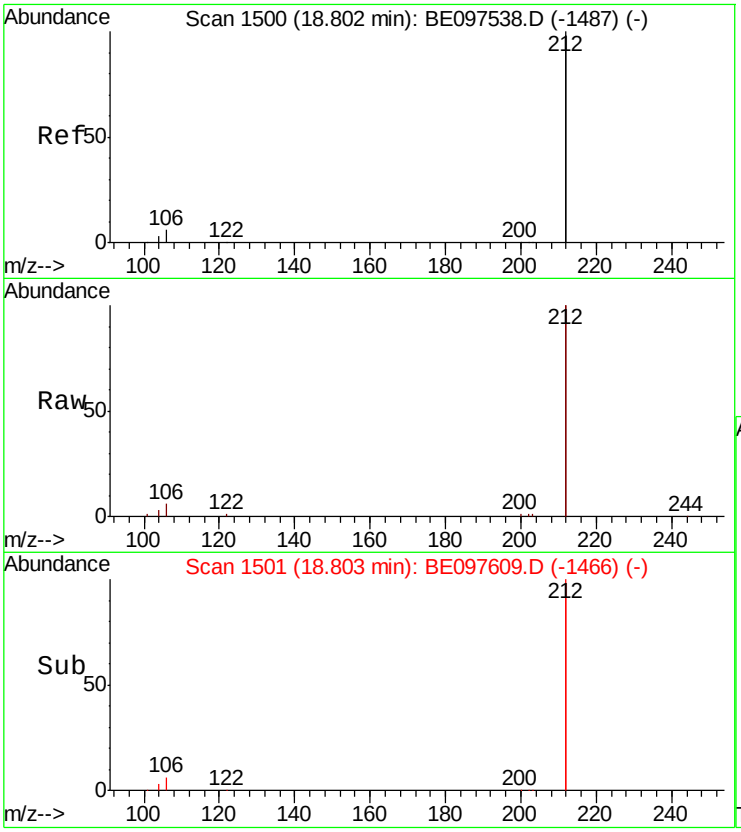


#24
Anthracene
Concen: 0.364 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:178 Resp: 5782

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.0	13.0	19.6



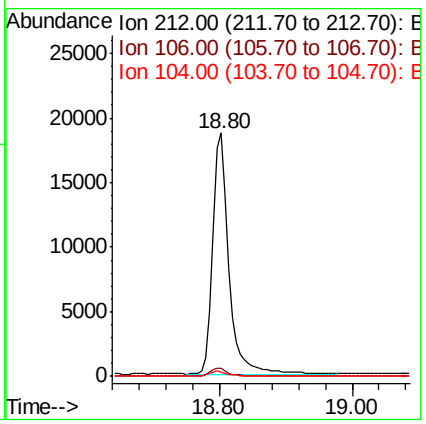


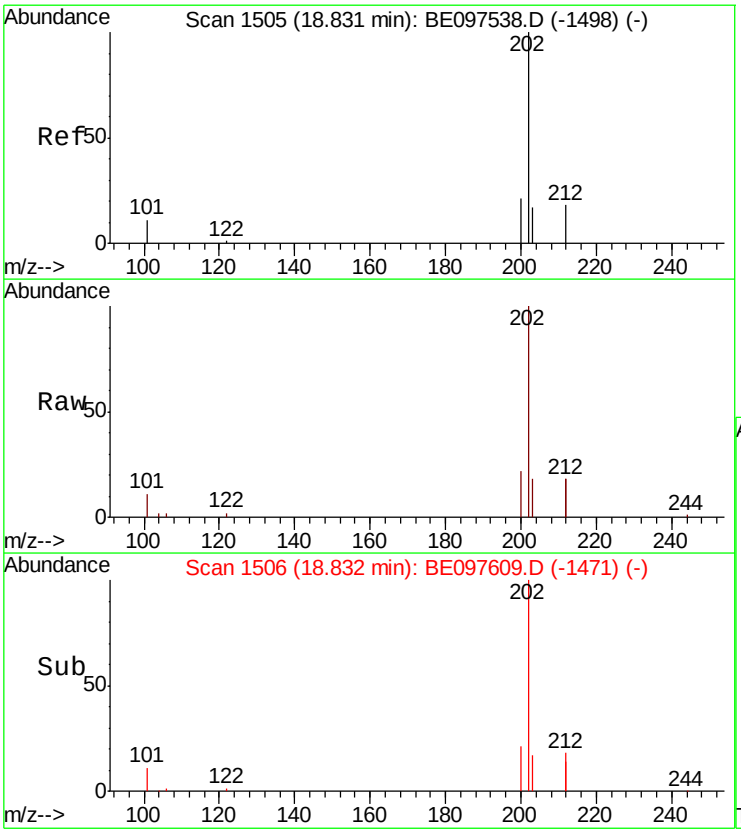
#25
Fluoranthene-d10
Concen: 0.324 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 31442

