Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097905.D
Acq On : 16 Oct 2018 11:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 16 15:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2110	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	9348	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	5967	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	15570	0.40	ng		0.00
27) Chrysene-d12	21.49	240	19787	0.40	ng		0.00
34) Perylene-d12	24.04	264	19990	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2573	0.39	ng		0.00
5) Phenol-d6	7.06	99	3921	0.40	ng		0.00
8) Nitrobenzene-d5	9.04	82	3327	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	6104	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.05	330	1168	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.17	172	9221	0.38	ng		0.00
25) Fluoranthene-d10	19.33	212	79174	0.38	ng		0.00
29) Terphenyl-d14	19.93	244	30024	0.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1298	0.353	ng		95
3) n-Nitrosodimethylamine	3.69	42	1487	0.362	ng	#	91
6) bis(2-Chloroethyl)ether	7.30	93	3143	0.376	ng		98
9) Naphthalene	10.74	128	36673	0.394	ng		100
10) Hexachlorobutadiene	11.03	225	1965	0.392	ng		97
12) 2-Methylnaphthalene	12.37	142	6235	0.391	ng		97
16) Acenaphthylene	14.27	152	10489	0.380	ng		99
17) Acenaphthene	14.61	154	6575	0.390	ng		98
18) Fluorene	15.59	166	8684	0.375	ng		100
20) 4-Bromophenyl-phenylether	16.49	248	3269	0.384	ng		97
21) Hexachlorobenzene	16.60	284	3238	0.387	ng		99
22) Pentachlorophenol	16.97	266	1010	0.483	ng		96
23) Phenanthrene	17.34	178	14674	0.371	ng		99
24) Anthracene	17.43	178	14136	0.378	ng		100
26) Fluoranthene	19.36	202	19411	0.374	ng		98
28) Pyrene	19.72	202	20987	0.368	ng		100
30) Benzo(a)anthracene	21.46	228	23129	0.381	ng		99
31) Chrysene	21.52	228	21969	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.39	149	66808	0.502	ng		99
33) Indeno(1,2,3-cd)pyrene	26.75	276	25632	0.406	ng		100
35) Benzo(b)fluoranthene	23.26	252	21991	0.382	ng		98
36) Benzo(k)fluoranthene	23.26	252	21991	0.367	ng		97
37) Benzo(a)pyrene	23.93	252	21881	0.390	ng		96
38) Dibenzo(a,h)anthracene	26.77	278	21489	0.391	ng		99
39) Benzo(g,h,i)perylene	27.58	276	21514	0.382	ng		100

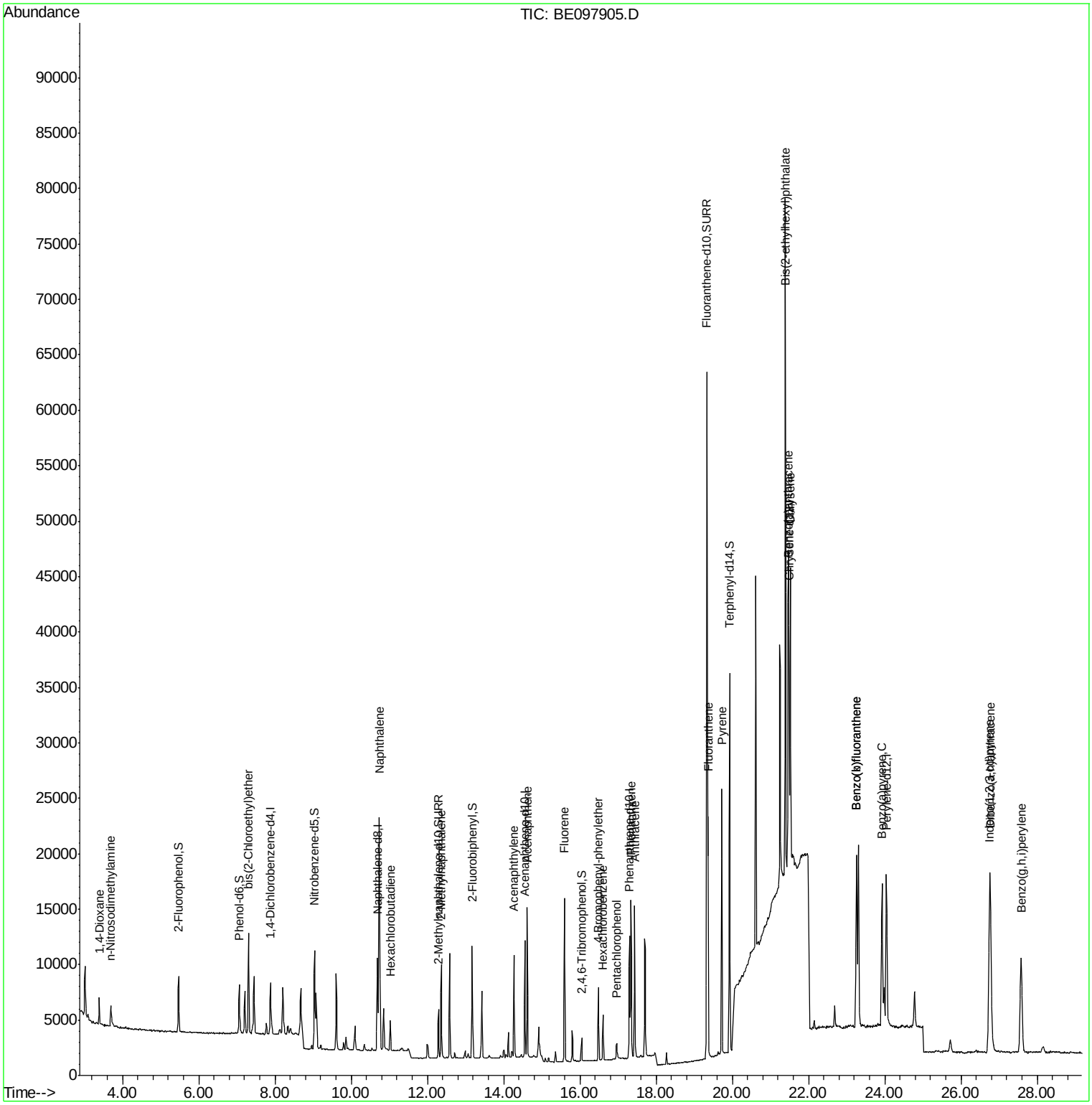
(#) = qualifier out of range (m) = manual integration (+) = signals summed

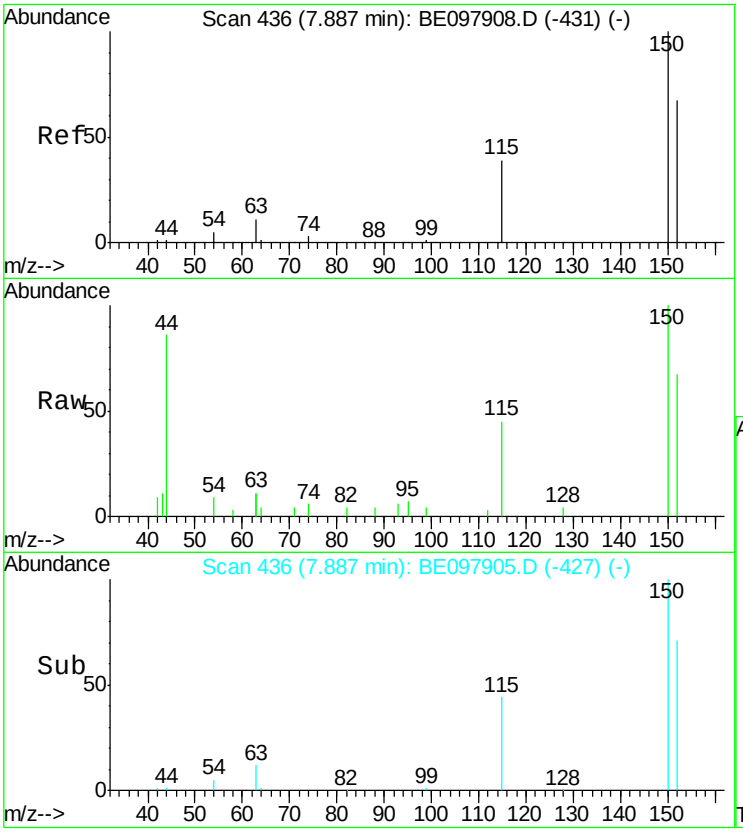
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097905.D
Acq On : 16 Oct 2018 11:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 16 15:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



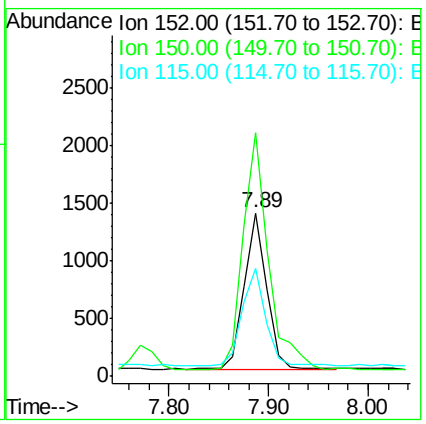


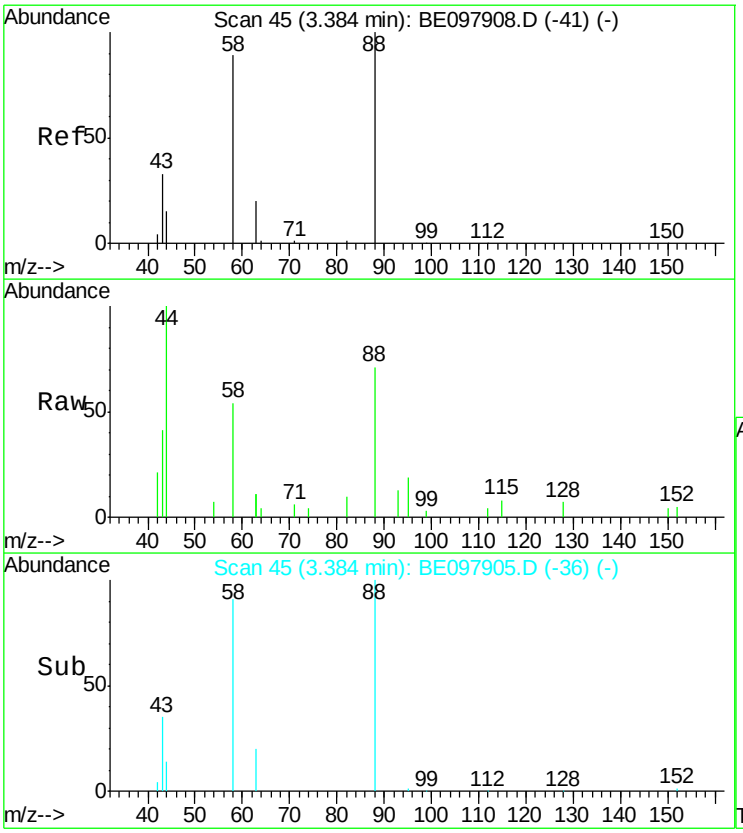
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2110

