Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097708.D
Acq On : 3 Oct 2018 9:43
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Oct 03 11:31:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5205	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	21390	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	11931	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	33272	0.40	ng	0.00
27) Chrysene-d12	21.49	240	45213	0.40	ng	0.00
34) Perylene-d12	24.04	264	40683	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	4680	0.36	ng	0.00
5) Phenol-d6	7.05	99	7361	0.42	ng	0.00
8) Nitrobenzene-d5	9.04	82	2597	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	13314	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	697	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	19801	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	156426	0.39	ng	0.00
29) Terphenyl-d14	19.94	244	32965	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	3859	0.356	ng	100
3) n-Nitrosodimethylamine	3.71	42	3566	0.547	ng	99
6) bis(2-Chloroethyl)ether	7.31	93	7528	0.433	ng	100
9) Naphthalene	10.74	128	84413	0.400	ng	100
10) Hexachlorobutadiene	11.04	225	4418	0.447	ng	100
12) 2-Methylnaphthalene	12.37	142	13258	0.411	ng	100
16) Acenaphthylene	14.27	152	20114	0.395	ng	100
17) Acenaphthene	14.62	154	12832	0.375	ng	100
18) Fluorene	15.60	166	17118	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.50	248	6506	0.384	ng	100
21) Hexachlorobenzene	16.60	284	7463	0.391	ng	100
22) Pentachlorophenol	16.95	266	1088	0.248	ng	100
23) Phenanthrene	17.34	178	32647	0.379	ng	100
24) Anthracene	17.43	178	27053	0.382	ng	100
26) Fluoranthene	19.36	202	40794	0.382	ng	100
28) Pyrene	19.72	202	41429	0.352	ng	100
30) Benzo(a)anthracene	21.48	228	43552	0.389	ng	100
31) Chrysene	21.52	228	50156	0.359	ng	100
32) Bis(2-ethylhexyl)phthalate	21.41	149	30709	0.223	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	43319	0.293	ng	100
35) Benzo(b)fluoranthene	23.26	252	39785	0.338	ng	100
36) Benzo(k)fluoranthene	23.31	252	44357	0.327	ng	100
37) Benzo(a)pyrene	23.93	252	36173	0.321	ng	100
38) Dibenzo(a,h)anthracene	26.77	278	35733	0.292	ng	100
39) Benzo(g,h,i)perylene	27.56	276	38235	0.308	ng	100

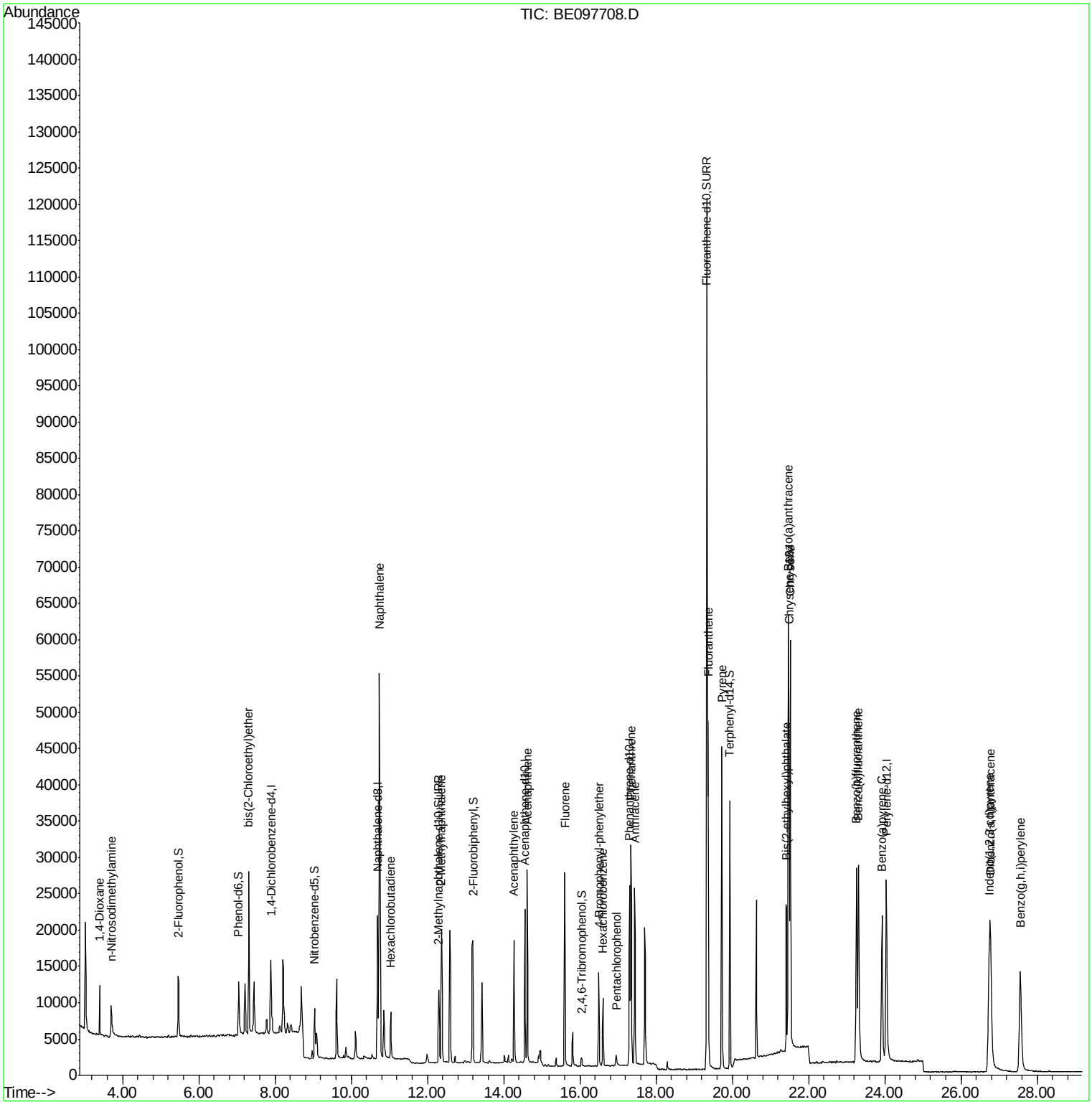
(#) = qualifier out of range (m) = manual integration (+) = signals summed

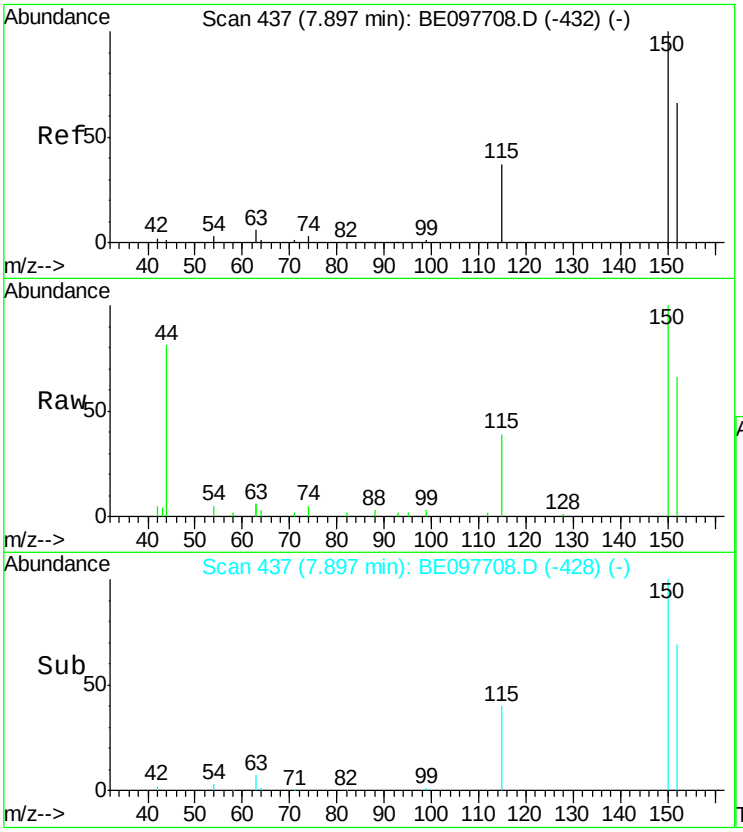
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097708.D
Acq On : 3 Oct 2018 9:43
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Oct 03 11:31:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration



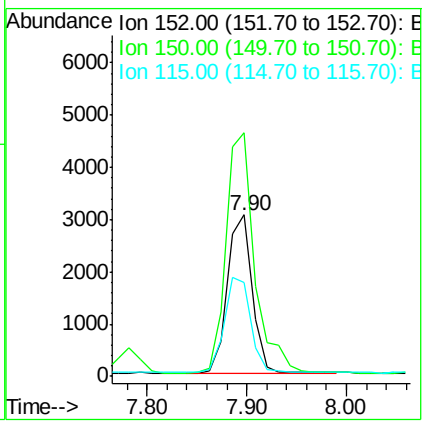


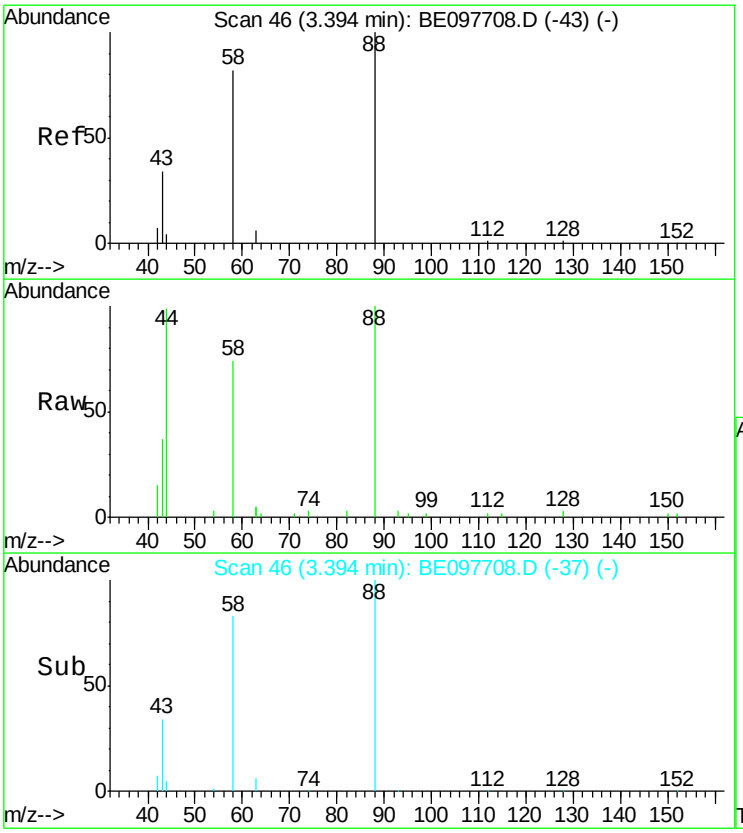
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5205