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

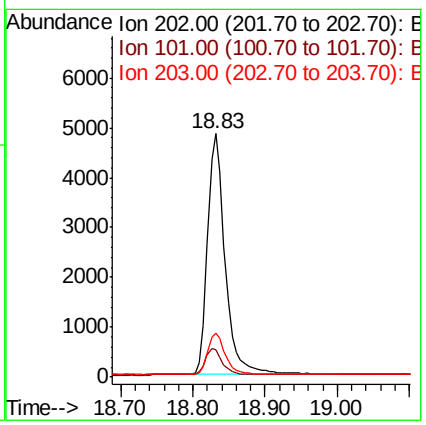


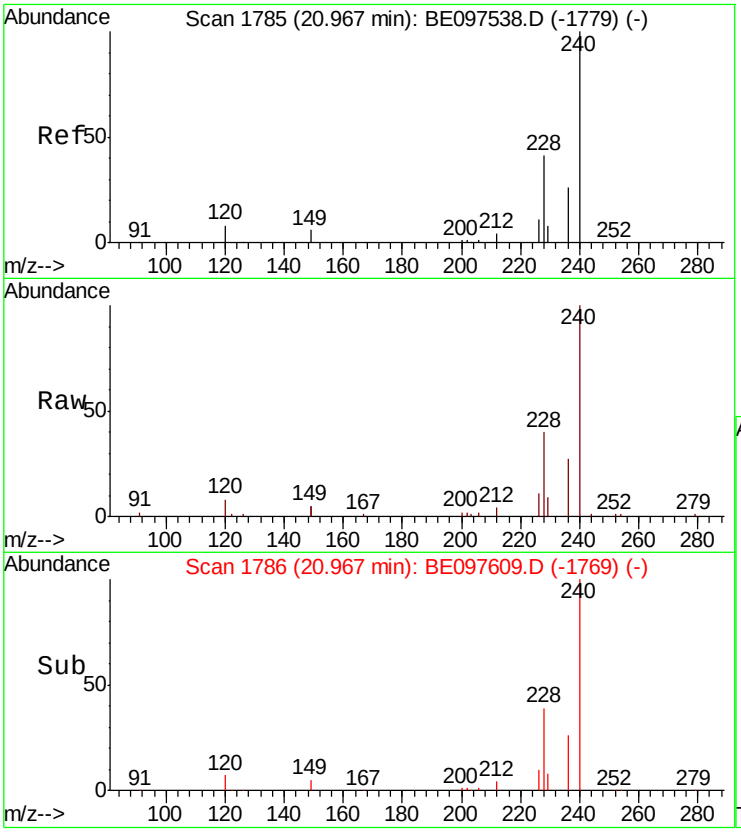


#26
Fluoranthene
Concen: 0.329 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:202 Resp: 8211

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
203	17.2	13.7	20.5



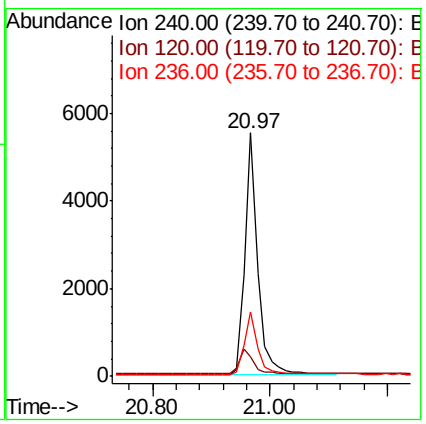


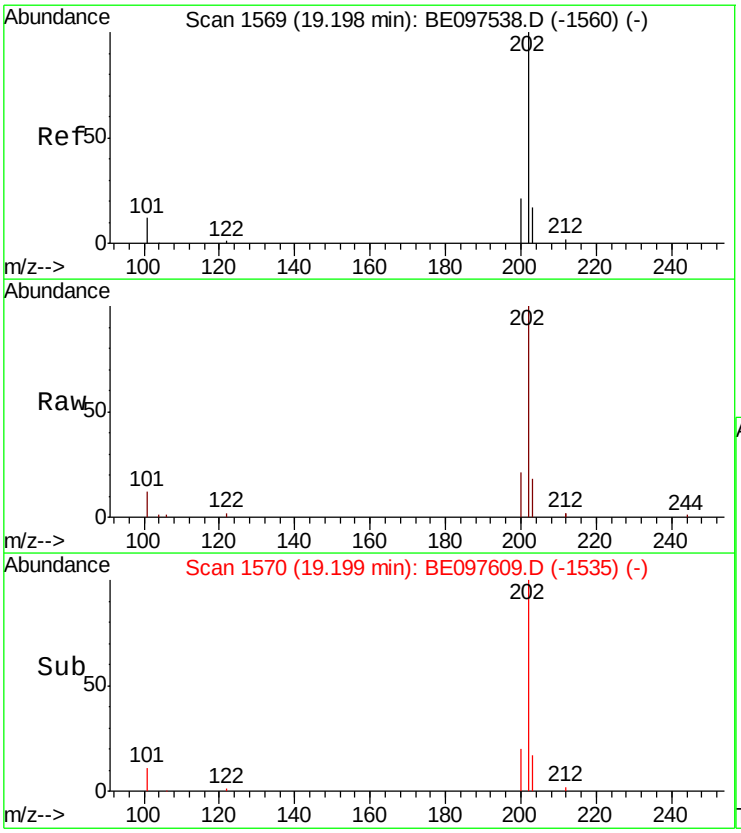
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8400