Ion	Ratio	Lower	Upper
152	100		
150	148.9	118.2	177.4
115	66.4	50.9	76.3

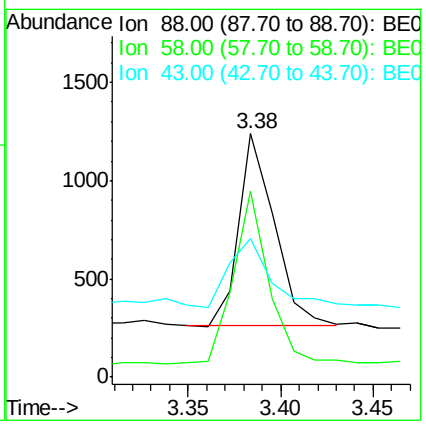


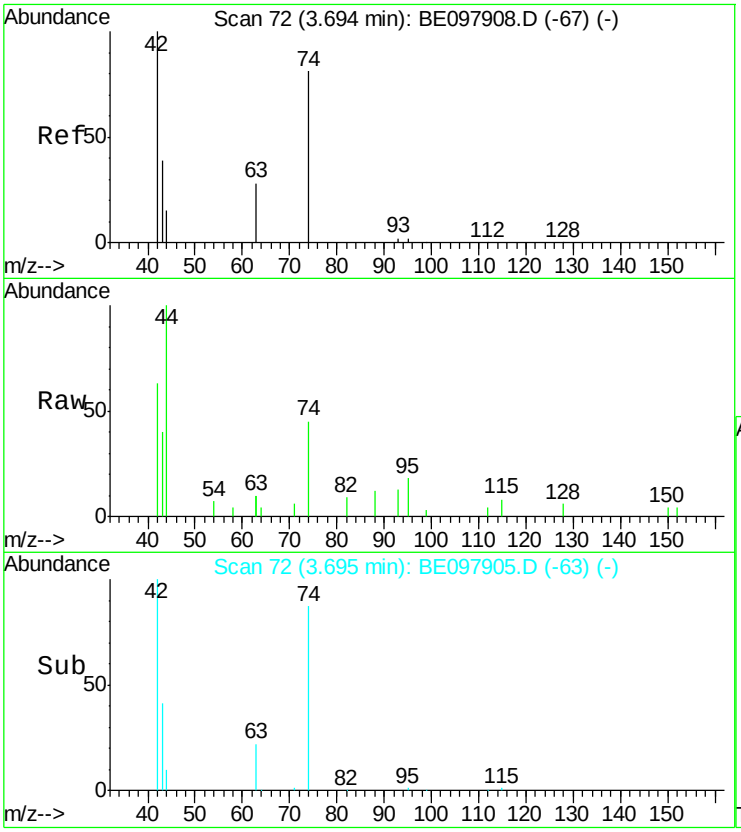


#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion: 88 Resp: 1298

Ion	Ratio	Lower	Upper
88	100		
58	89.5	73.2	109.8
43	39.6	36.9	55.3



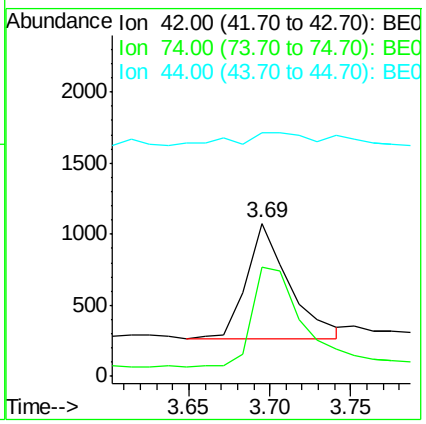


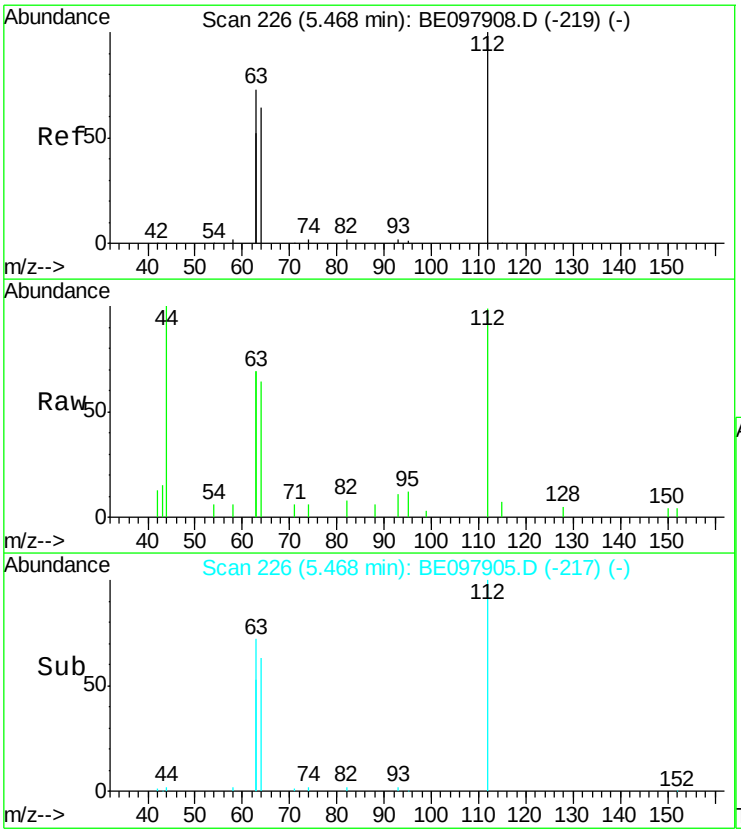
#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1487

Ion	Ratio	Lower	Upper
42	100		
74	103.4	77.6	116.4
44	23.7	7.6	11.4#

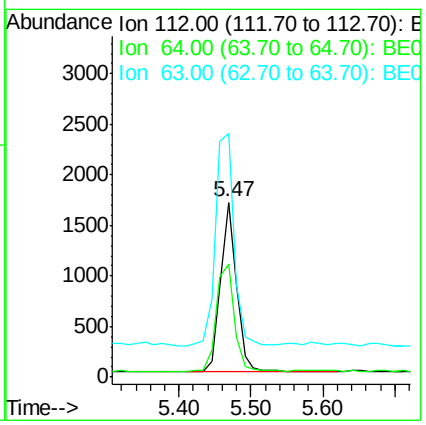


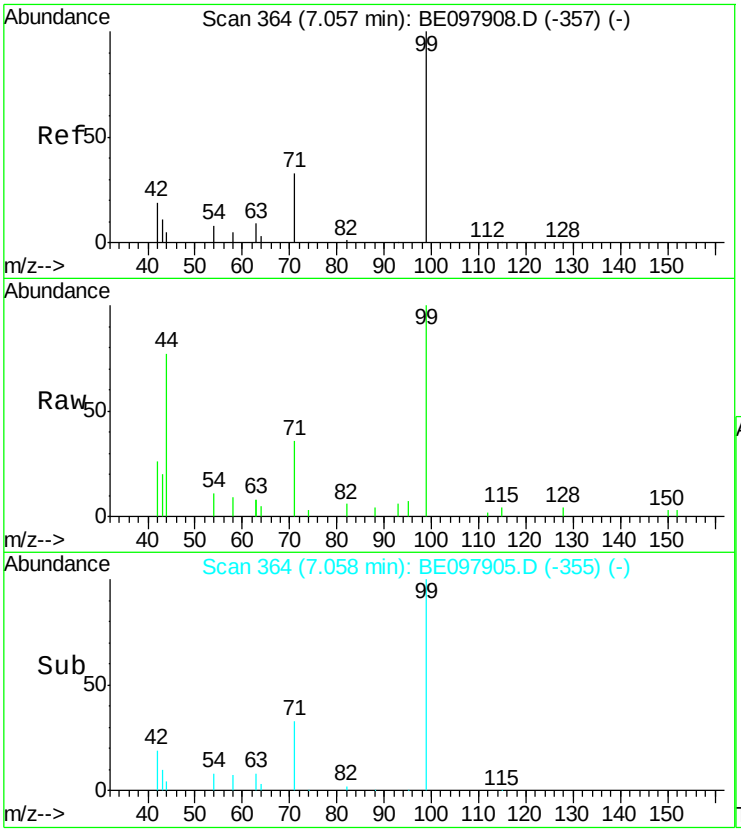


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:112 Resp: 2573

Ion	Ratio	Lower	Upper
112	100		
64	71.8	58.9	88.3
63	146.8	120.3	180.5



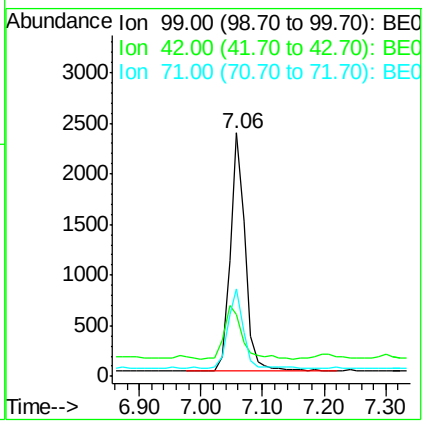


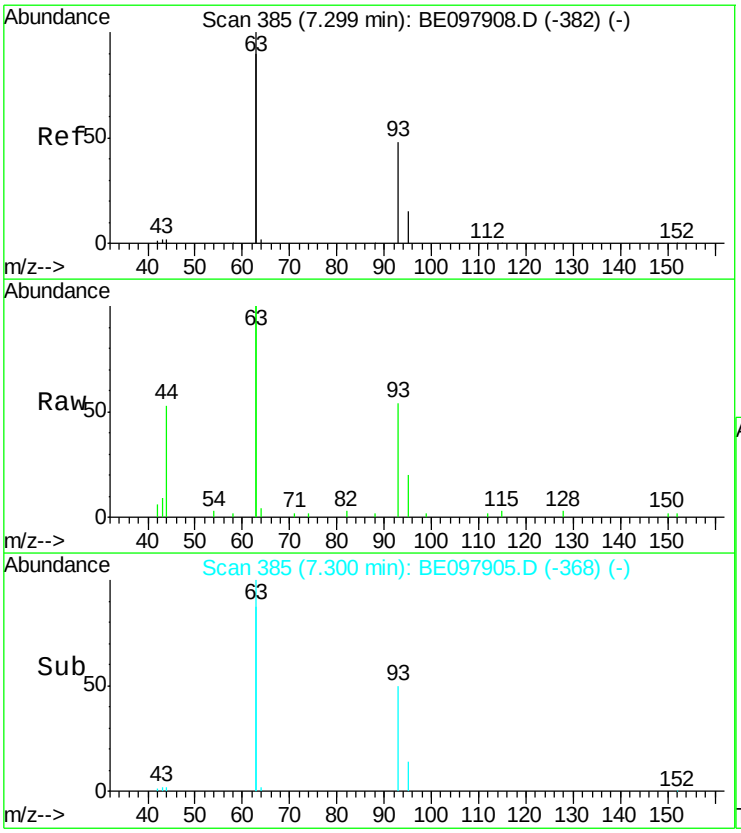
#5
Phenol-d6
Concen: 0.399 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3921

Ion	Ratio	Lower	Upper
99	100		
42	27.4	19.9	29.9
71	34.9	27.8	41.8

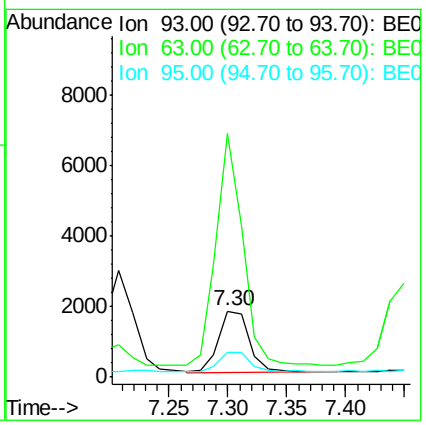


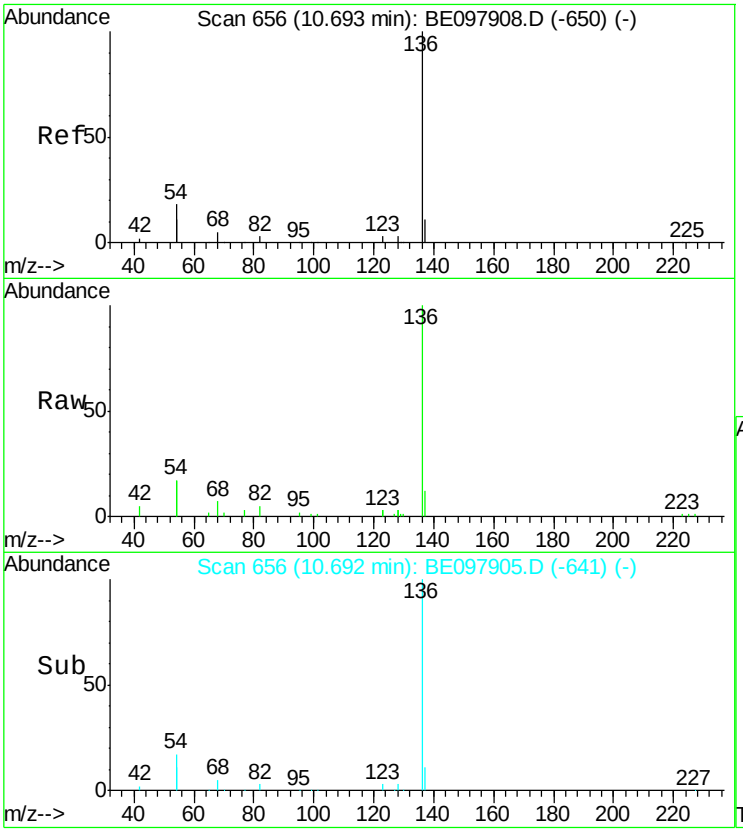


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion: 93 Resp: 3143

Ion	Ratio	Lower	Upper
93	100		
63	327.1	259.0	388.4
95	31.8	27.8	41.8



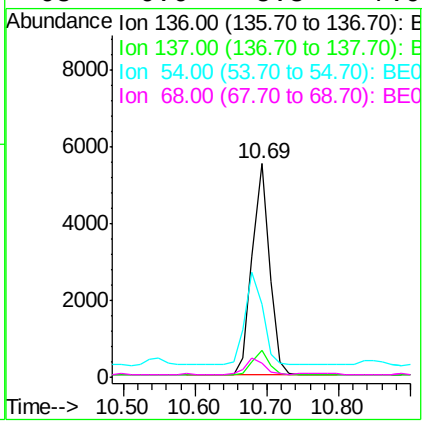


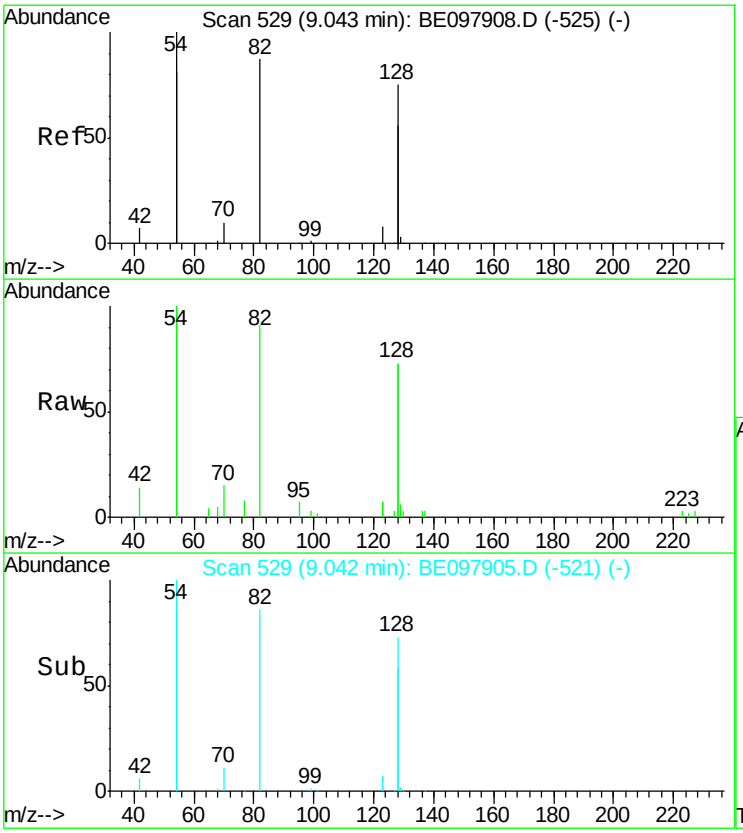
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 9348

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	34.3	27.7	41.5
68	6.6	5.3	7.9