Ion	Ratio	Lower	Upper
152	100		
150	151.1	120.9	181.3
115	58.2	46.6	69.8

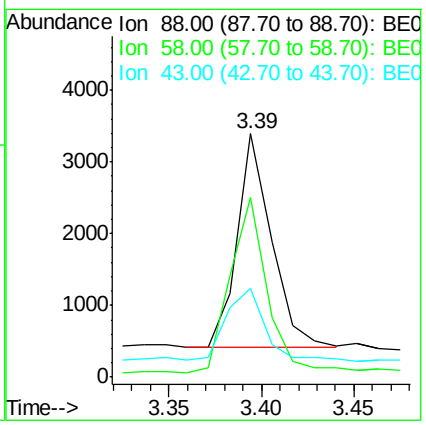


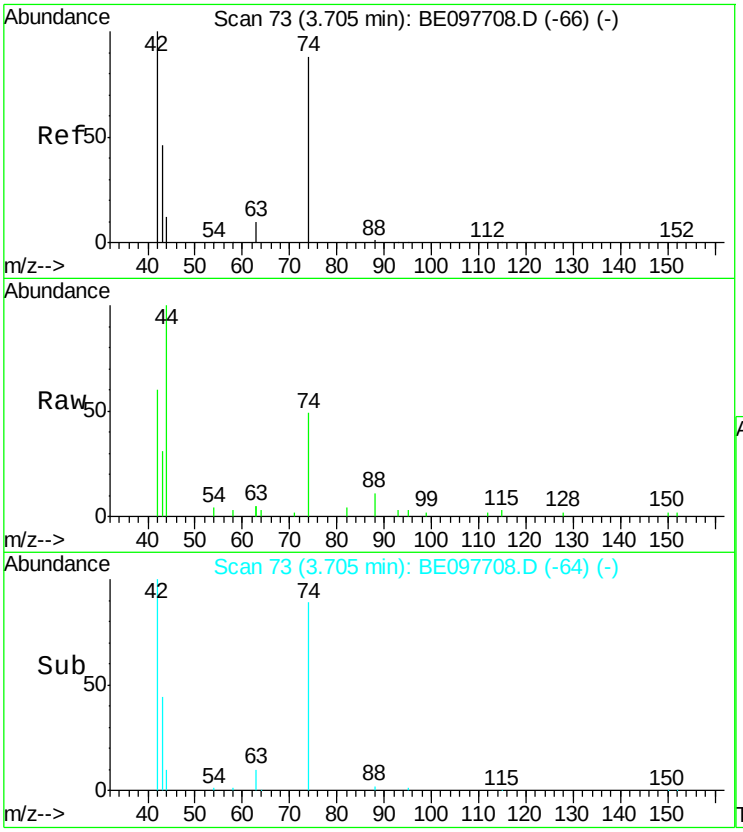


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion: 88 Resp: 3859

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.8	106.2
43	41.6	33.3	49.9



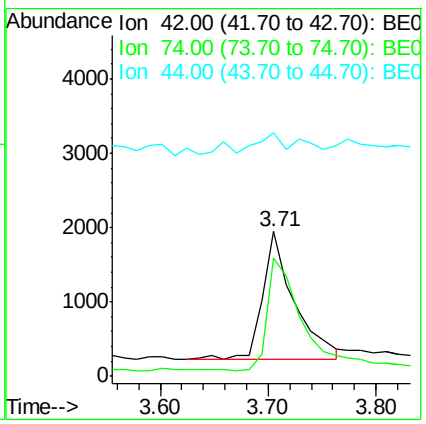


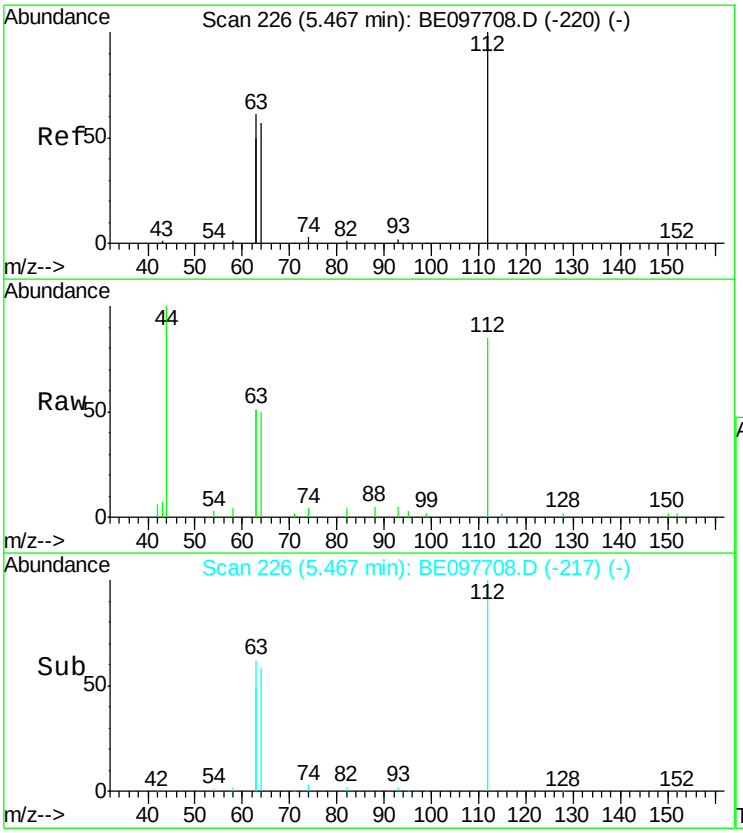
#3
n-Nitrosodimethylamine
Concen: 0.547 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 3566

Ion	Ratio	Lower	Upper
42	100		
74	89.8	70.7	106.1
44	18.2	15.0	22.4

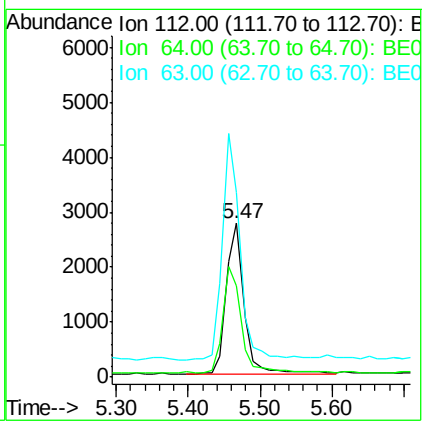


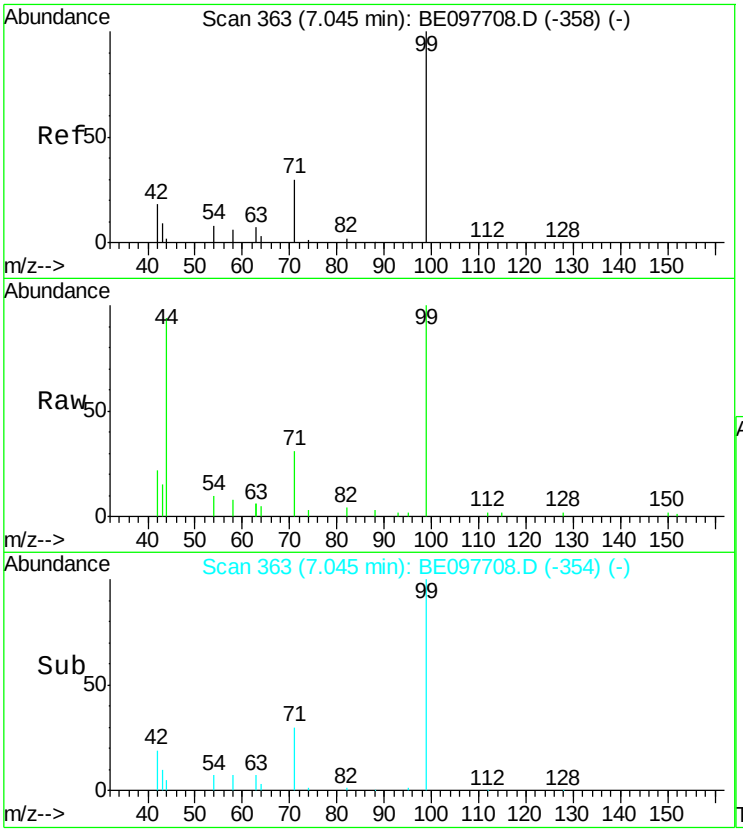


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:112 Resp: 4680

Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.6	84.8
63	150.1	119.4	179.0



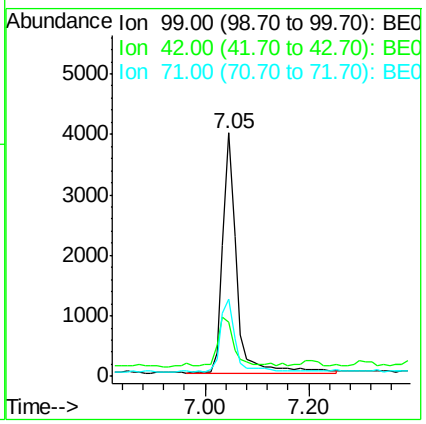


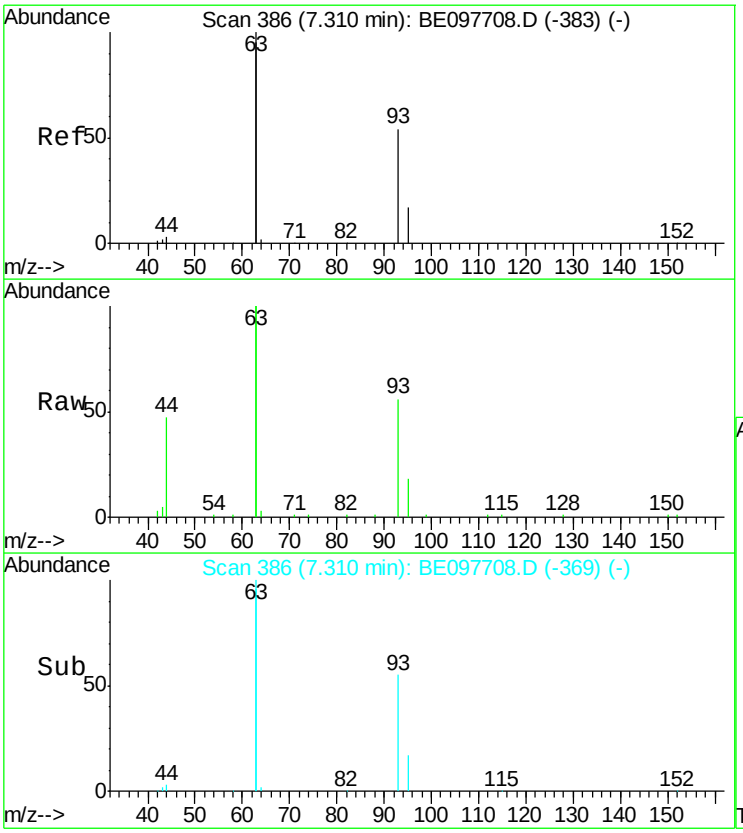
#5
Phenol-d6
Concen: 0.415 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 7361