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.5	8.3
236	26.6	20.7	31.1

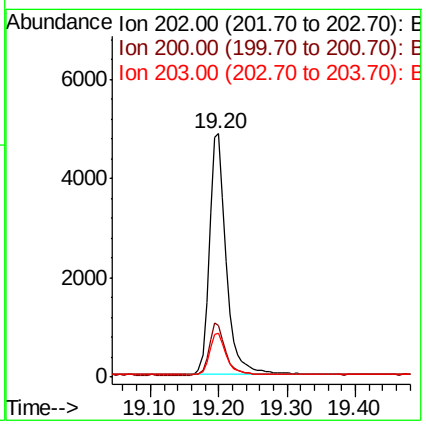


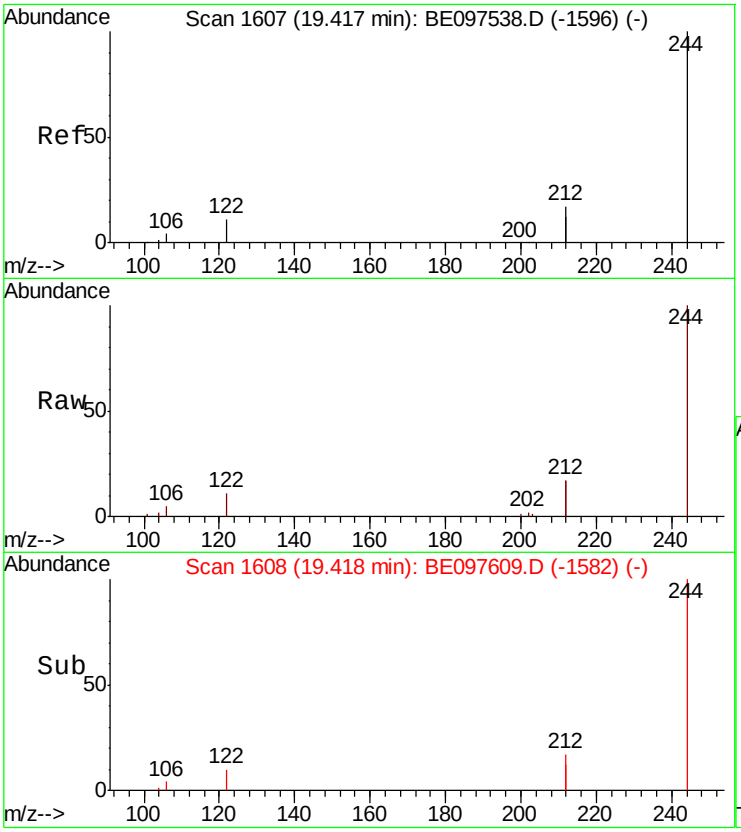


#28
Pyrene
Concen: 0.441 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:202 Resp: 8429

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.5	13.8	20.8



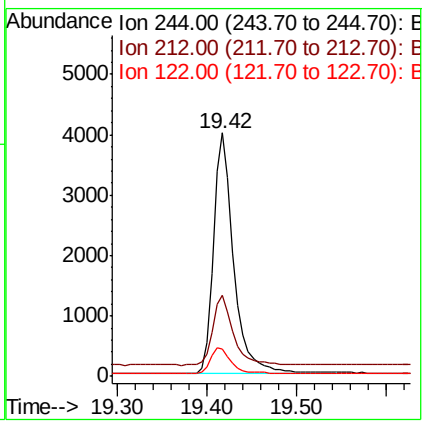


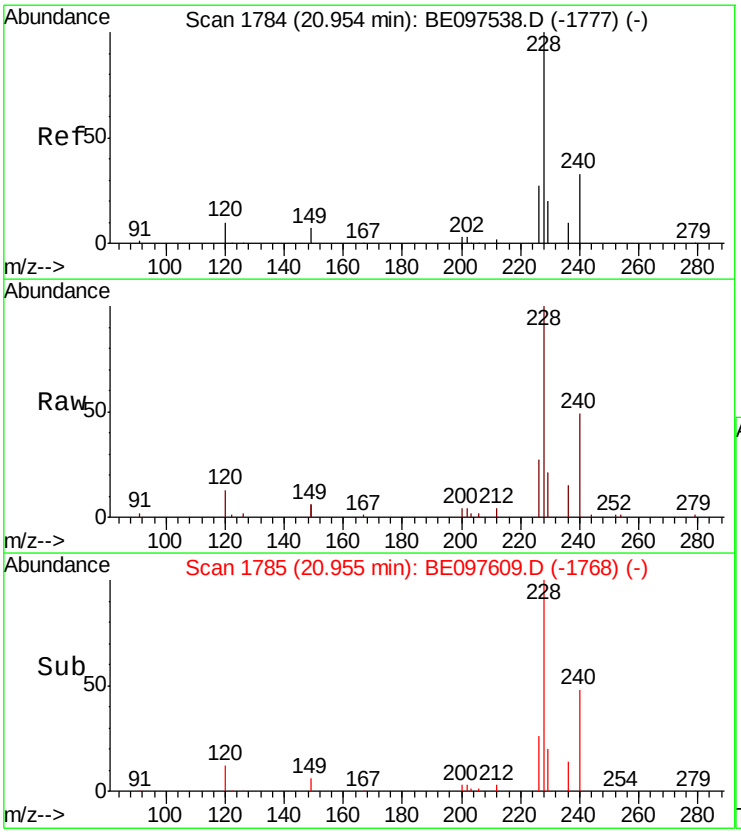
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.42 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6252