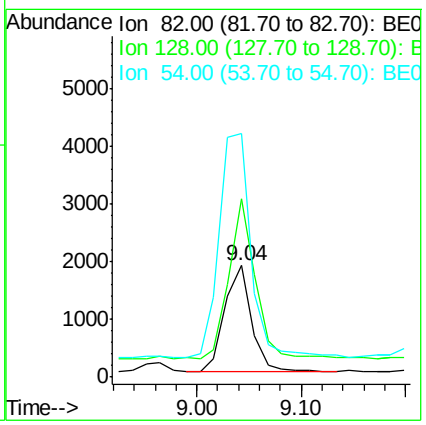


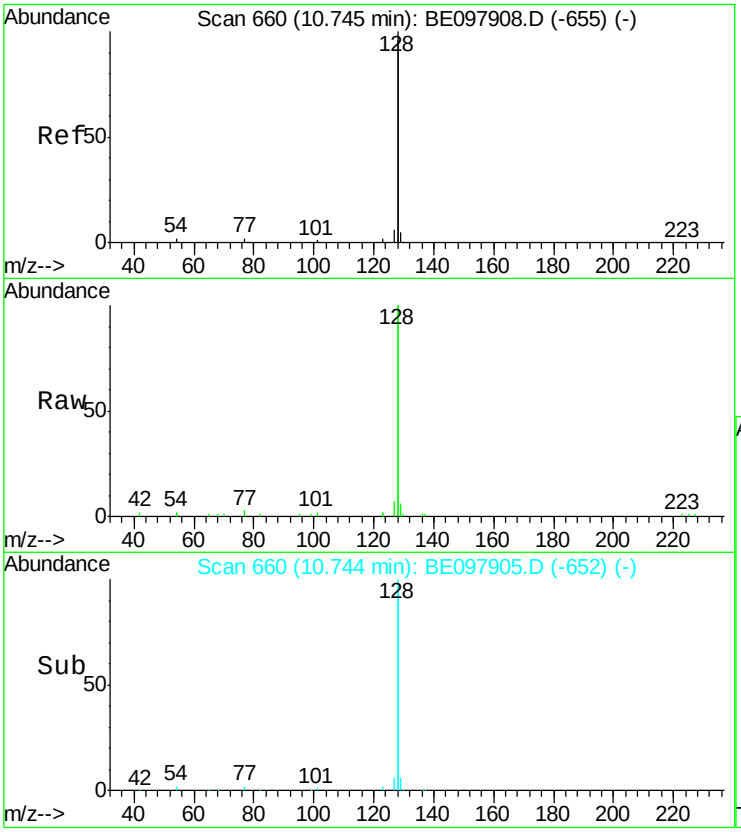


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion: 82 Resp: 3327

Ion	Ratio	Lower	Upper
82	100		
128	160.2	129.9	194.9
54	219.0	174.0	261.0



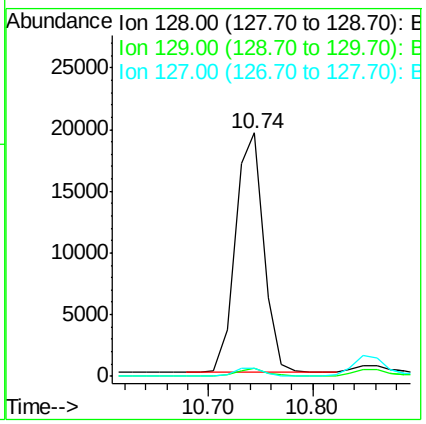


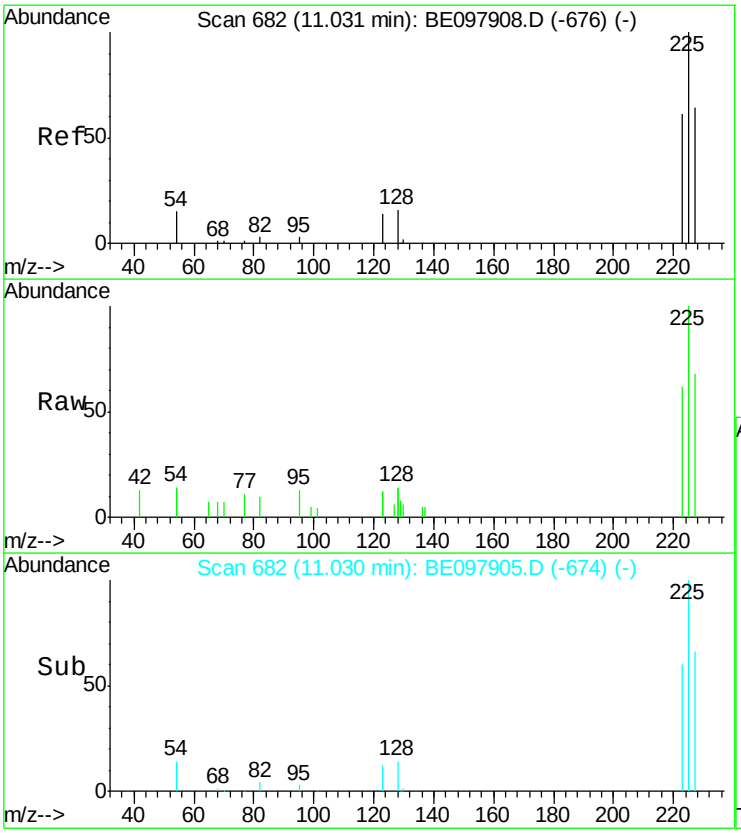
#9
Naphthalene
Concen: 0.394 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 36673

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.5	2.8	4.2

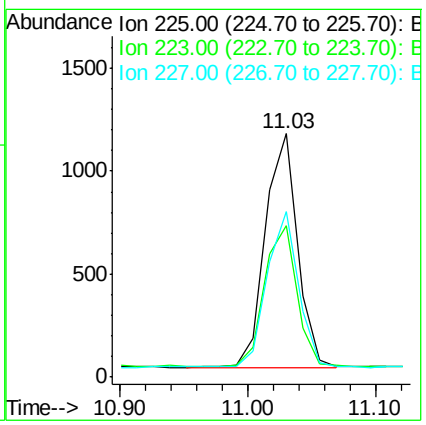


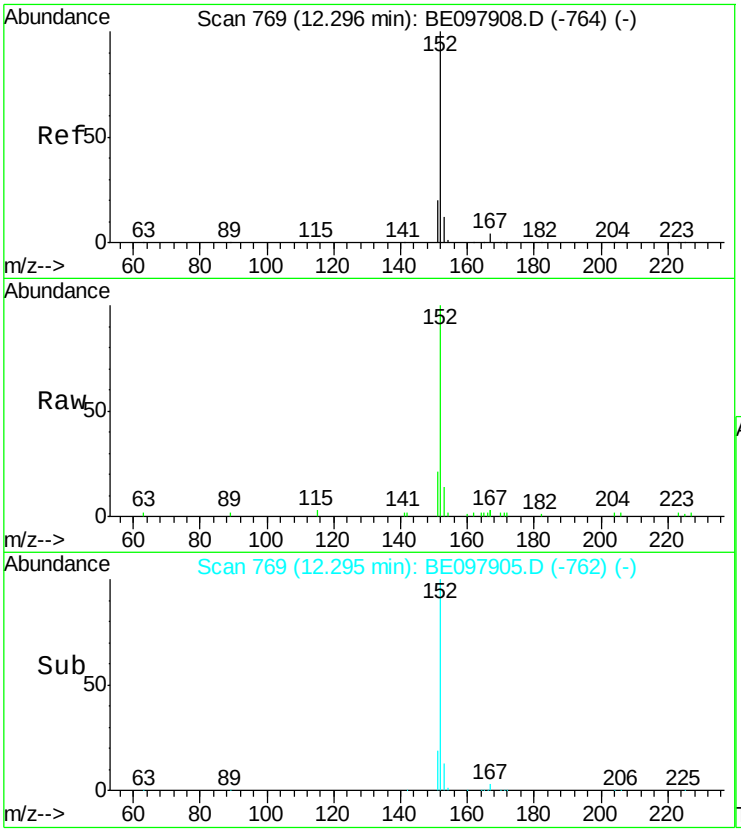


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:225 Resp: 1965

Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.8	77.8
227	65.1	53.0	79.6



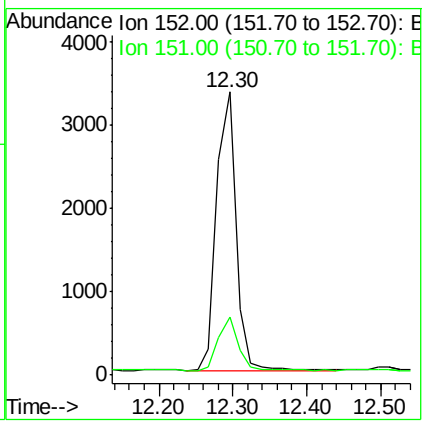


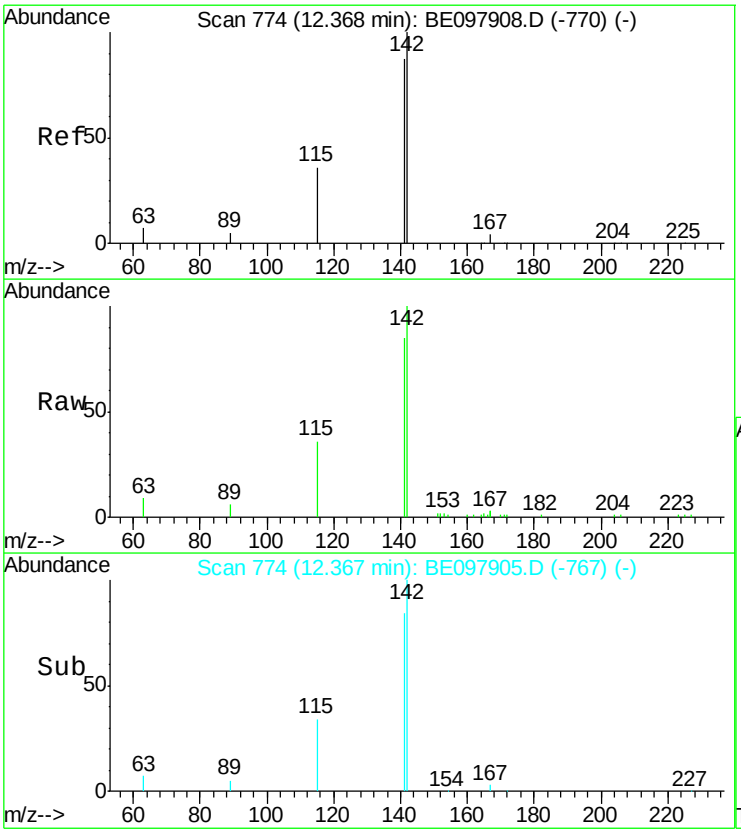
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6104

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4

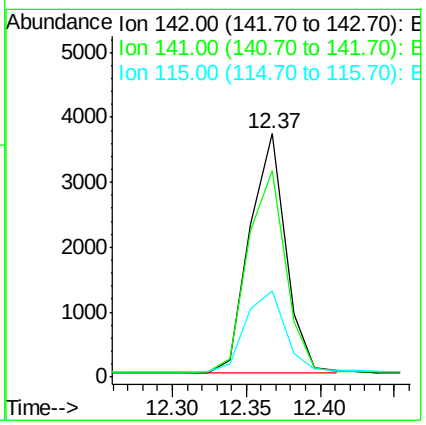


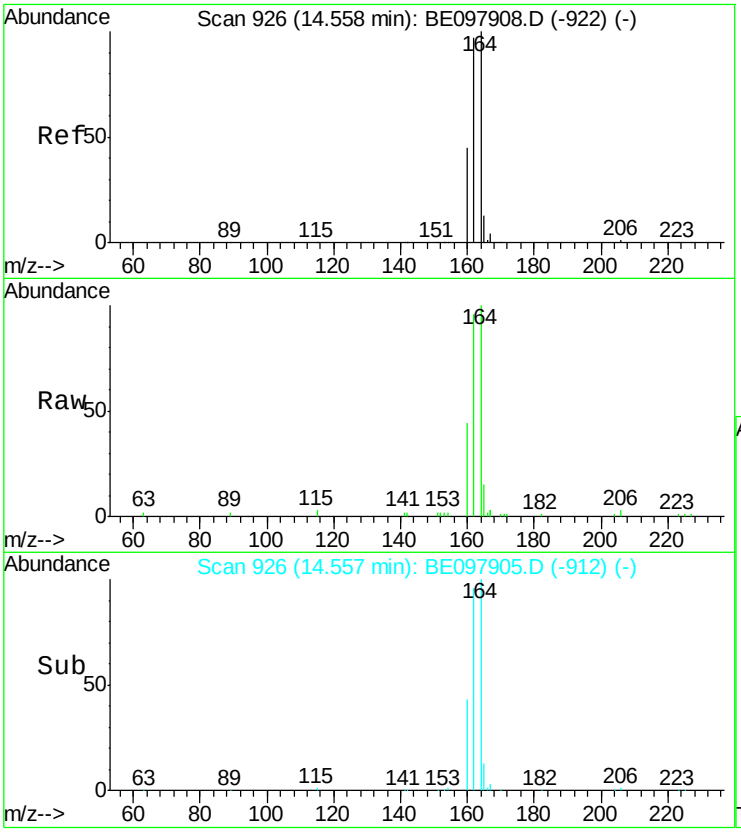


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:142 Resp: 6235

Ion	Ratio	Lower	Upper
142	100		
141	84.6	69.8	104.6
115	35.6	30.5	45.7



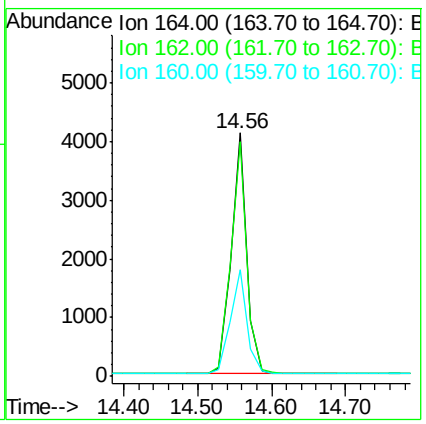


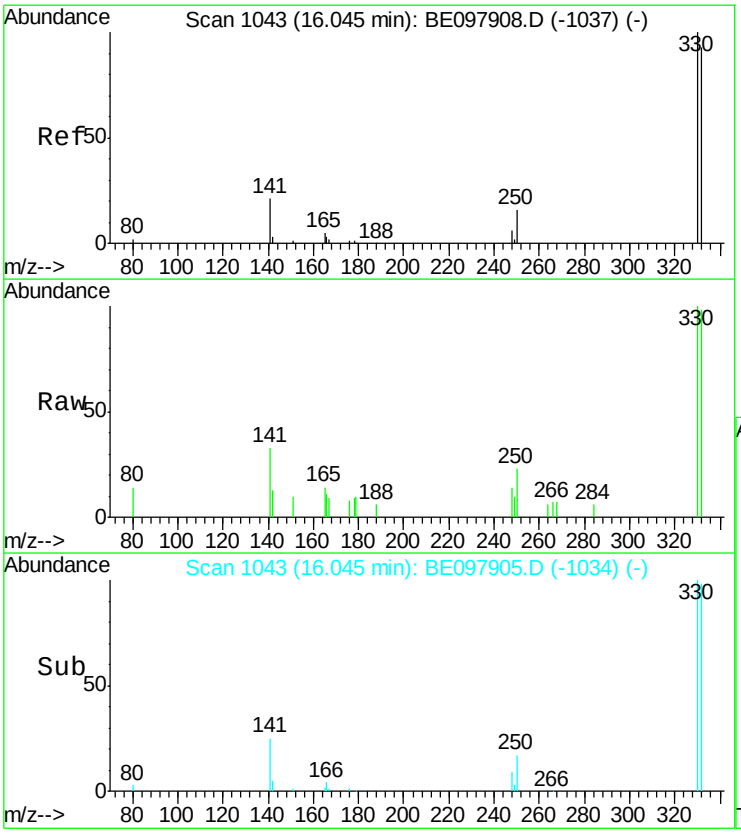
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5967

Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.4	116.2
160	44.1	36.5	54.7

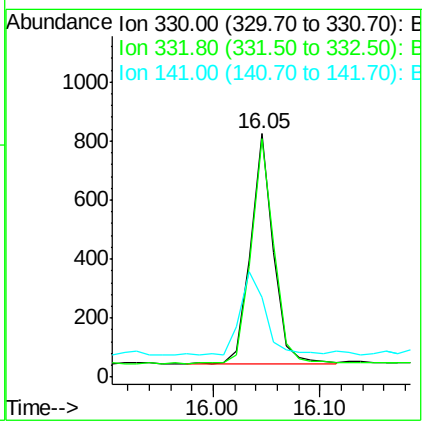


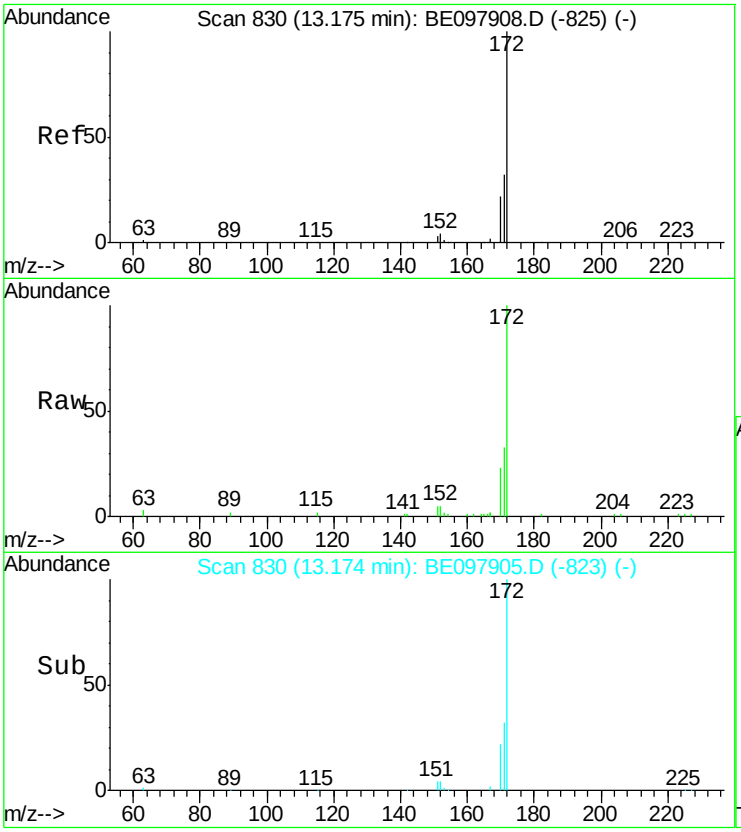


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.05 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:330 Resp: 1168

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.5	114.7
141	38.8	31.8	47.6



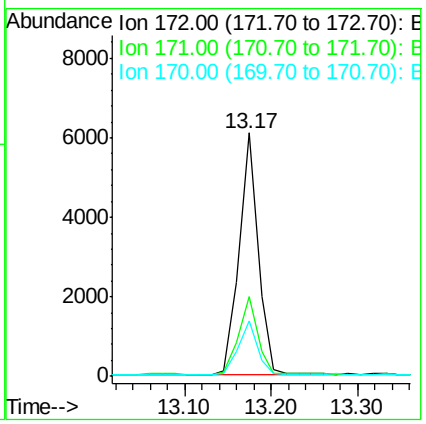


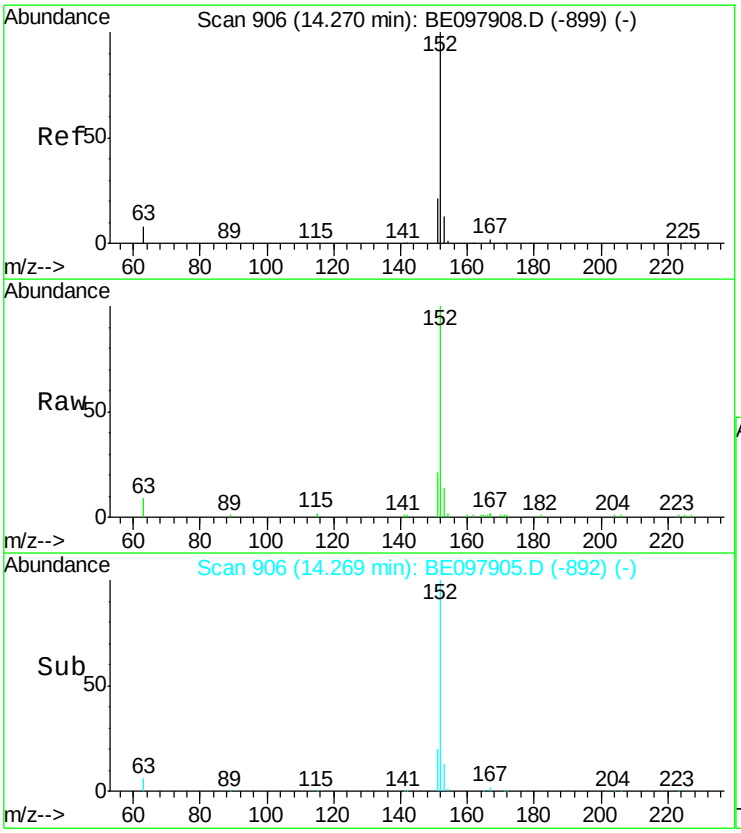
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 9221

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.0	39.0
170	22.8	18.0	27.0

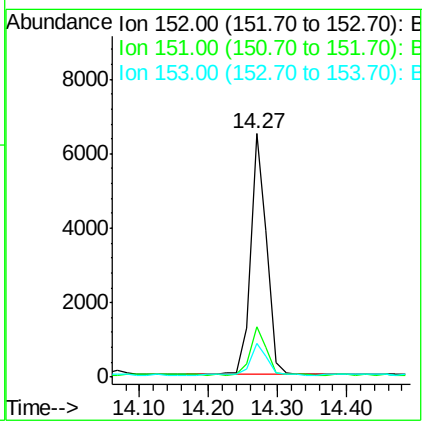


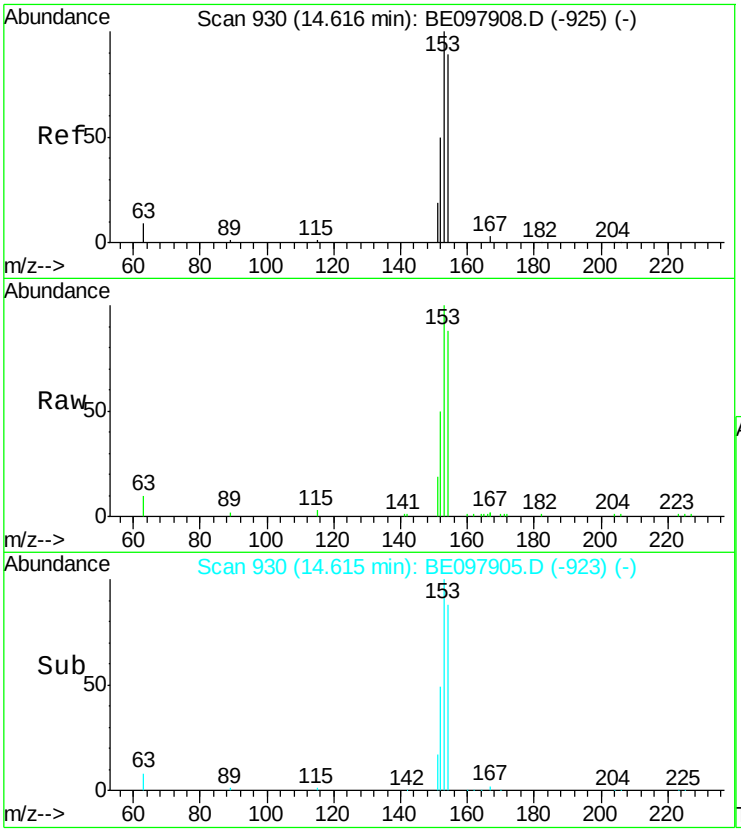


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:152 Resp: 10489

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.1	10.9	16.3



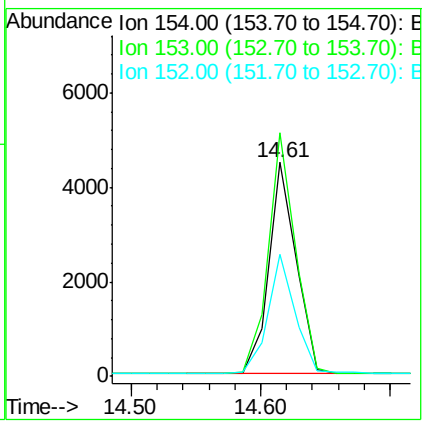


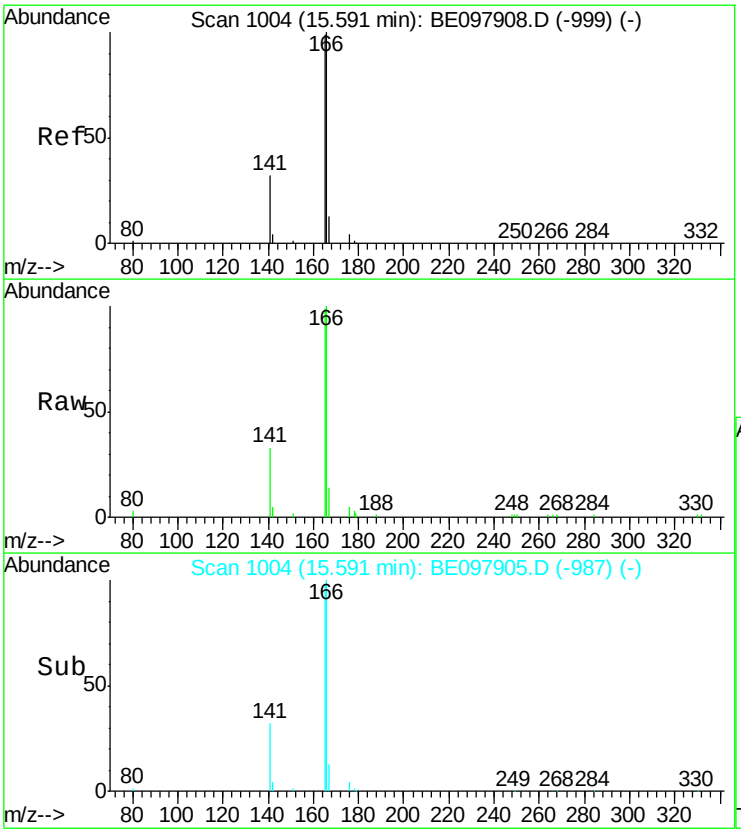
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6575

Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.6	139.0
152	55.5	45.5	68.3

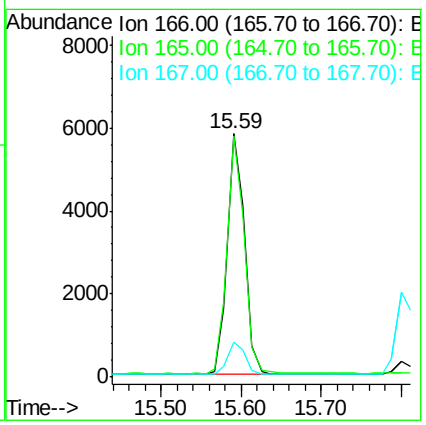


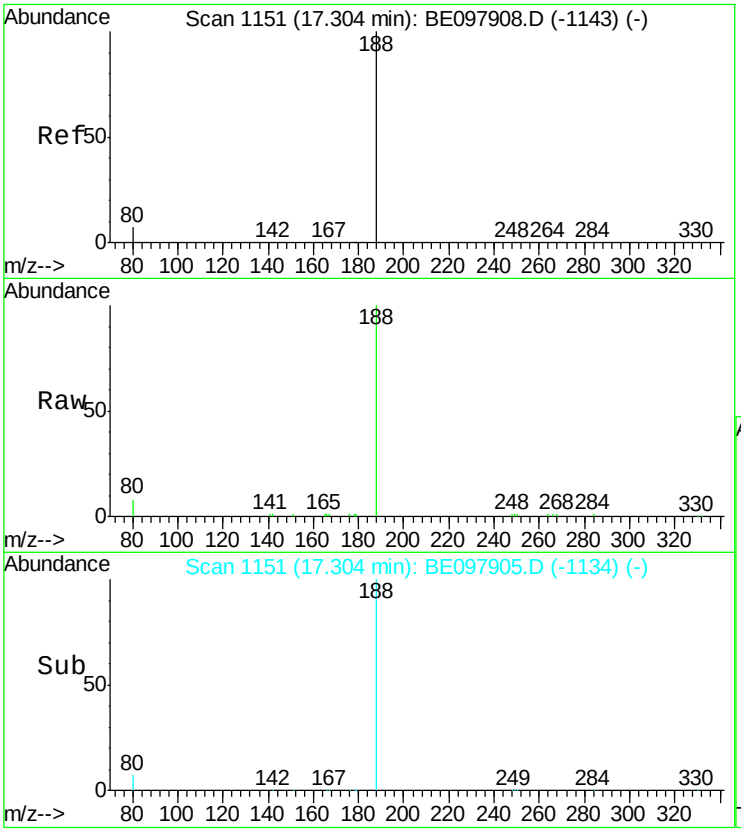


#18
Fluorene
Concen: 0.375 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:166 Resp: 8684

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	13.9	11.0	16.6



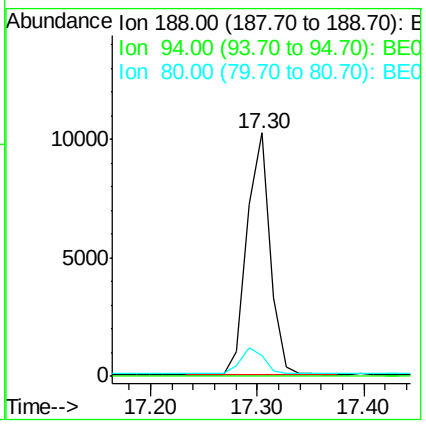


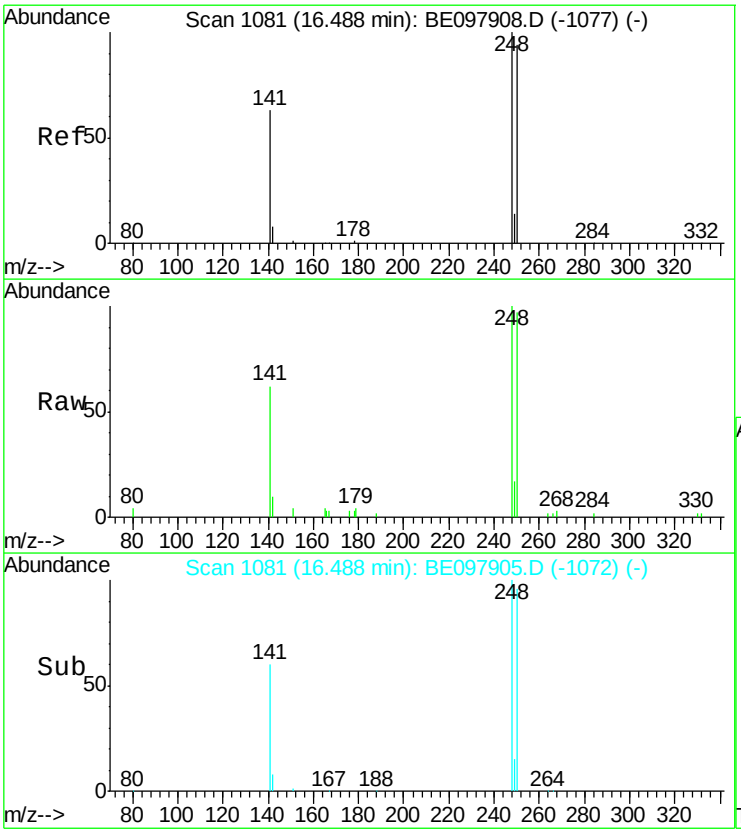
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15570

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.3	9.5

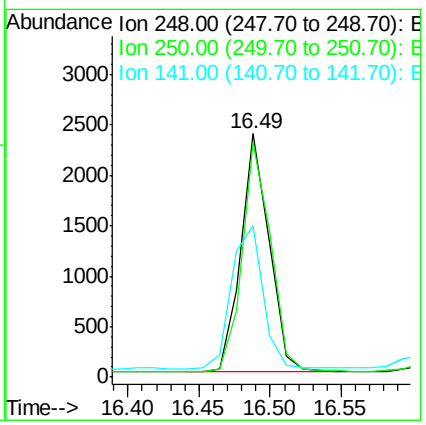


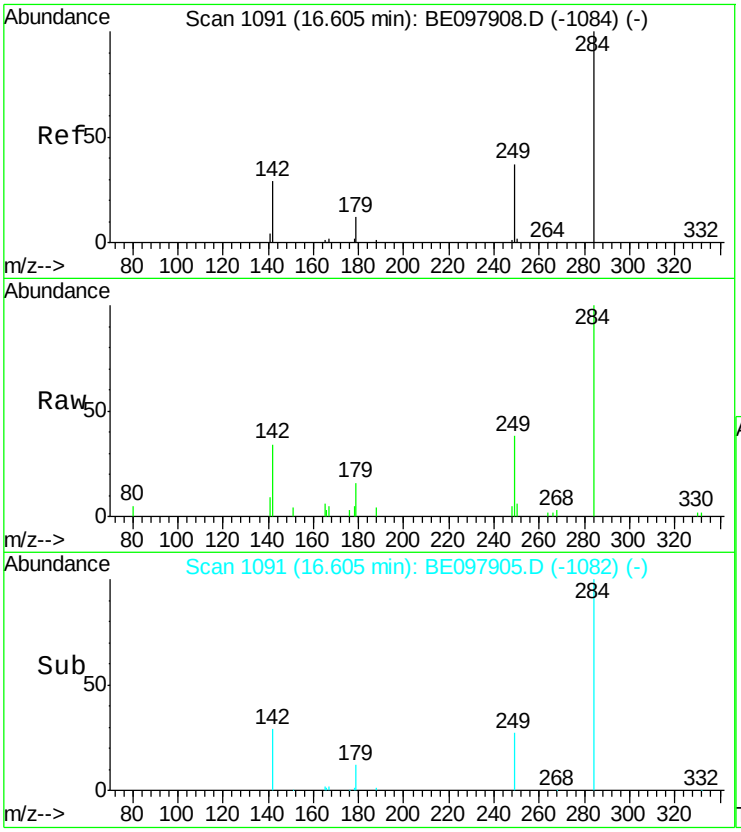


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:248 Resp: 3269

Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.1	112.7
141	62.4	51.8	77.8



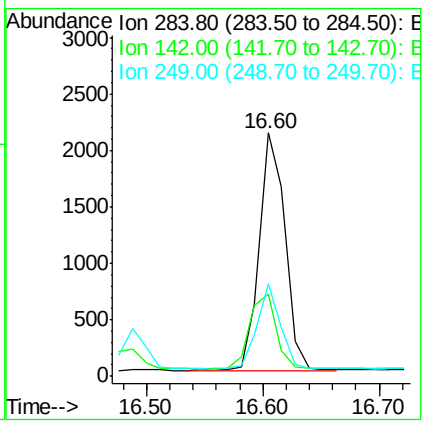


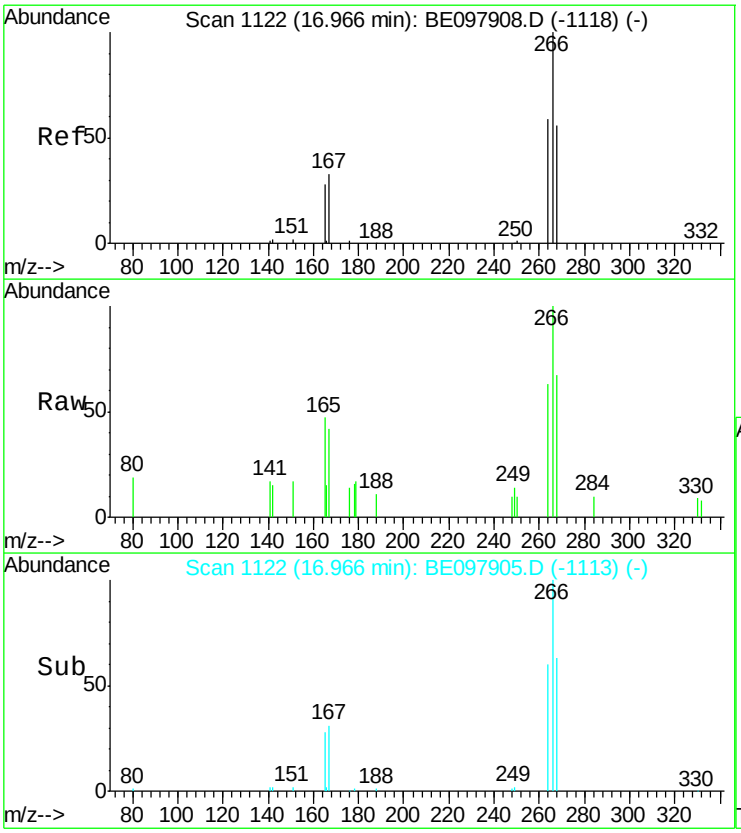
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3238

Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.9	38.9
249	33.8	26.6	40.0

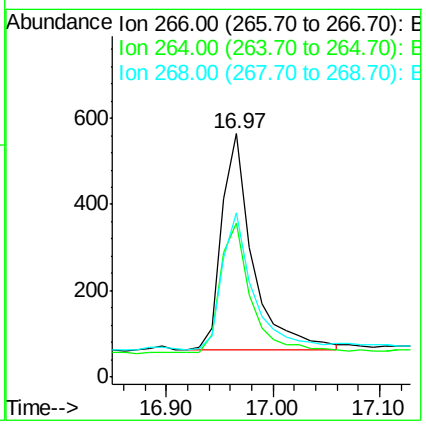


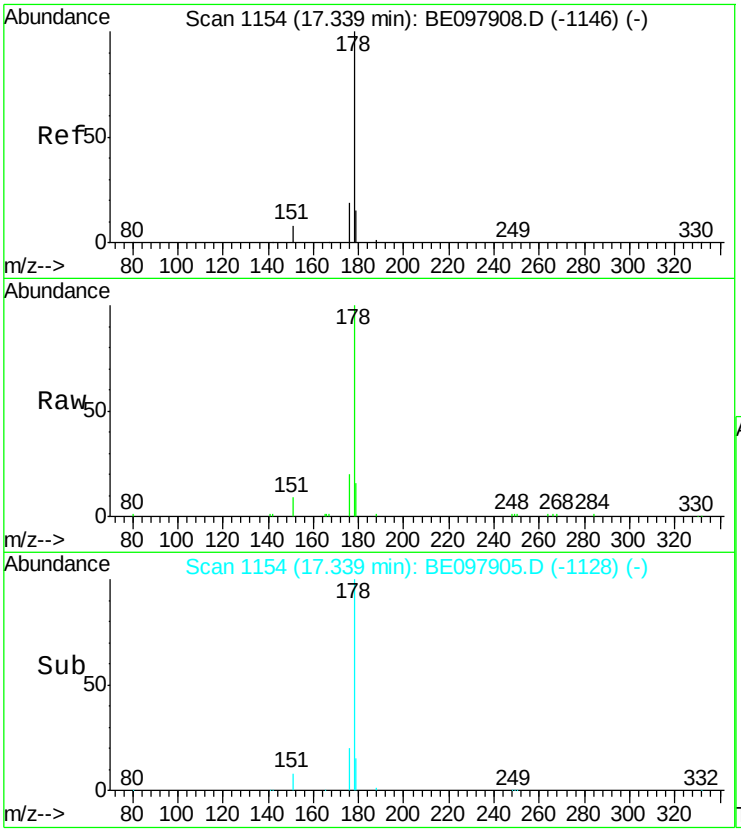


#22
Pentachlorophenol
Concen: 0.483 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:266 Resp: 1010

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.3	76.9
268	67.4	50.1	75.1



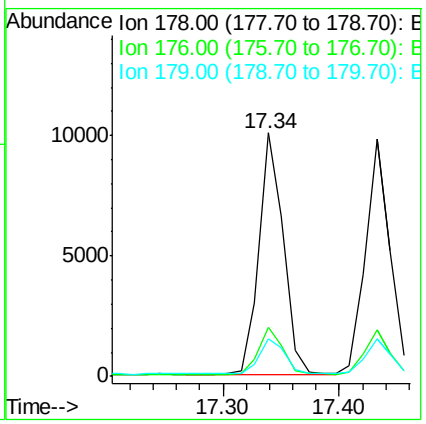


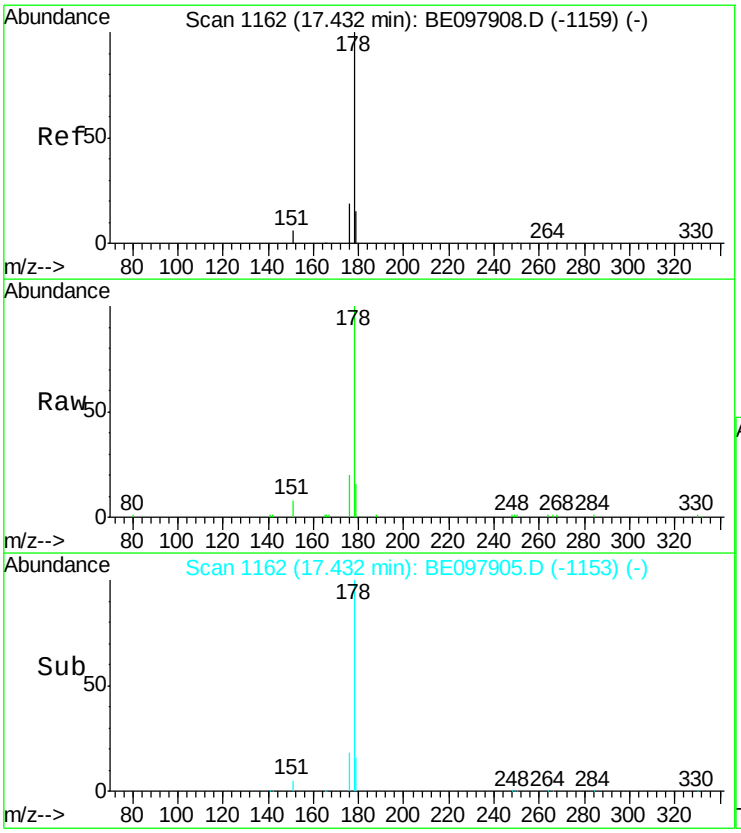
#23
Phenanthrene
Concen: 0.371 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 14674