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.9	29.9
71	31.4	25.4	38.2

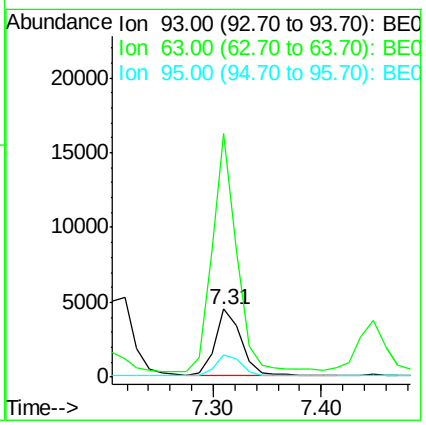


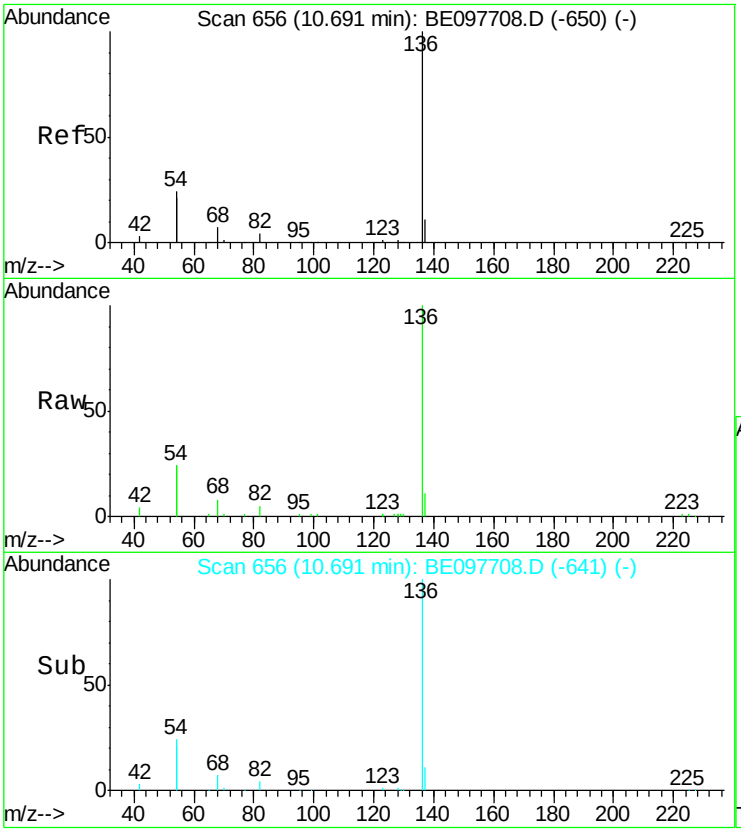


#6
bis(2-Chloroethyl)ether
Concen: 0.433 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion: 93 Resp: 7528

Ion	Ratio	Lower	Upper
93	100		
63	333.6	266.9	400.3
95	32.7	26.2	39.2



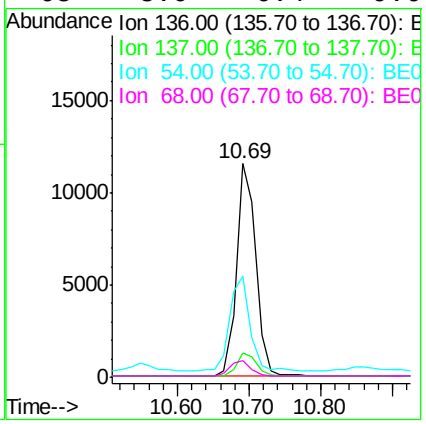


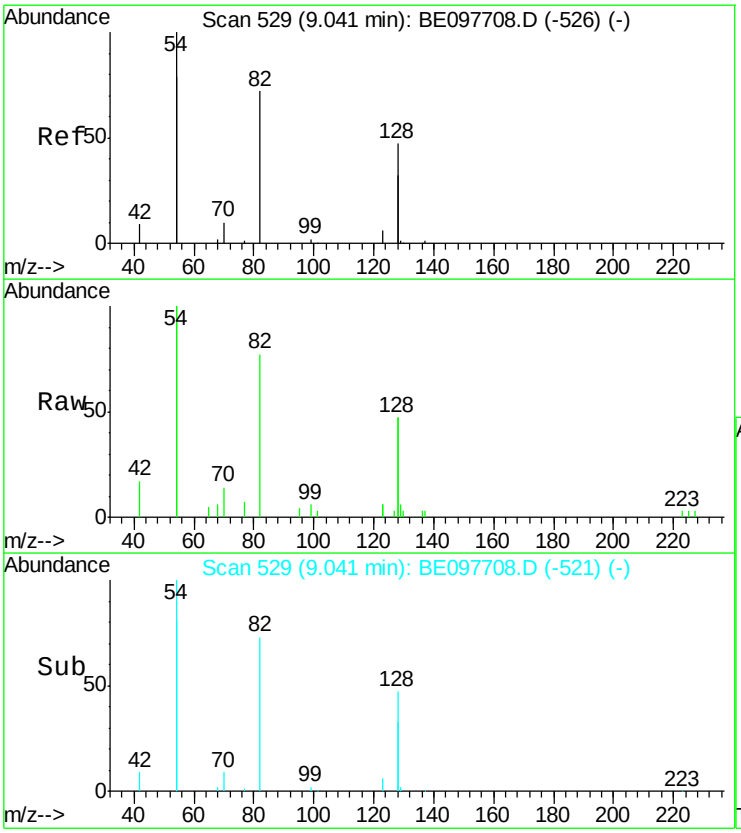
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 21390

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	47.2	37.8	56.6
68	8.0	6.4	9.6

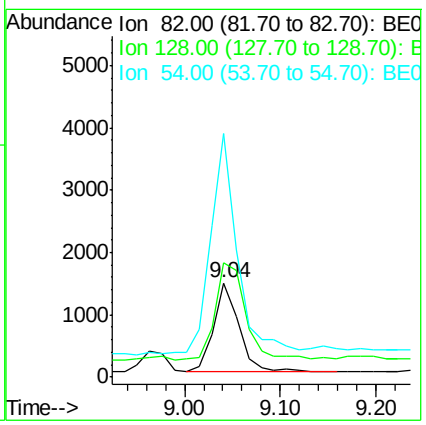


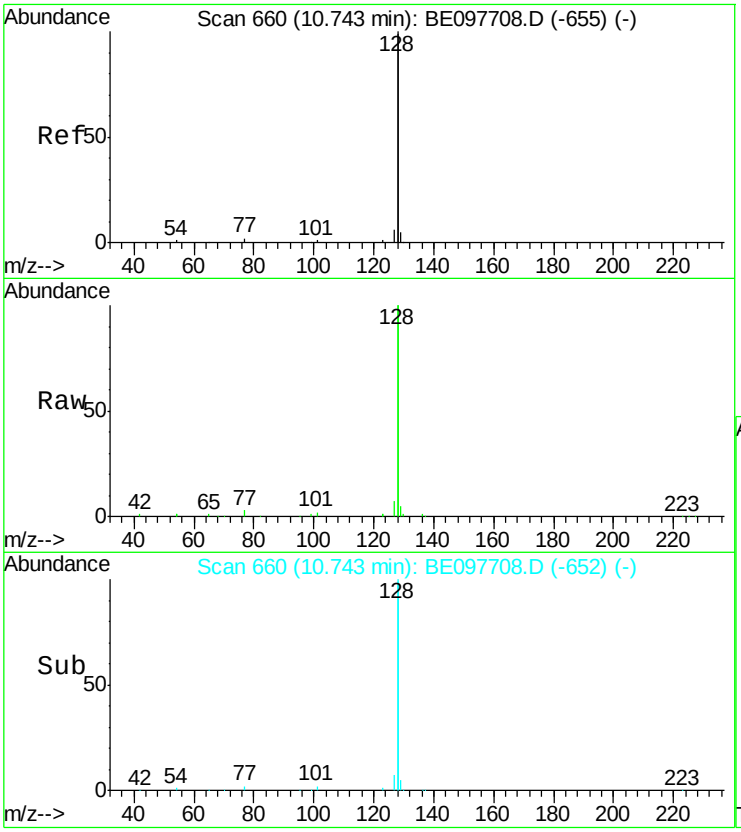


#8
Nitrobenzene-d5
Concen: 0.171 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion: 82 Resp: 2597

Ion	Ratio	Lower	Upper
82	100		
128	121.2	97.0	145.4
54	258.6	206.9	310.3



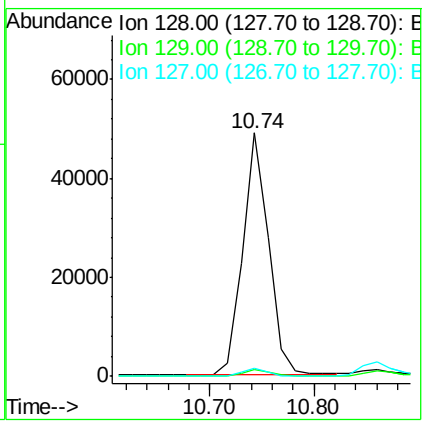


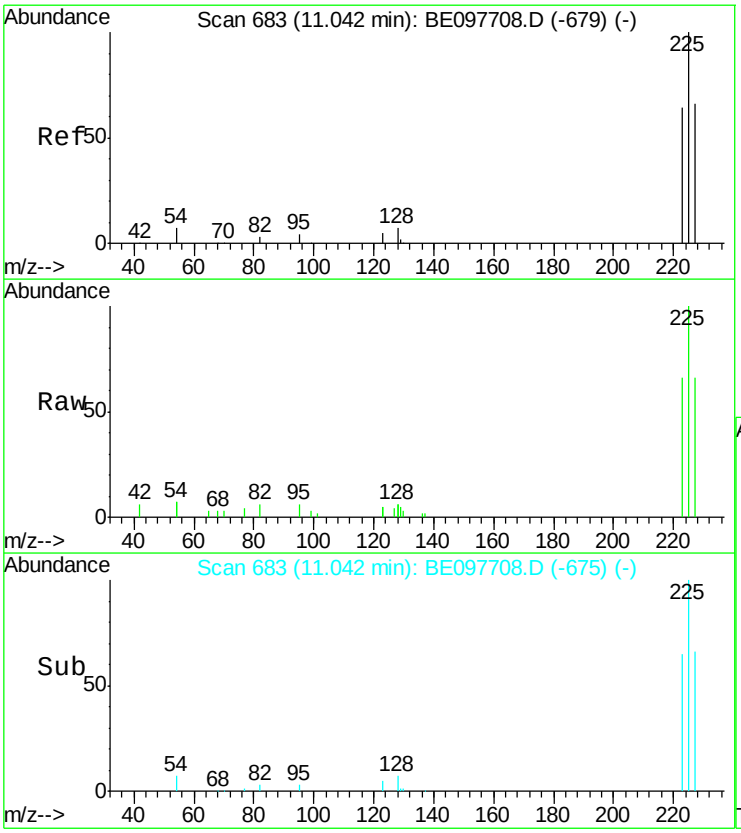
#9
Naphthalene
Concen: 0.400 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 84413