Ion	Ratio	Lower	Upper
244	100		
212	33.2	25.4	38.0
122	11.2	8.1	12.1

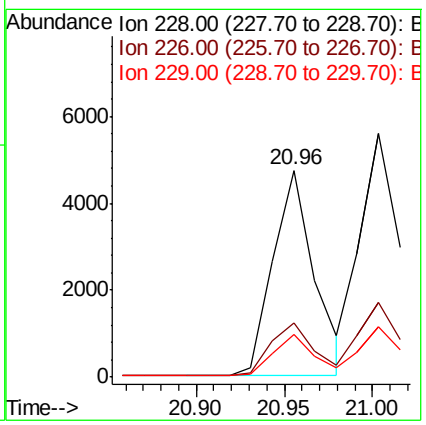


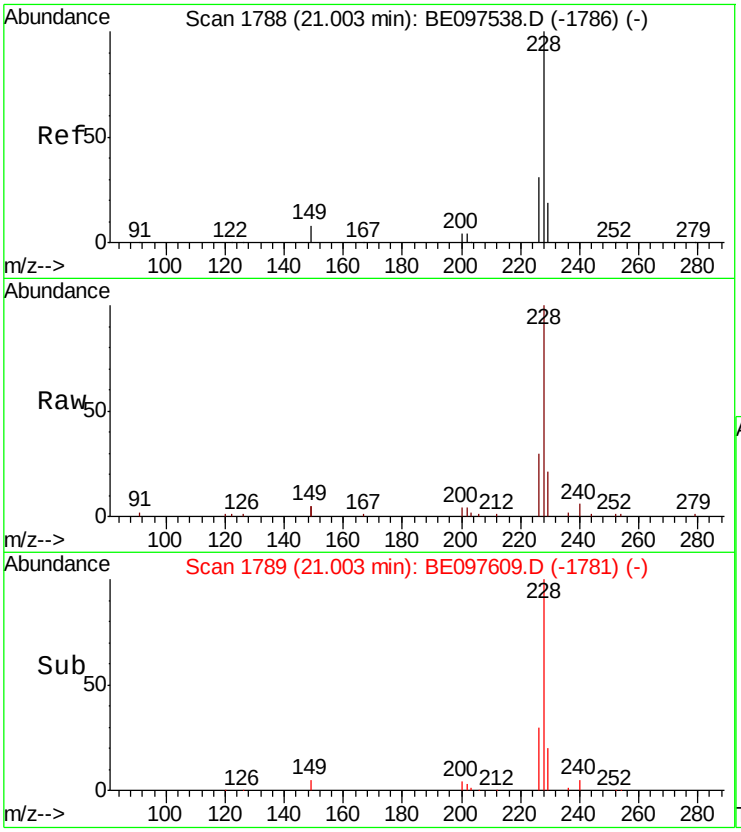


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 20.96 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:228 Resp: 7678

Ion	Ratio	Lower	Upper
228	100		
226	26.5	24.0	36.0
229	20.7	16.0	24.0



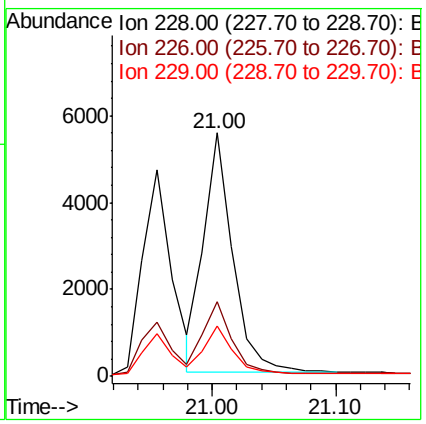


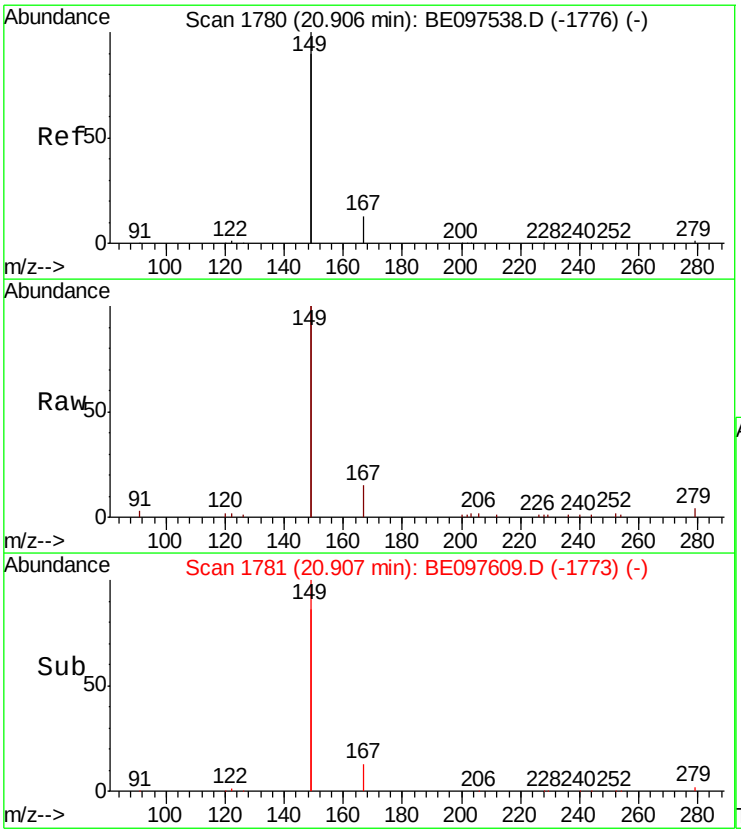
#31
Chrysene
Concen: 0.397 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9014