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.1	12.2	18.4

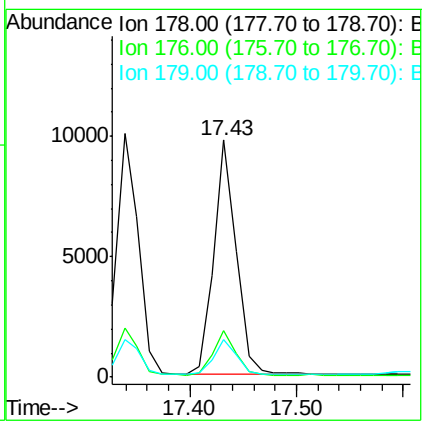


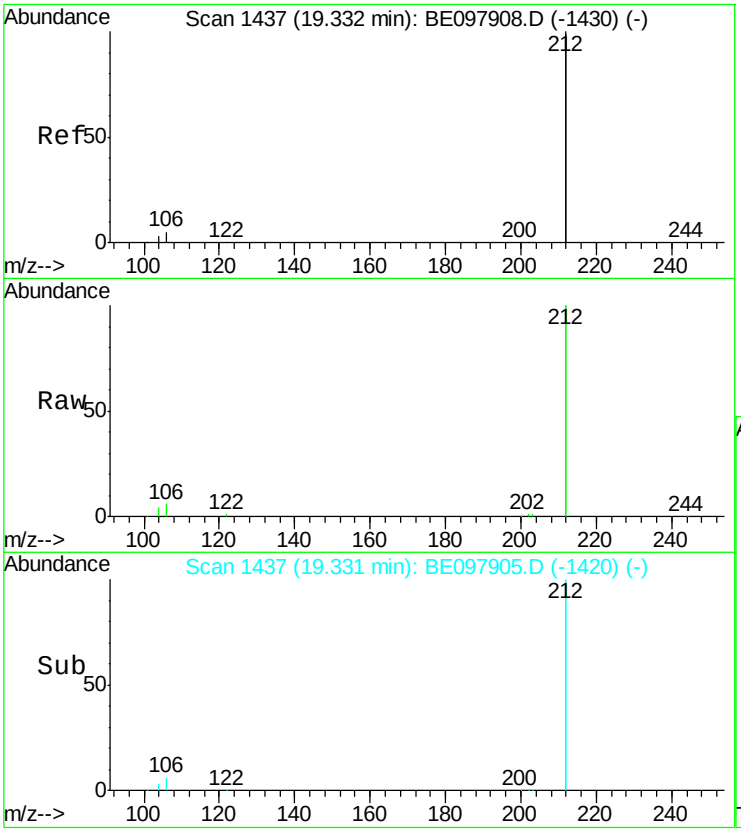


#24
Anthracene
Concen: 0.378 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:178 Resp: 14136

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.0	11.9	17.9



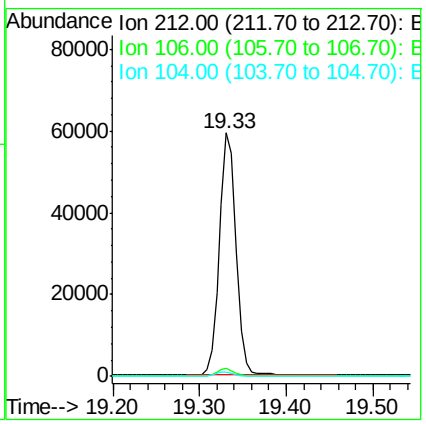


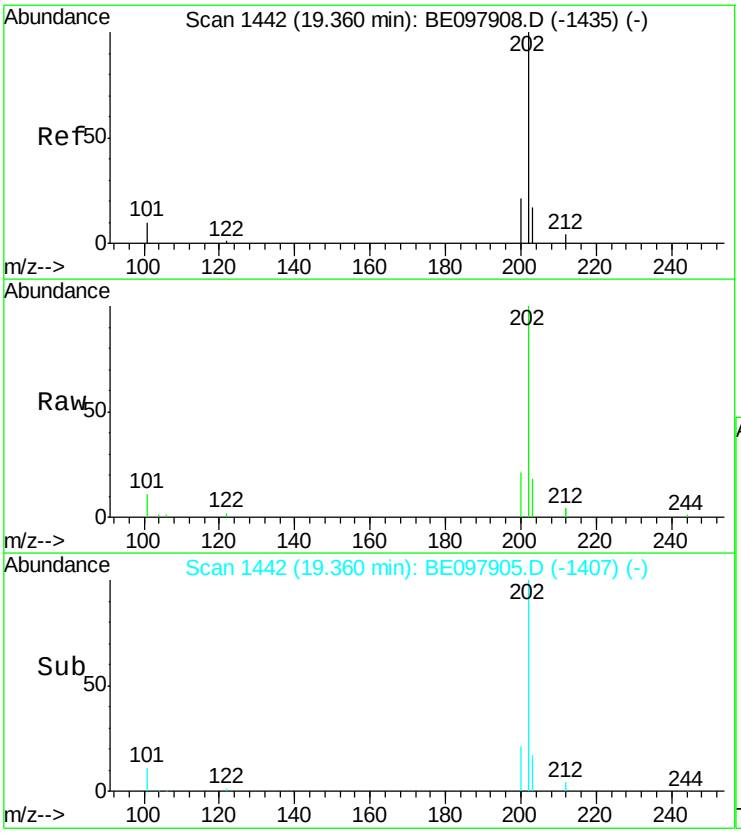
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 79174

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.7	1.3	1.9

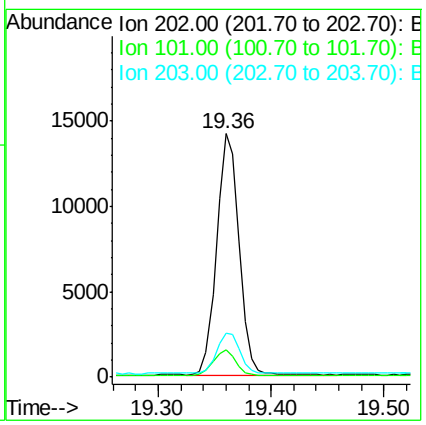


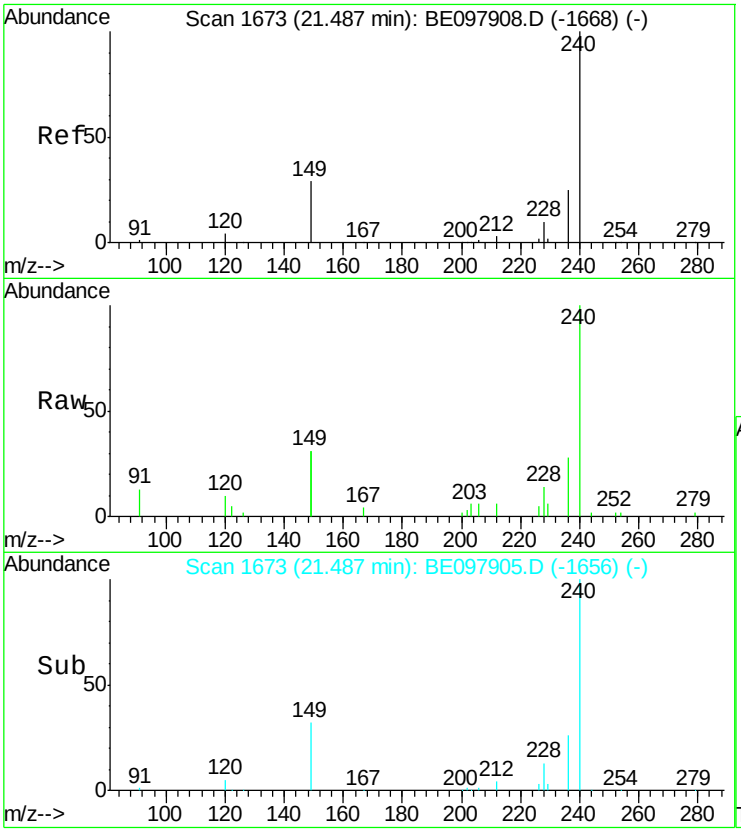


#26
Fluoranthene
Concen: 0.374 ng
RT: 19.36 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:202 Resp: 19411

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.2
203	17.2	15.0	22.4



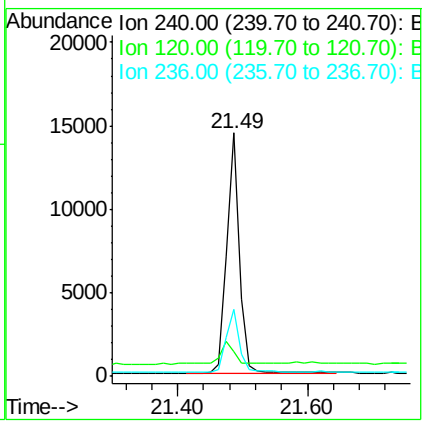


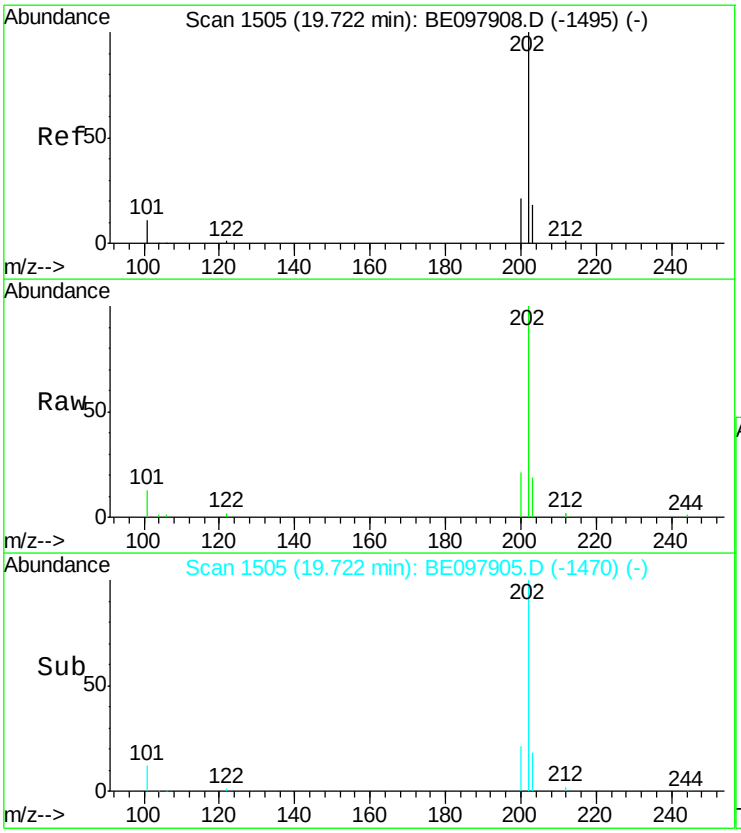
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 19787

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	27.5	21.3	31.9

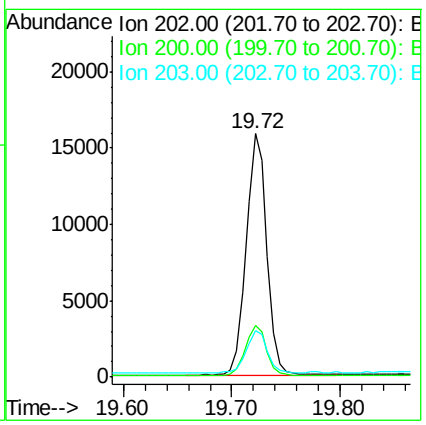


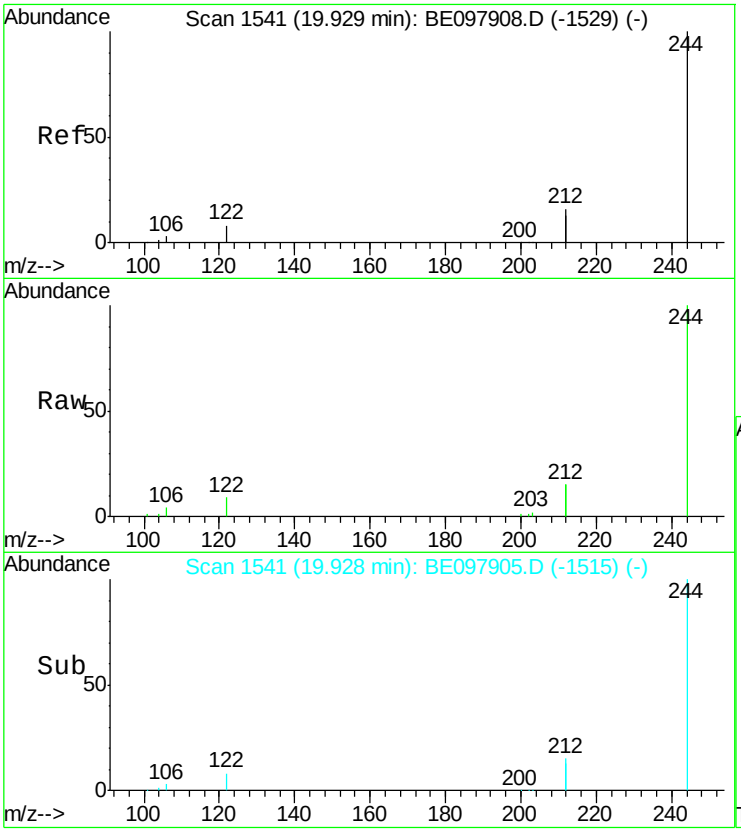


#28
Pyrene
Concen: 0.368 ng
RT: 19.72 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:202 Resp: 20987