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.2
127	3.4	2.7	4.1

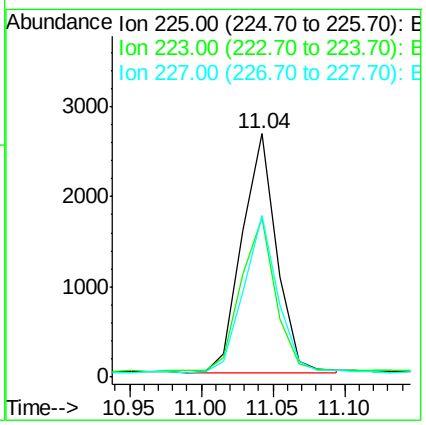


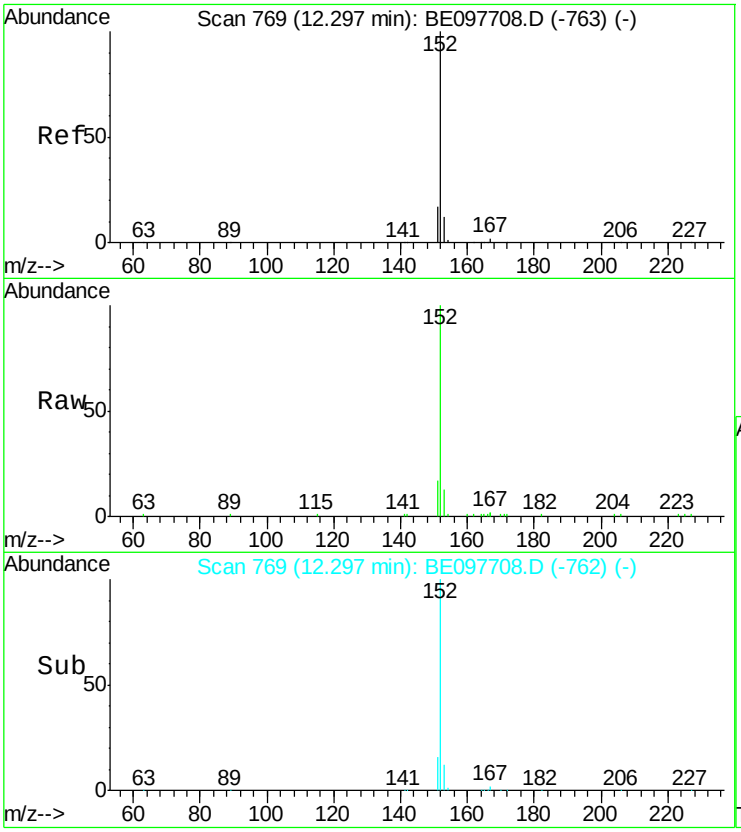


#10
Hexachlorobutadiene
Concen: 0.447 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:225 Resp: 4418

Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	63.8	51.2	76.8



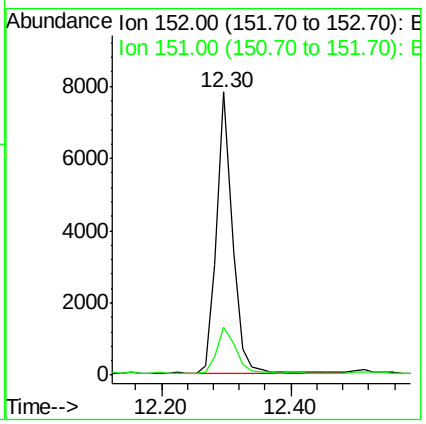


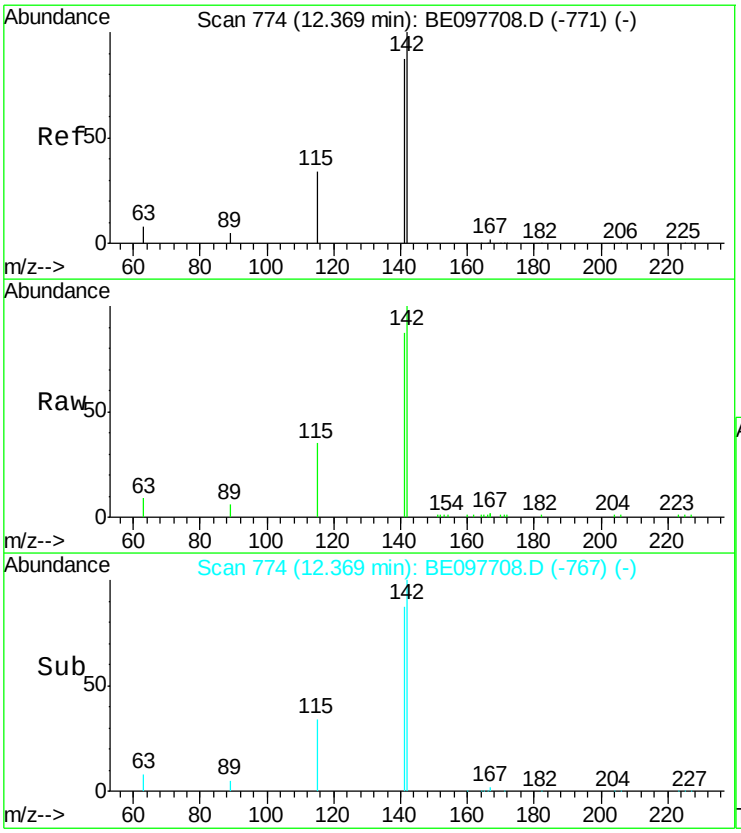
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 13314

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2

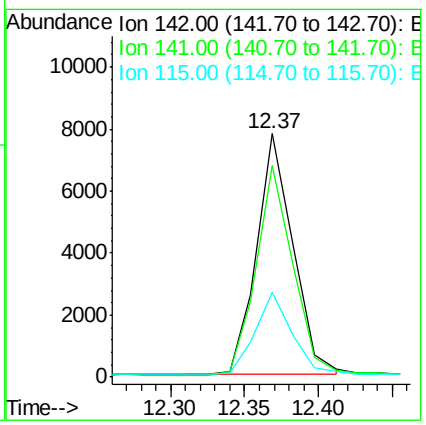


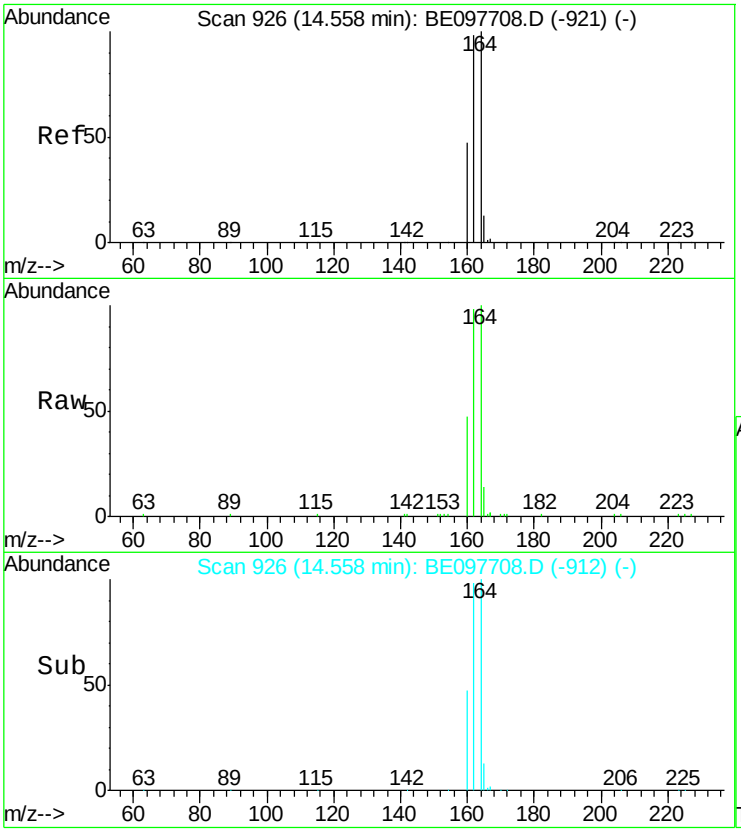


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.37 min Scan# 774
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:142 Resp: 13258

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.2
115	35.0	28.0	42.0



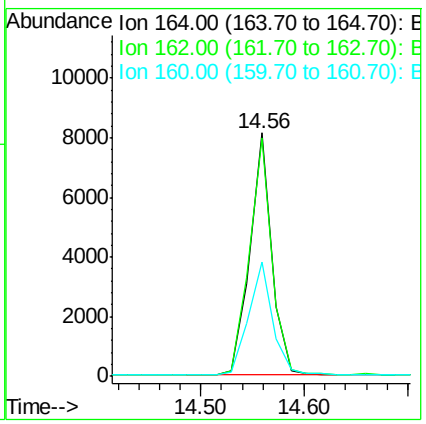


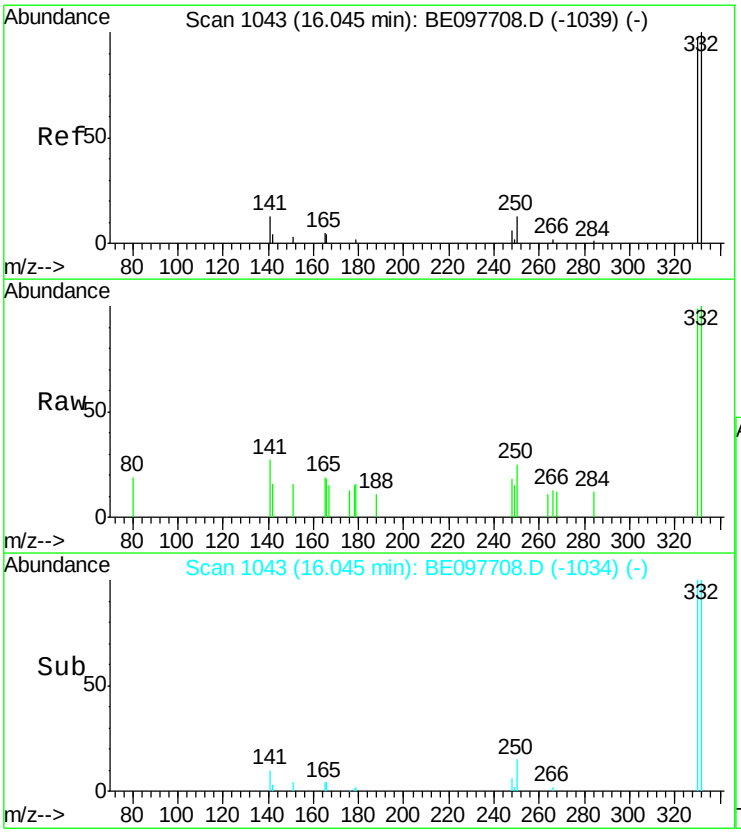
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 11931