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.9	16.0	24.0

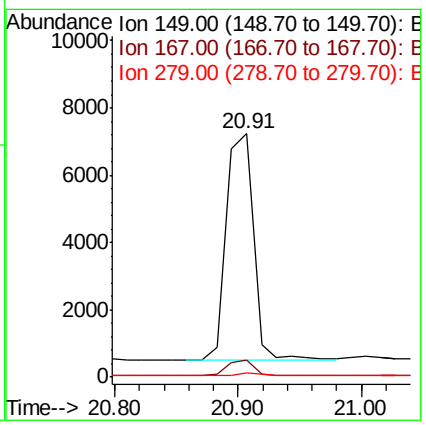


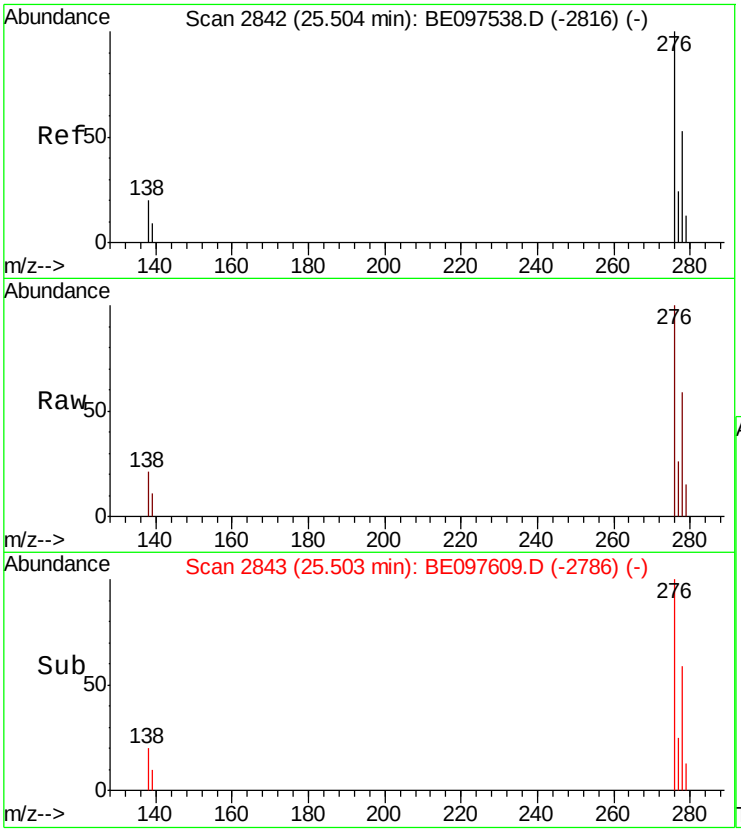


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.304 ng
RT: 20.91 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:149 Resp: 10431