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.5	14.2	21.4



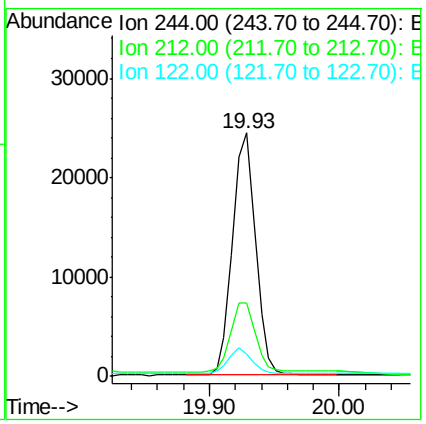


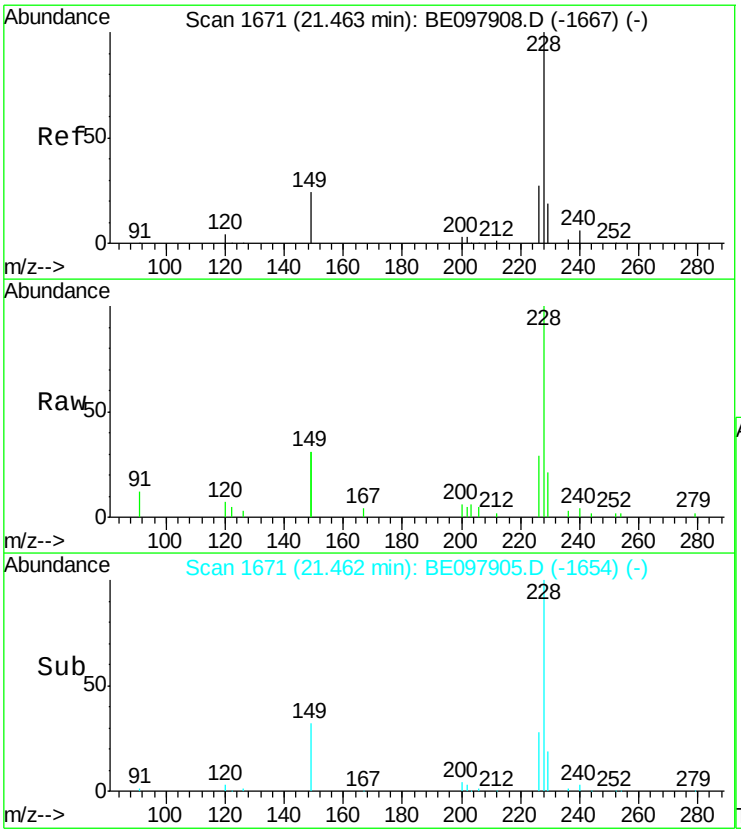
#29
Terphenyl-d14
Concen: 0.662 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 30024

Ion	Ratio	Lower	Upper
244	100		
212	30.2	26.2	39.2
122	9.3	7.7	11.5

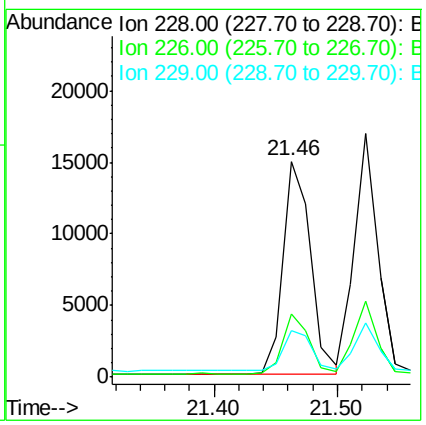


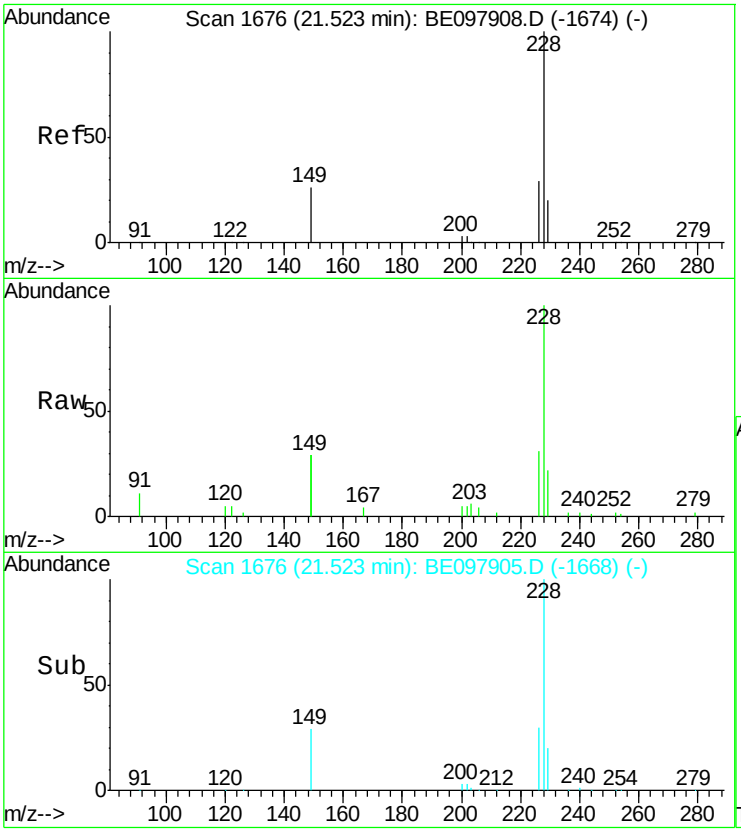


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:228 Resp: 23129

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.3	16.9	25.3



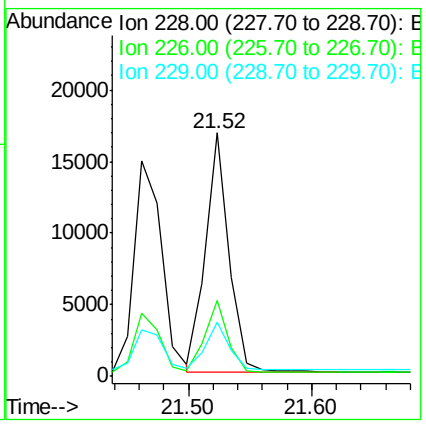


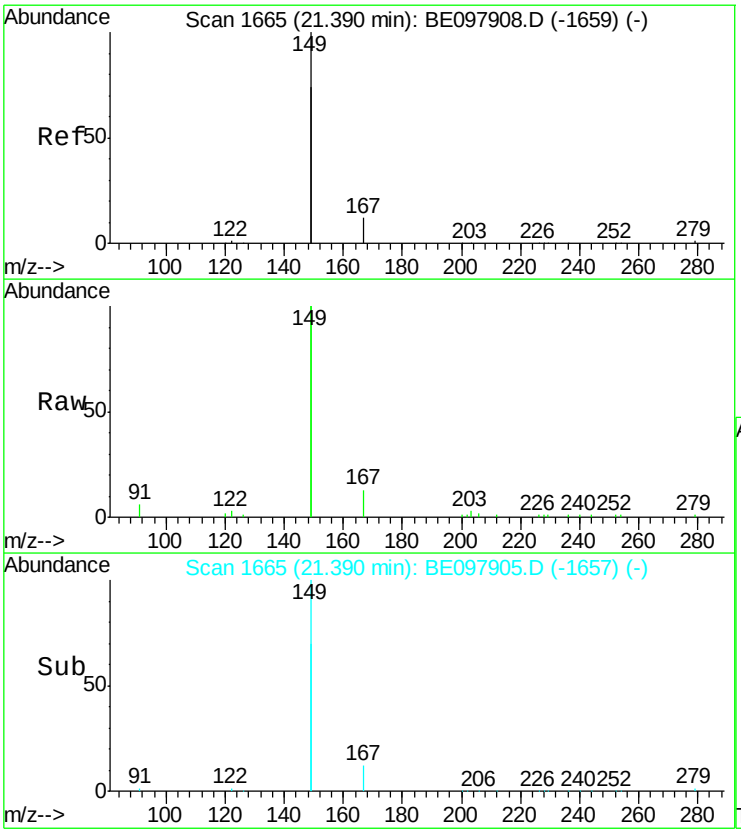
#31
Chrysene
Concen: 0.382 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21969

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	22.1	17.3	25.9

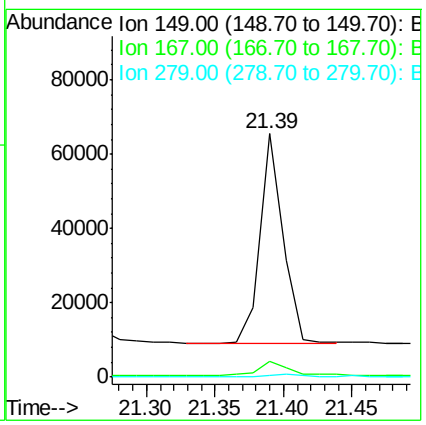


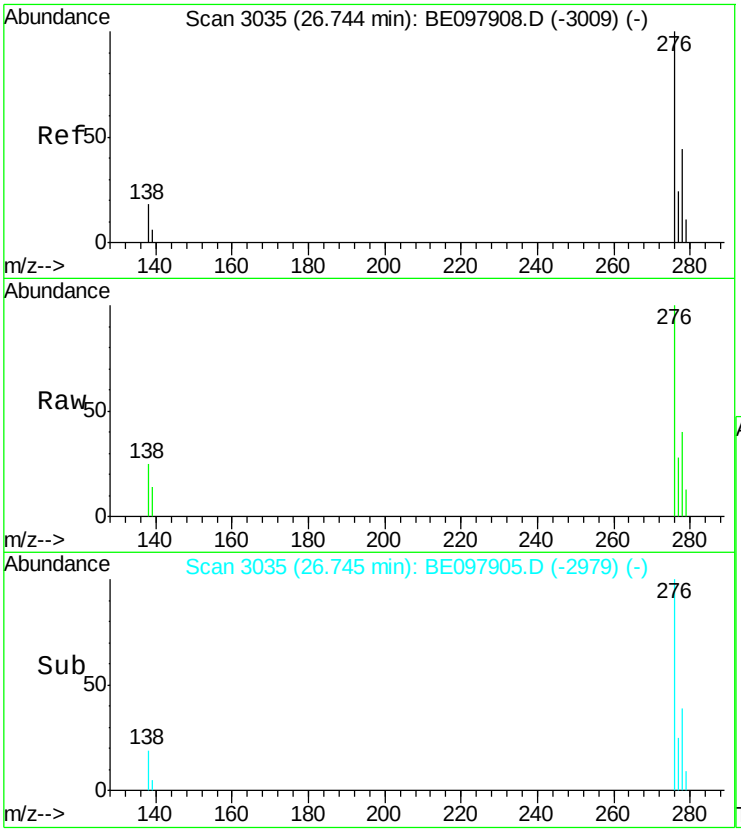


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.502 ng
RT: 21.39 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:149 Resp: 66808

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.6	8.4
279	1.2	0.9	1.3



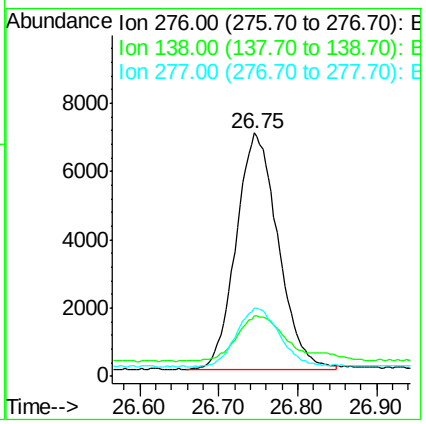


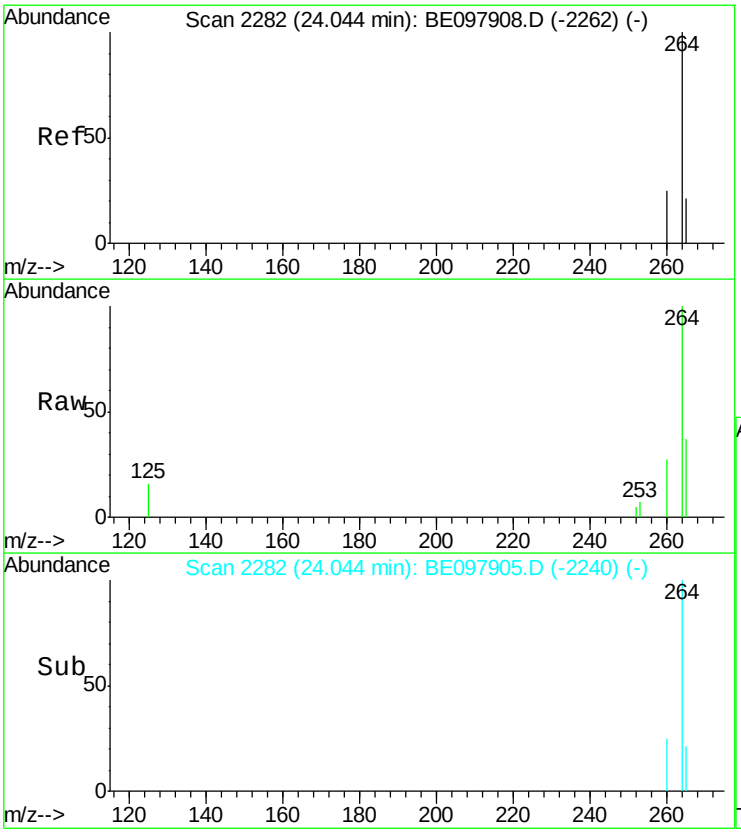
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.75 min Scan# 3035
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25632