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.6	117.8
160	47.2	37.8	56.6

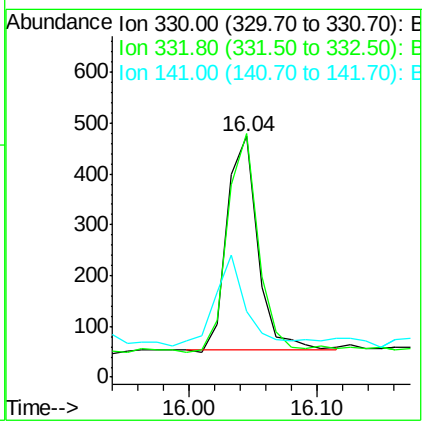


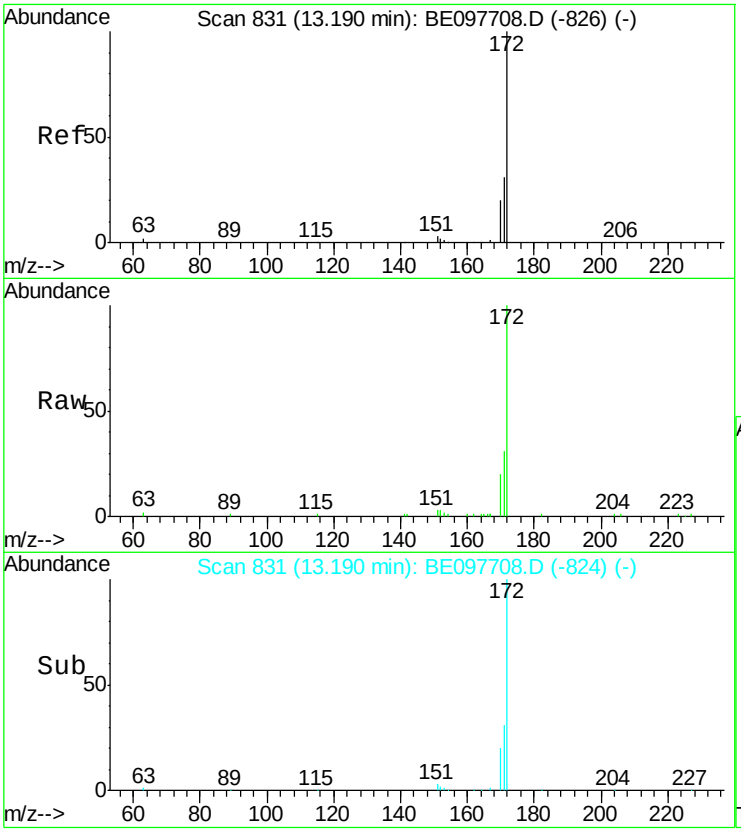


#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:330 Resp: 697

Ion	Ratio	Lower	Upper
330	100		
332	104.4	83.5	125.3
141	43.6	34.9	52.3



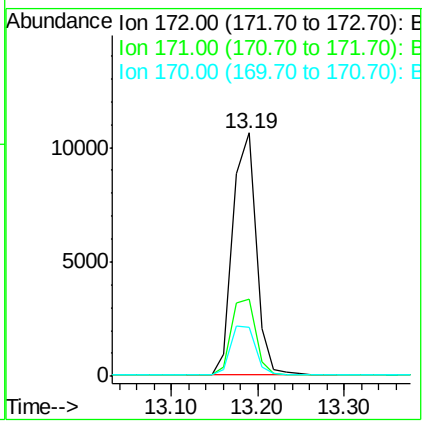


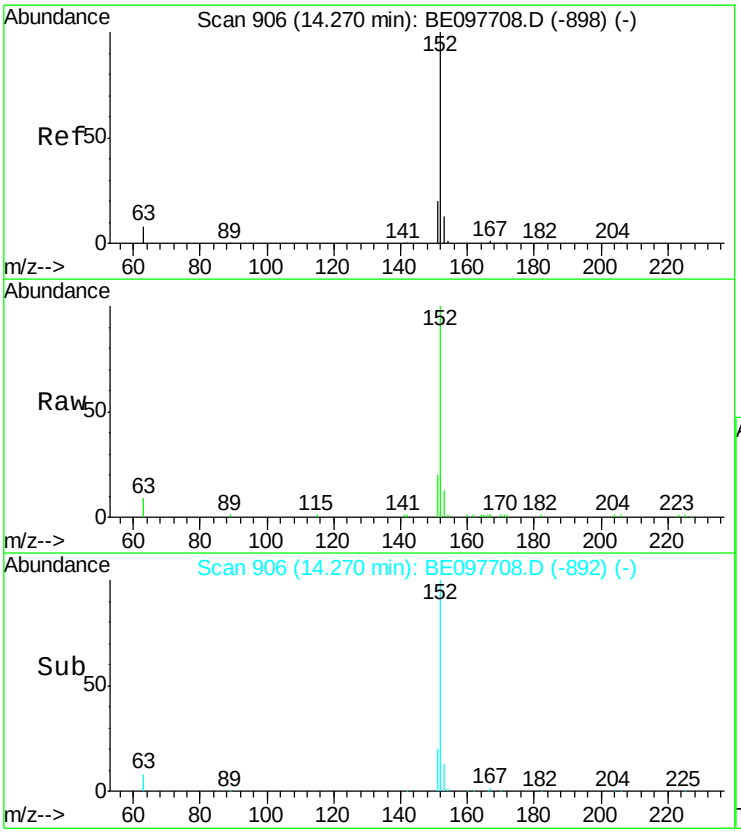
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.19 min Scan# 831
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 19801

Ion	Ratio	Lower	Upper
172	100		
171	31.5	25.2	37.8
170	20.2	16.2	24.2

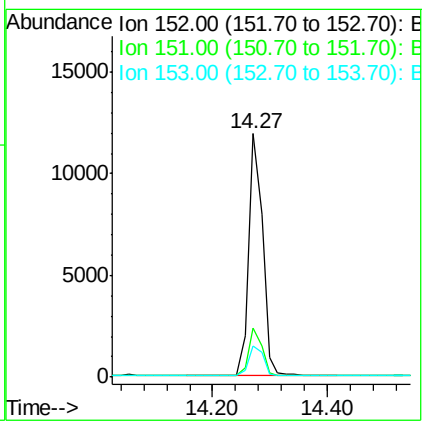


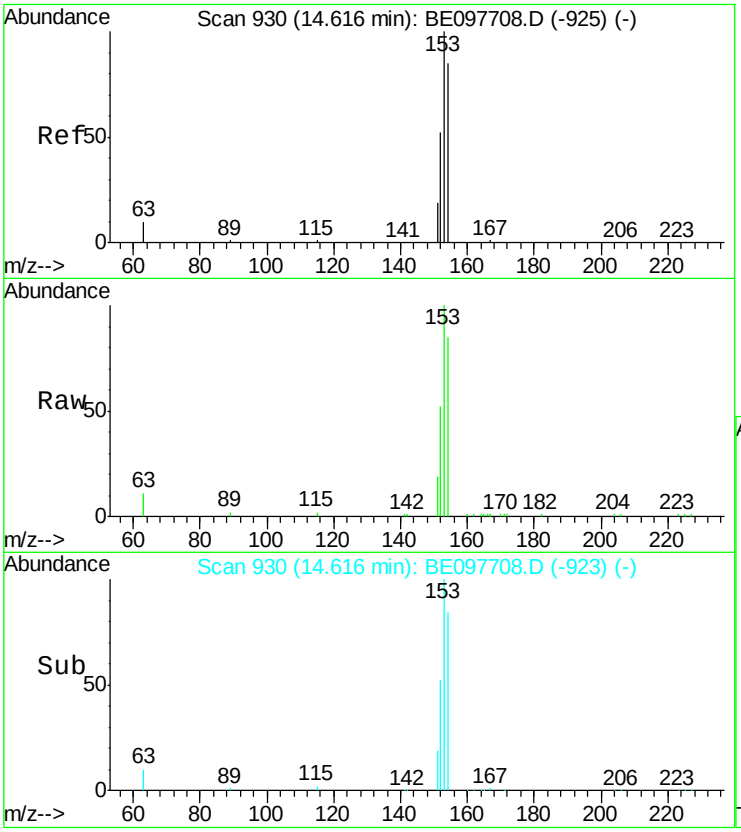


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:152 Resp: 20114

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	13.5	10.8	16.2



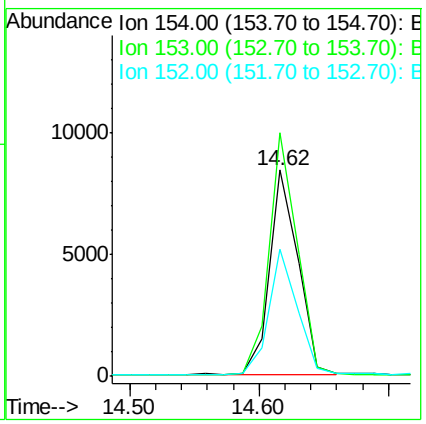


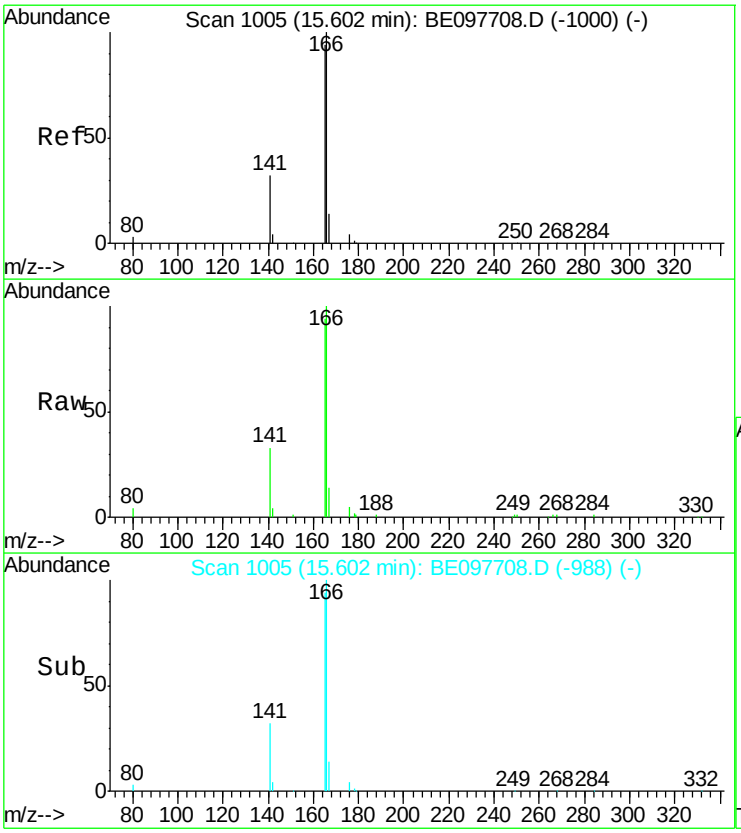
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.62 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 12832

Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.3	139.9
152	61.1	48.9	73.3

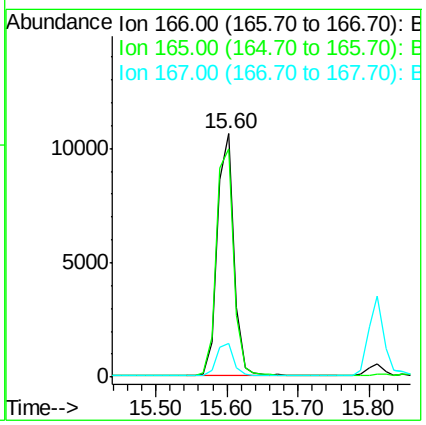


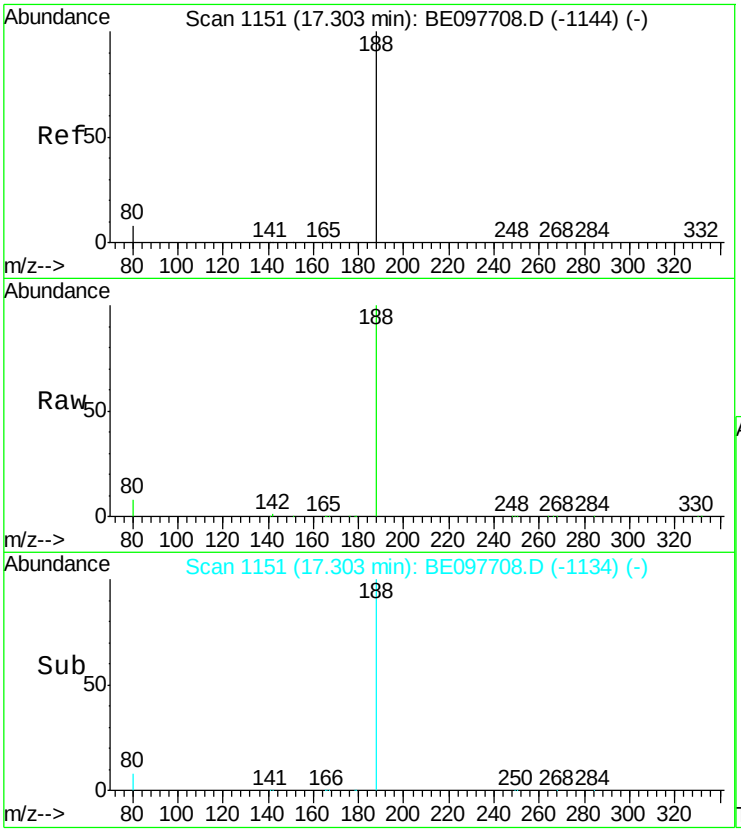


#18
Fluorene
Concen: 0.391 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:166 Resp: 17118

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.9	11.1	16.7



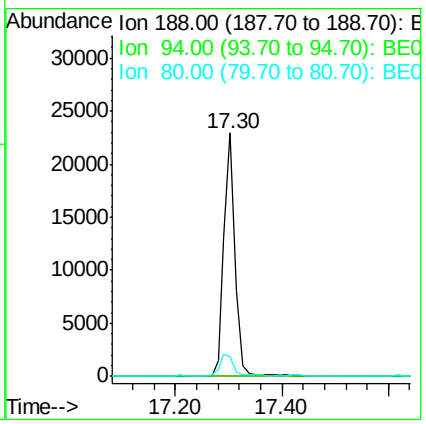


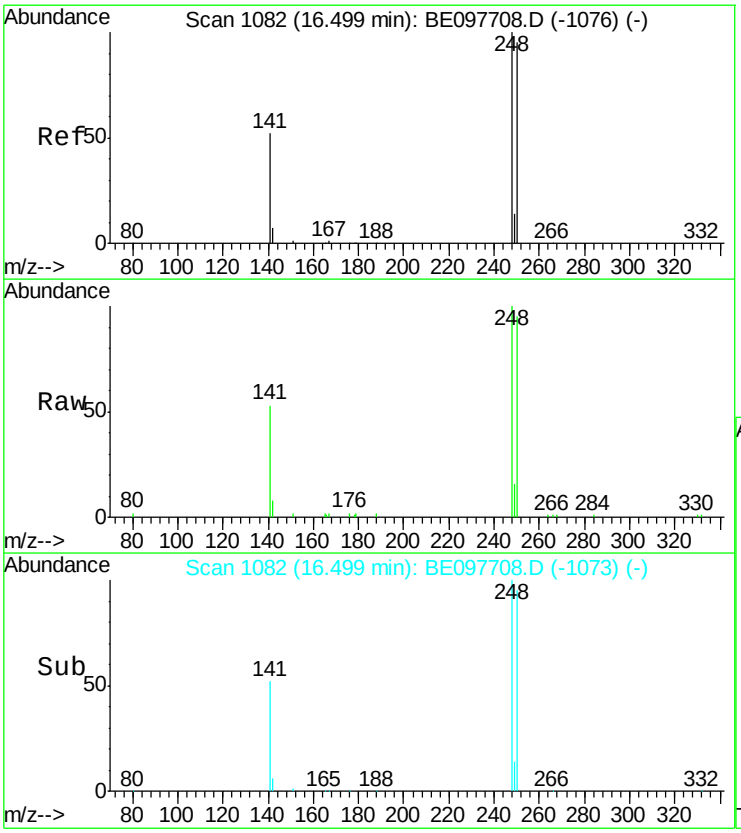
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 33272

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.6	9.8

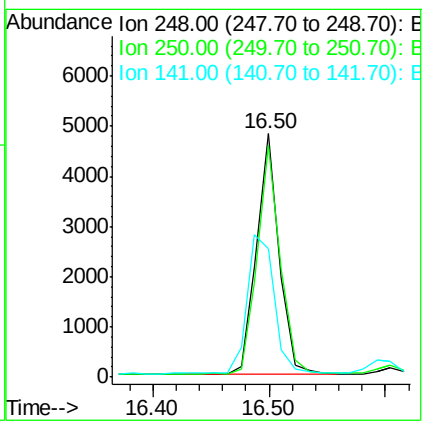


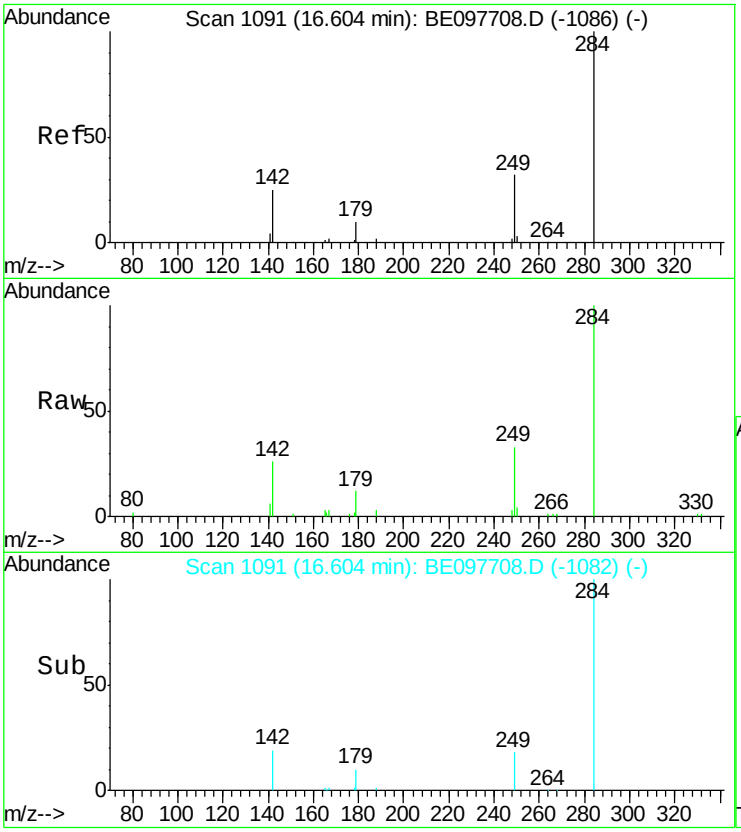


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.50 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:248 Resp: 6506

Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.1	114.1
141	52.8	42.2	63.4



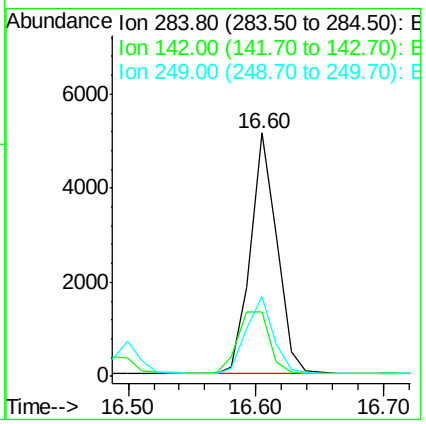


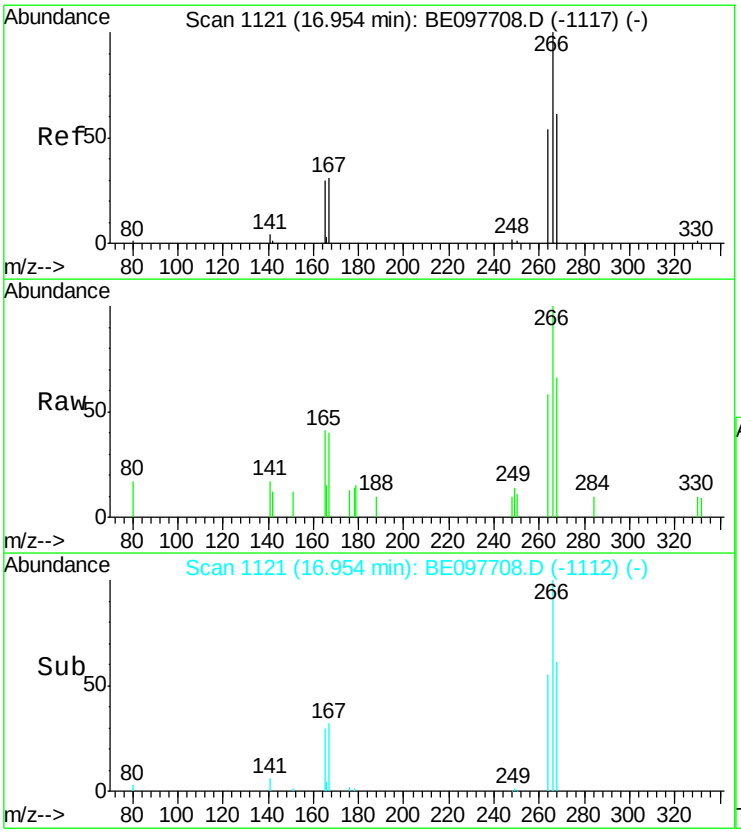
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 7463