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



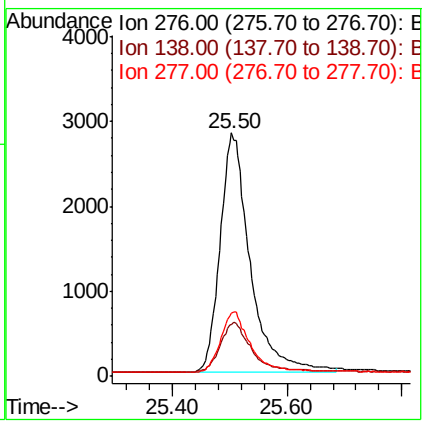


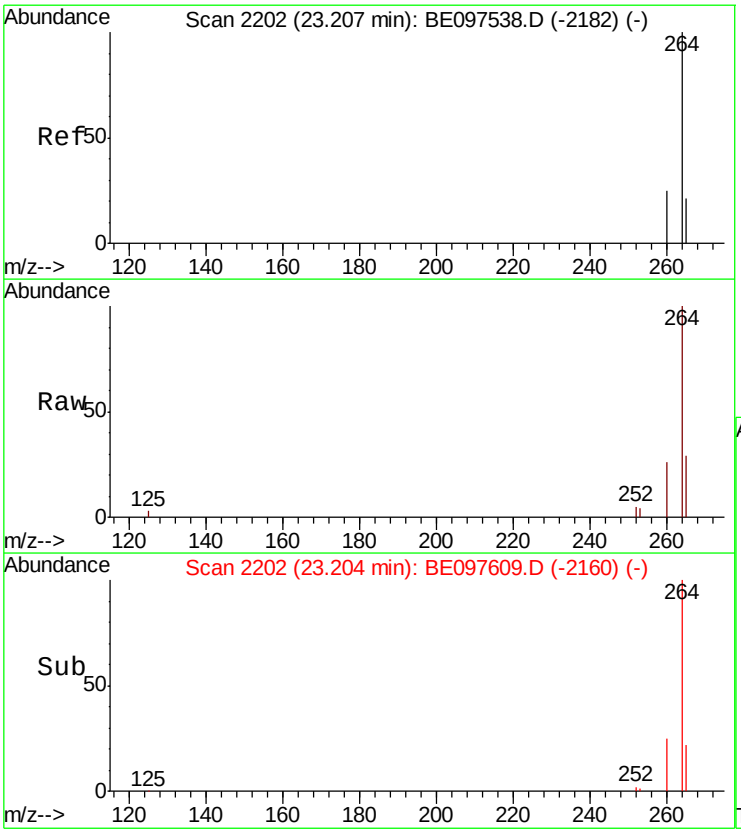
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.50 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10273