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.0	25.6
277	25.7	20.5	30.7

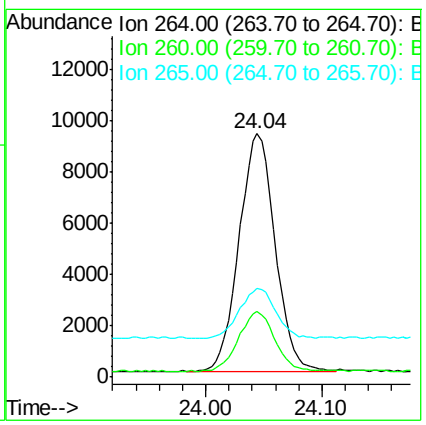


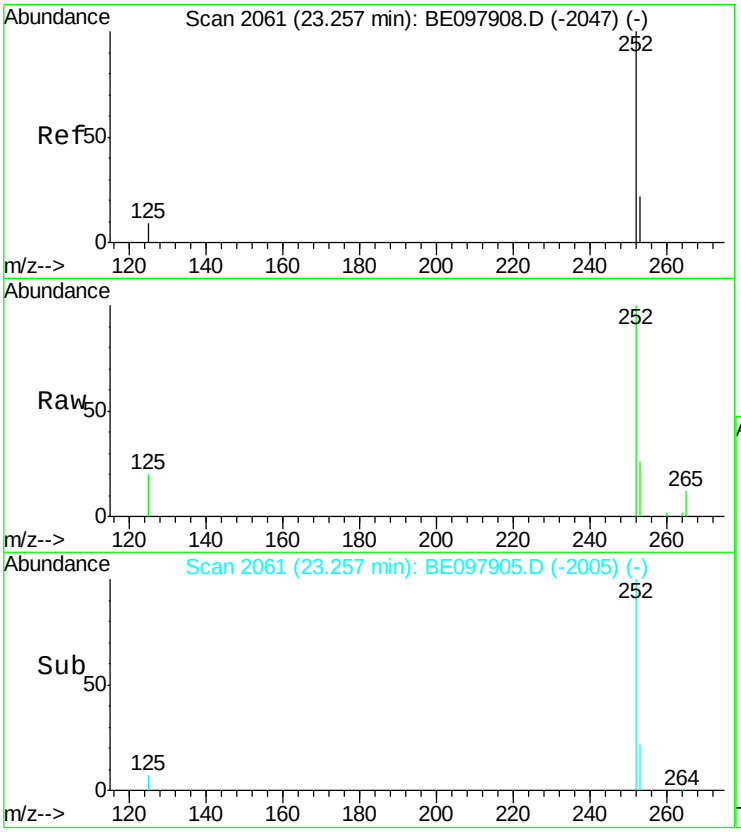


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:264 Resp: 19990

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.1	31.7
265	36.7	29.2	43.8



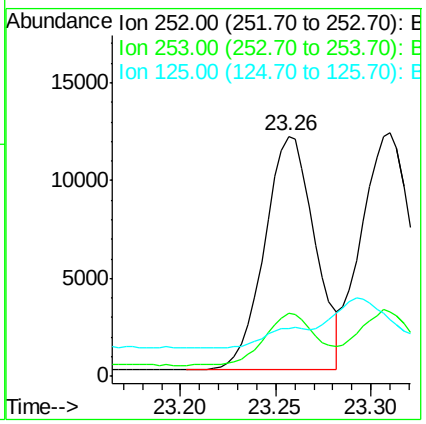


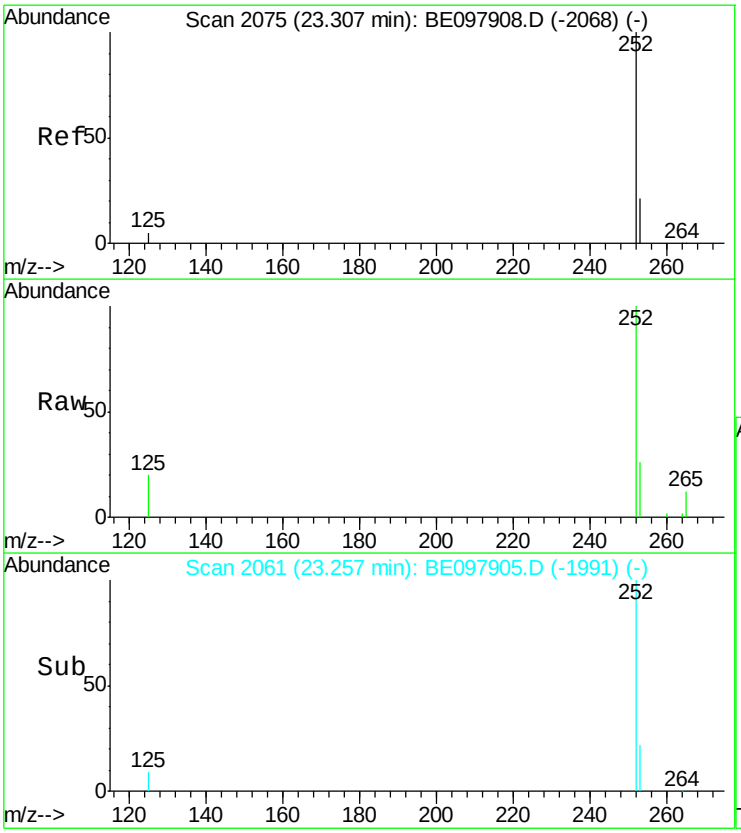
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21991

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.6	31.0
125	20.1	14.3	21.5

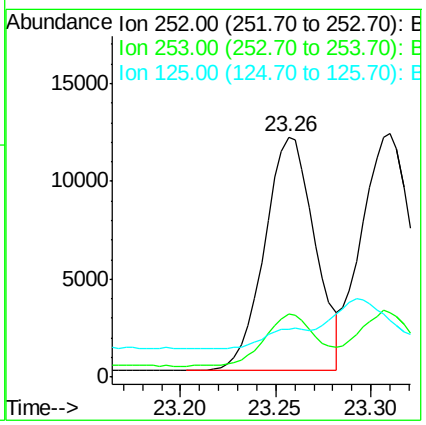


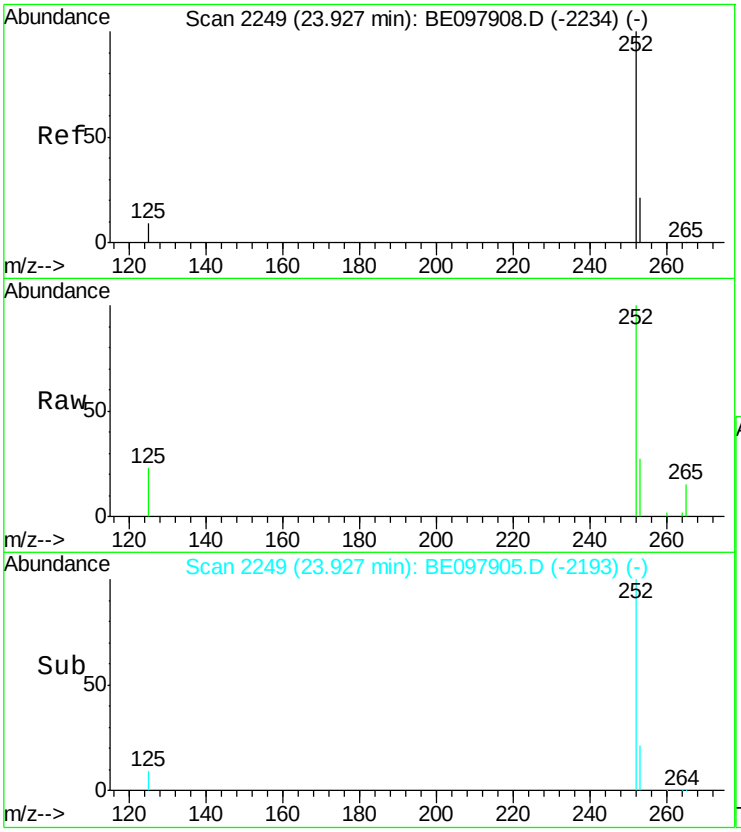


#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.05 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:252 Resp: 21991

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.4	30.6
125	20.1	14.6	21.8



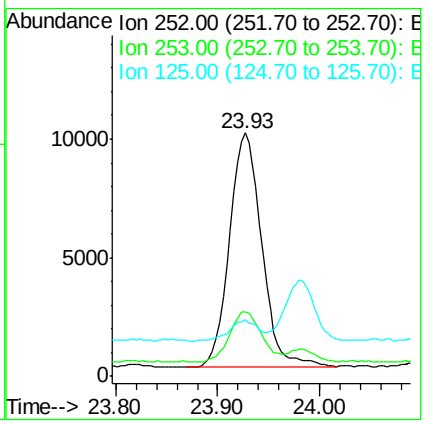


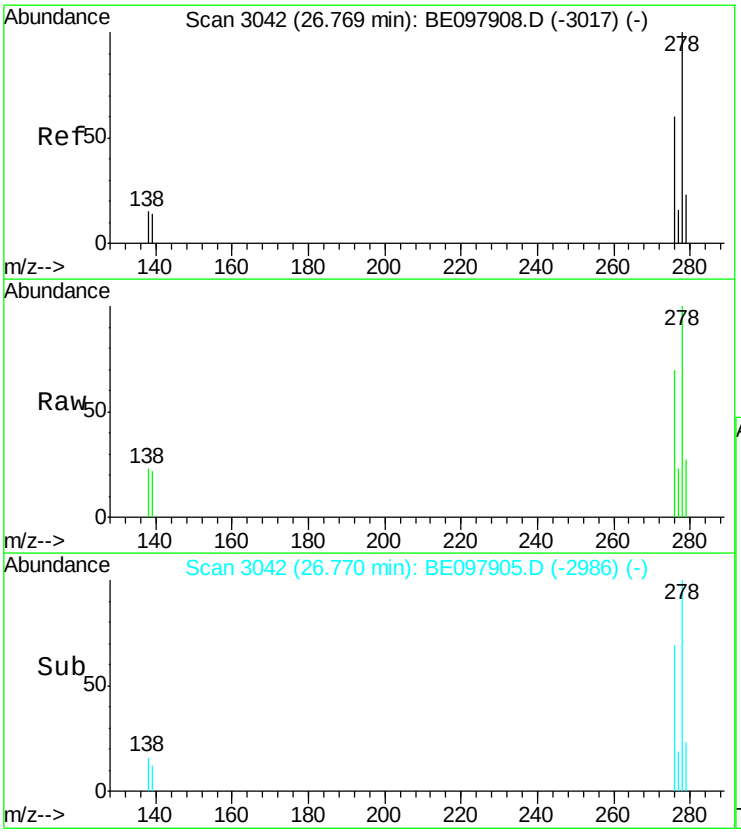
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.93 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21881

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.6	31.0
125	23.1	15.6	23.4

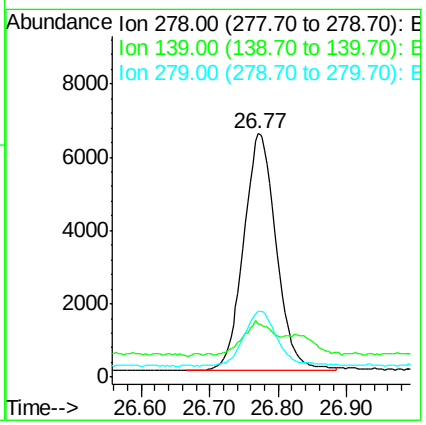


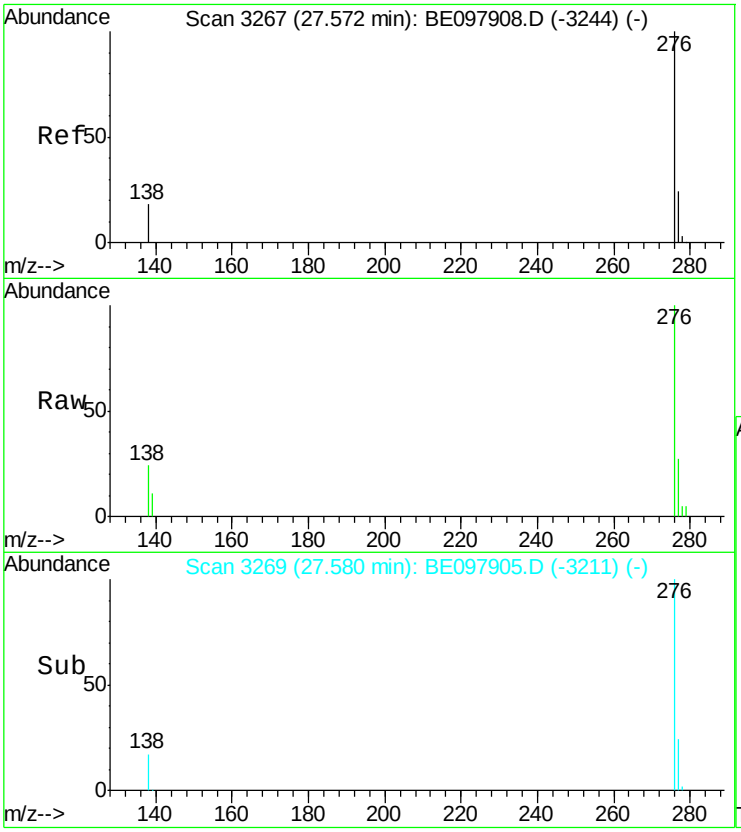


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.77 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Tgt Ion:278 Resp: 21489

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.3	24.5
279	27.0	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.58 min Scan# 3269
Delta R.T. 0.01 min
Lab File: BE097905.D
Acq: 16 Oct 2018 11:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21514

Ion	Ratio	Lower	Upper
276	100		
277	27.5	22.1	33.1
138	24.3	19.3	28.9