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.9	37.3
249	32.3	25.8	38.8

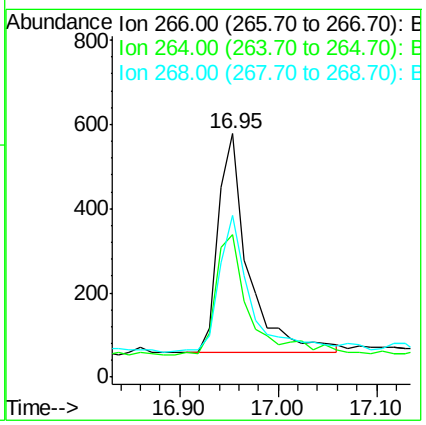


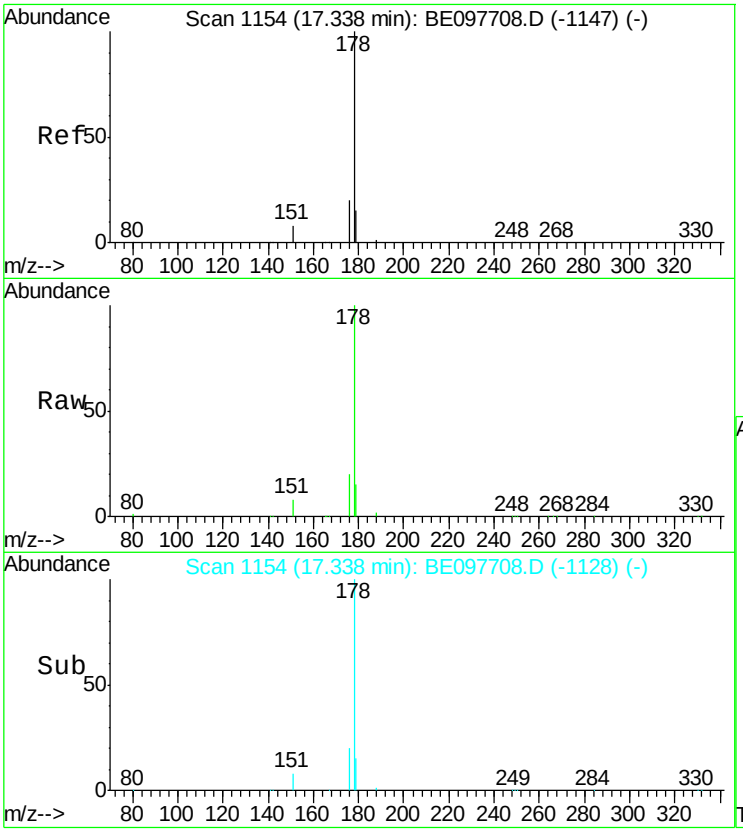


#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:266 Resp: 1088

Ion	Ratio	Lower	Upper
266	100		
264	58.5	46.8	70.2
268	66.3	53.0	79.6



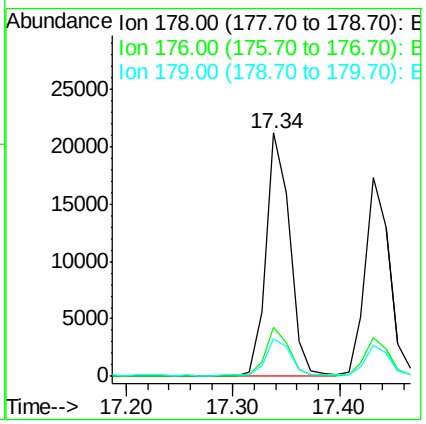


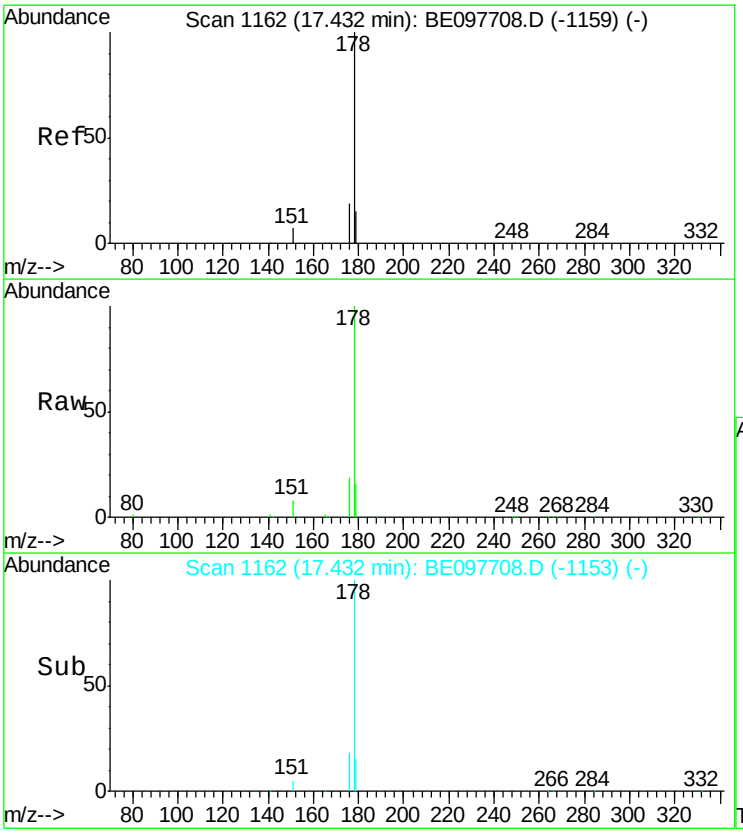
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 32647

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

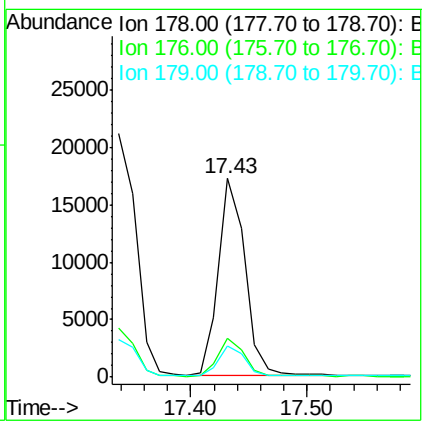


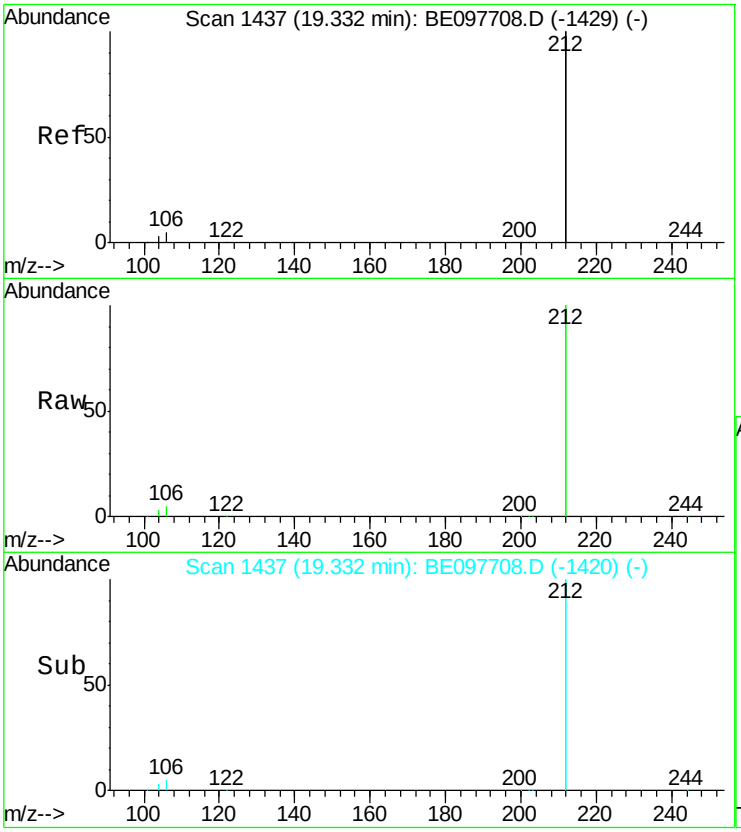


#24
Anthracene
Concen: 0.382 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:178 Resp: 27053

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.2	18.2



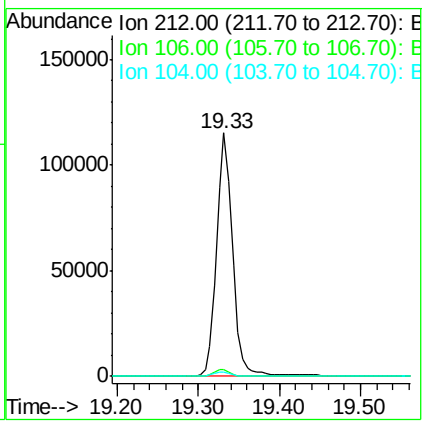


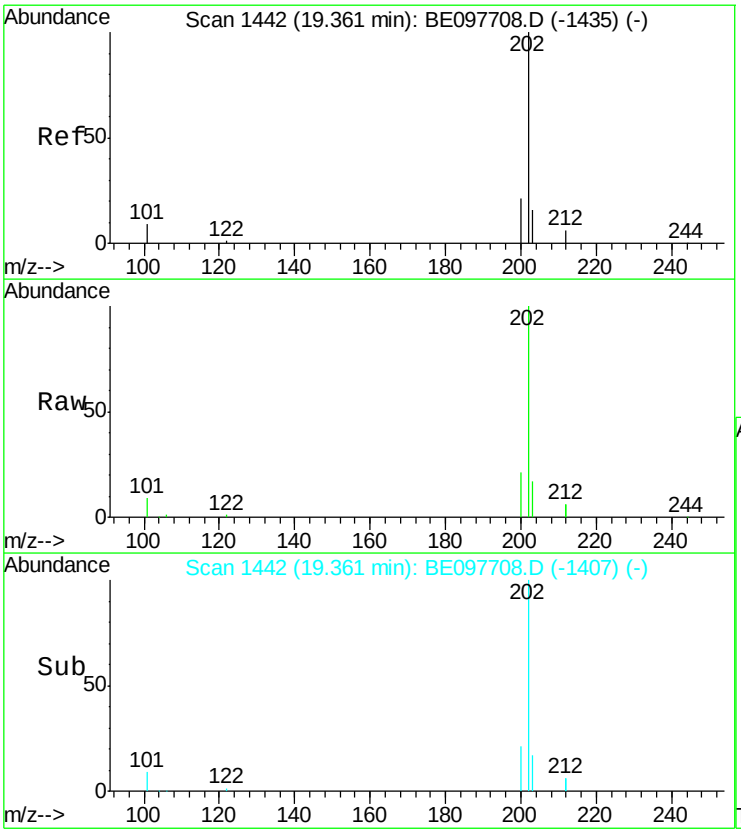
#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 156426