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.5	33.7#
277	24.8	19.9	29.9

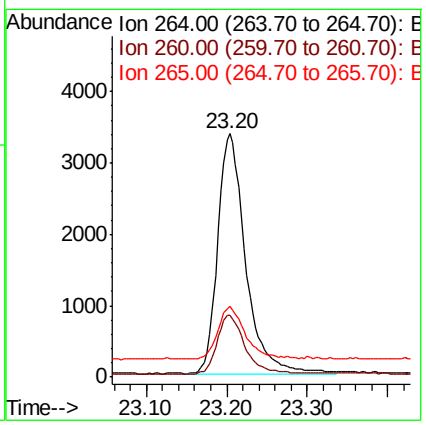


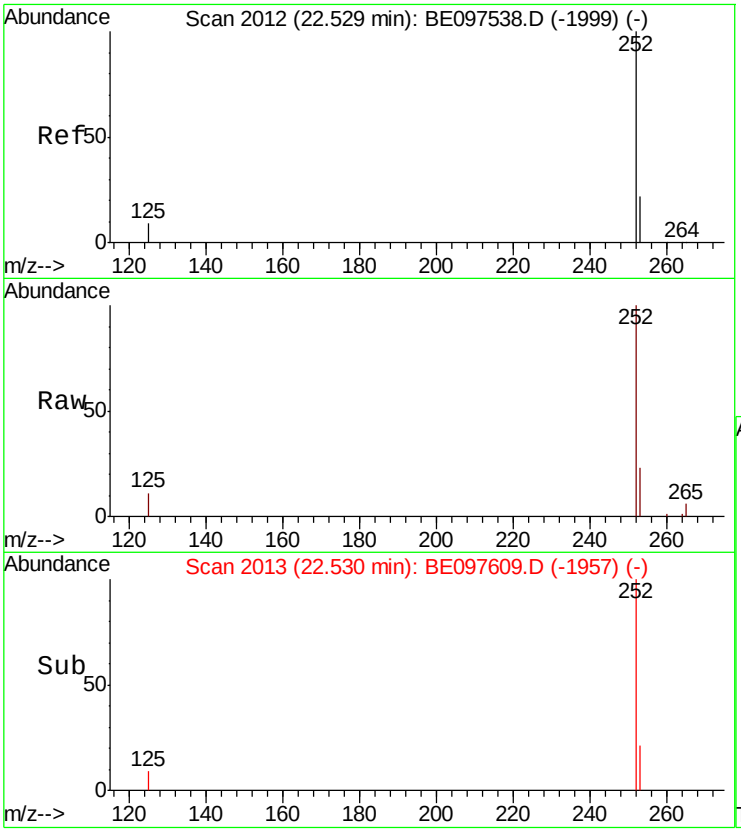


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:264 Resp: 8067

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	29.1	22.8	34.2



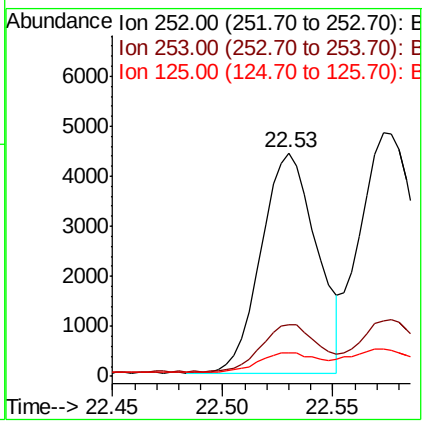


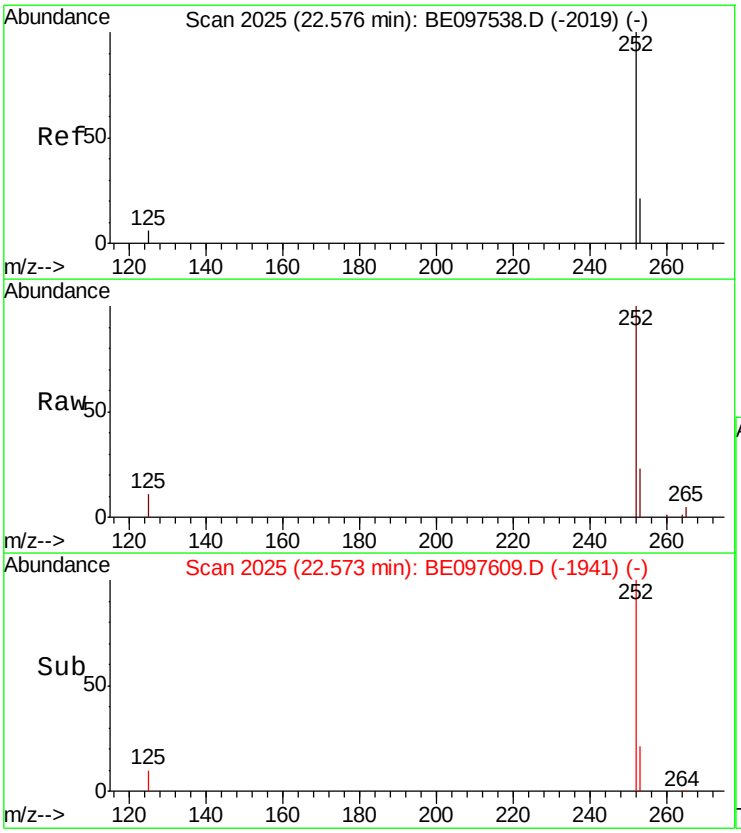
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7682

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	10.6	16.0	24.0#

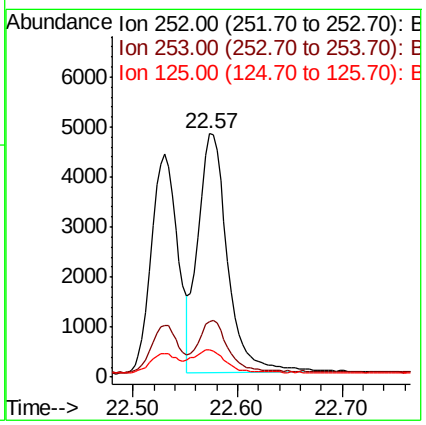


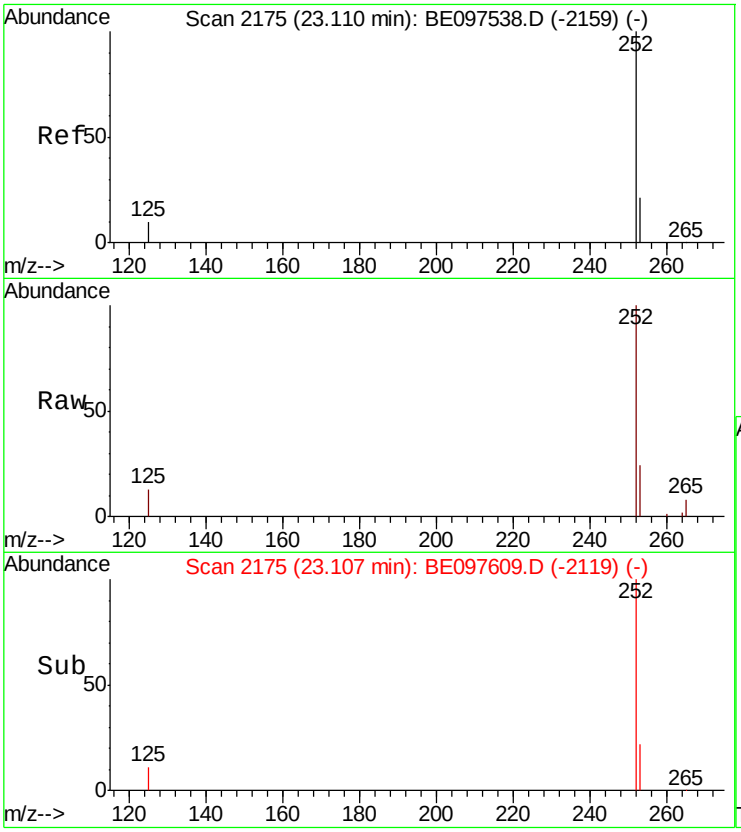


#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 22.57 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:252 Resp: 9366

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	11.4	8.0	12.0



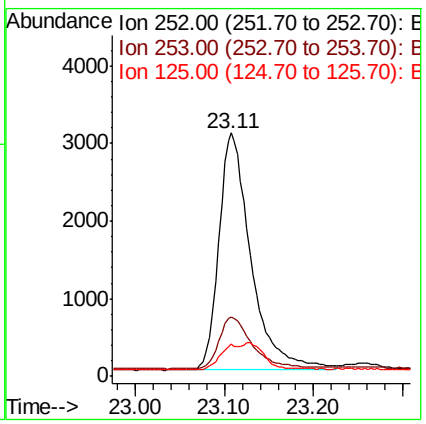


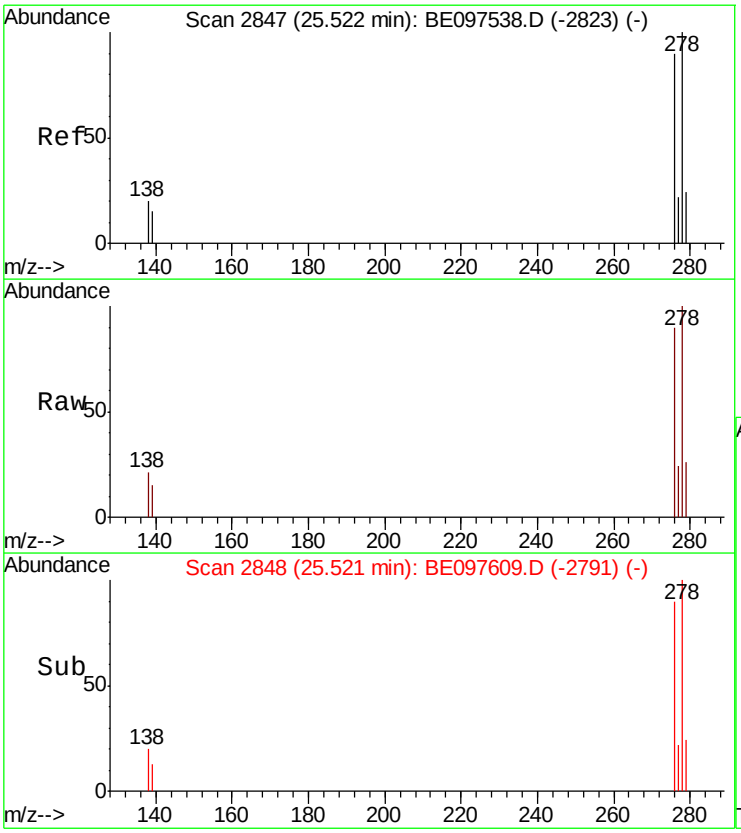
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7727

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	13.1	12.0	18.0

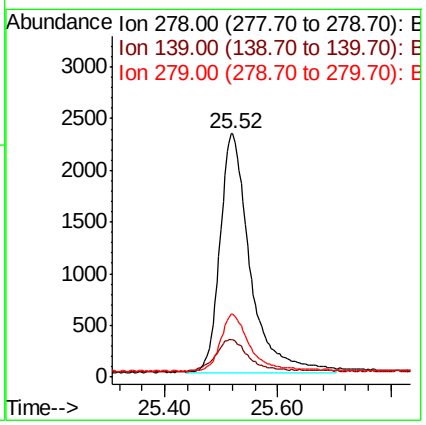


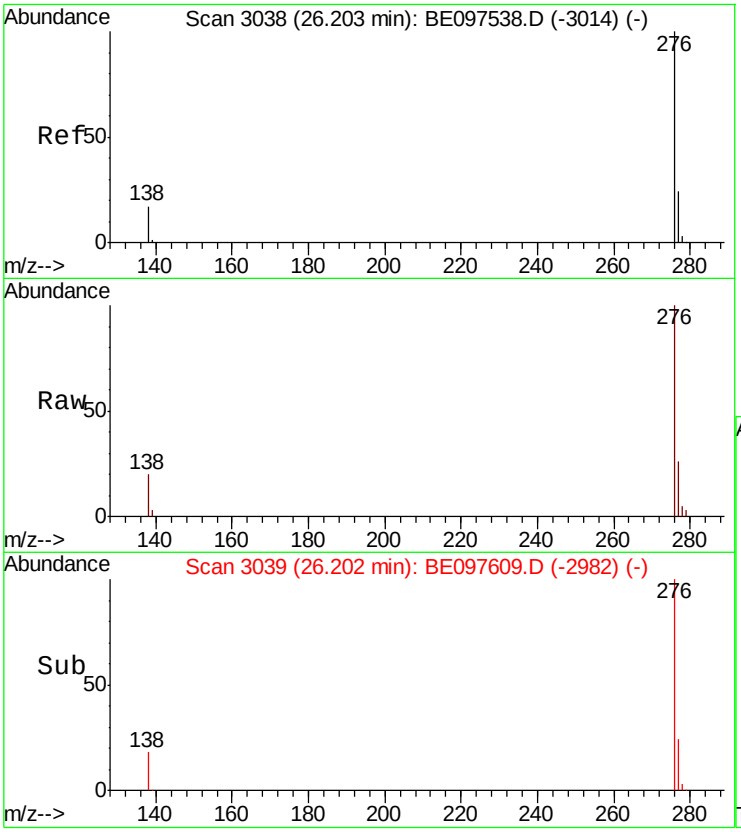


#38
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Tgt Ion:278 Resp: 8494

Ion	Ratio	Lower	Upper
278	100		
139	15.2	16.0	24.0#
279	25.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 26.20 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BE097609.D
Acq: 21 Sep 2018 13:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8325

Ion	Ratio	Lower	Upper
276	100		
277	25.5	16.0	24.0#
138	19.8	20.0	30.0#