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.2	1.8

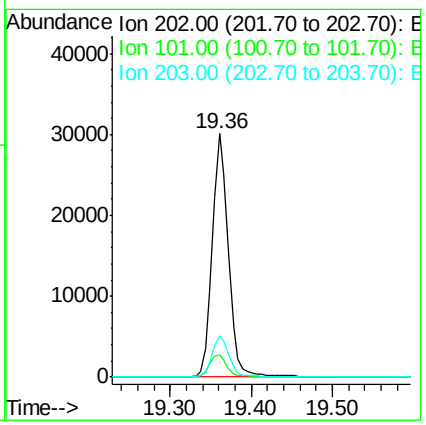


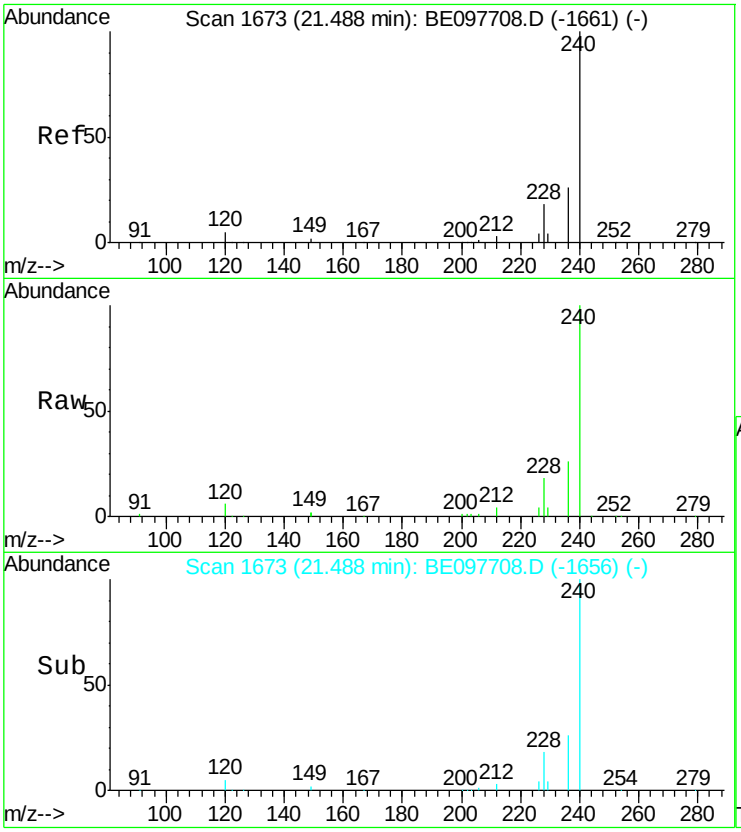


#26
Fluoranthene
Concen: 0.382 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:202 Resp: 40794

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
203	17.2	13.8	20.6



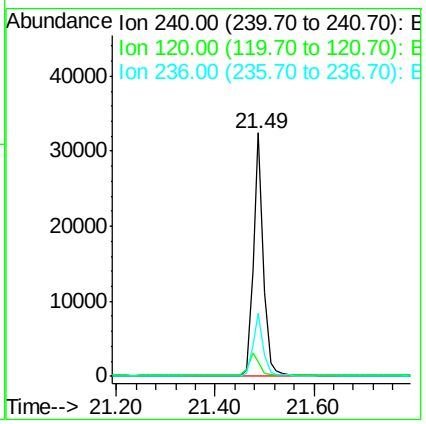


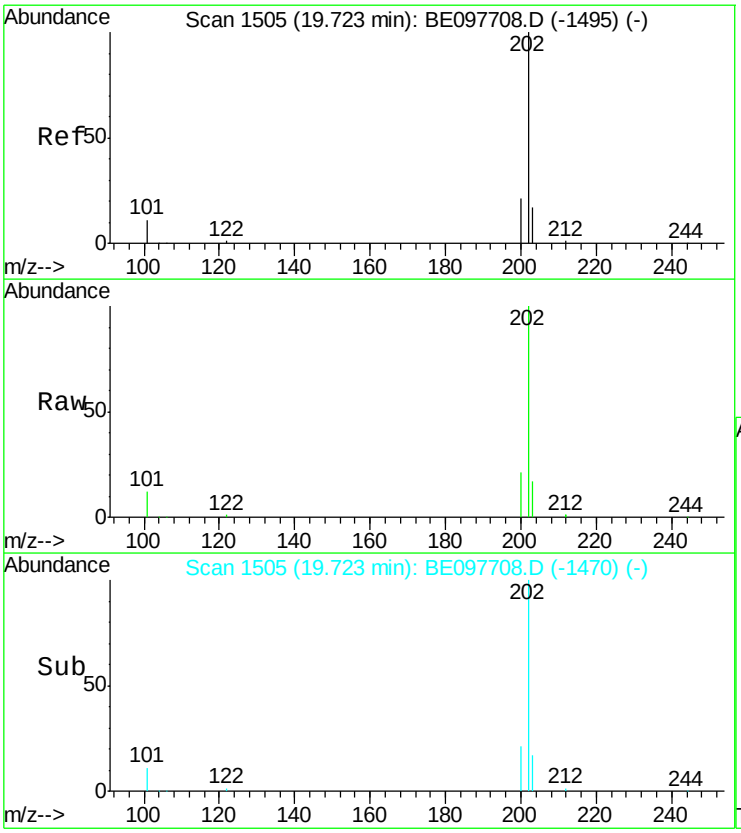
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 45213

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.7	7.1
236	26.0	20.8	31.2

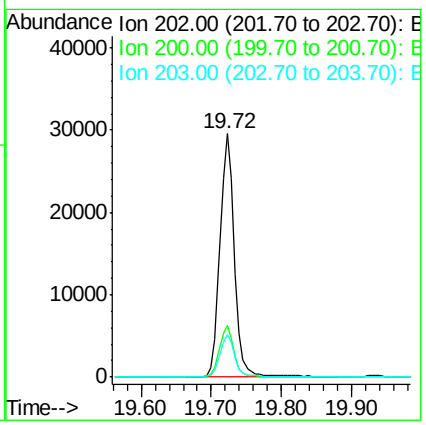


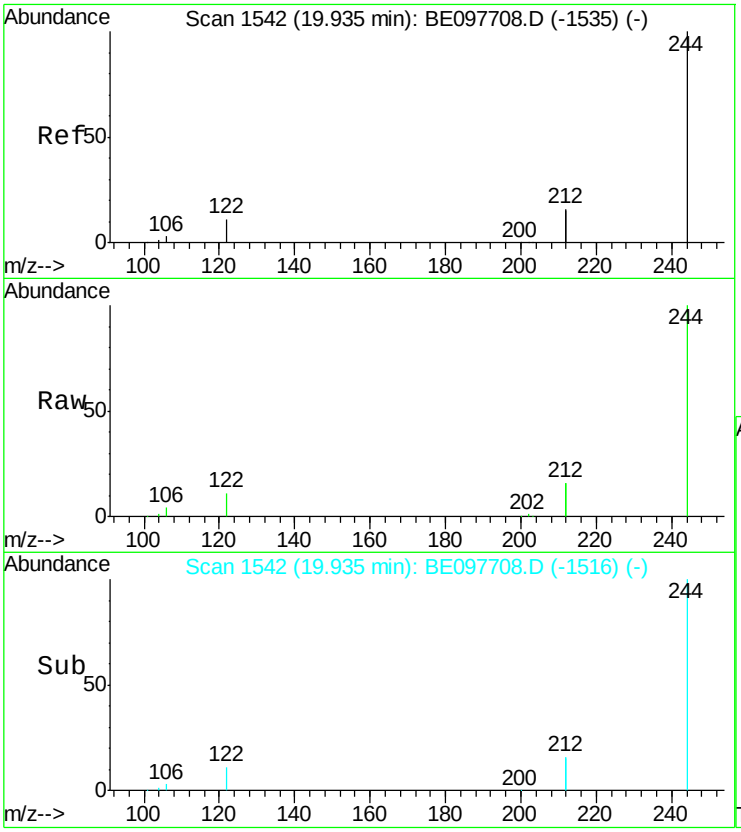


#28
Pyrene
Concen: 0.352 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:202 Resp: 41429

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	13.9	20.9



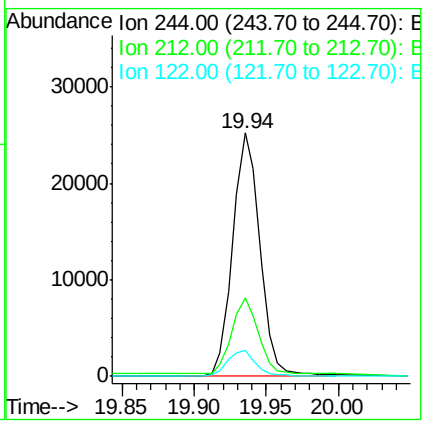


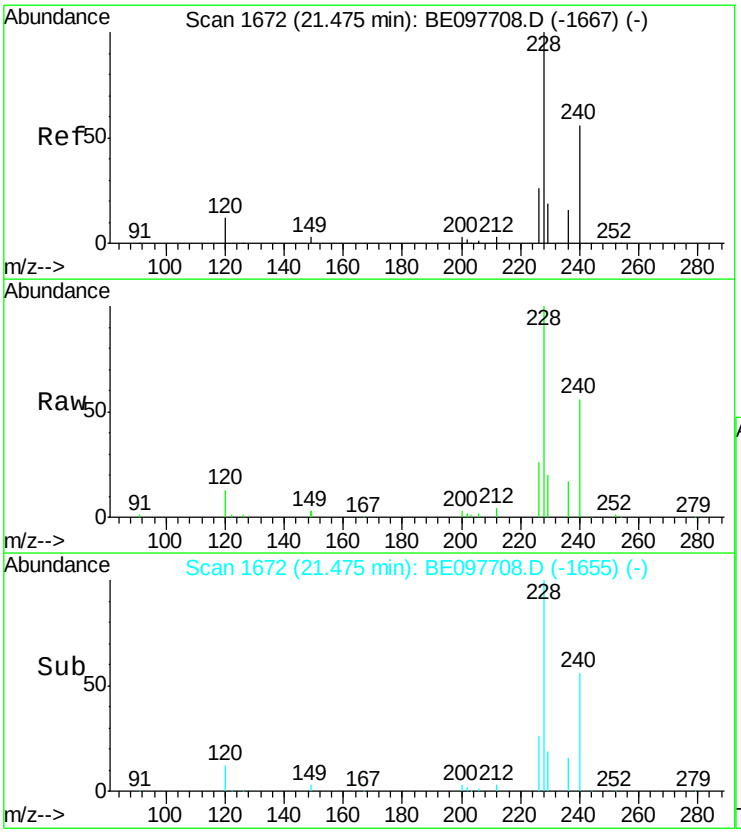
#29
Terphenyl-d14
Concen: 0.338 ng
RT: 19.94 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 32965

Ion	Ratio	Lower	Upper
244	100		
212	32.3	25.8	38.8
122	10.9	8.7	13.1

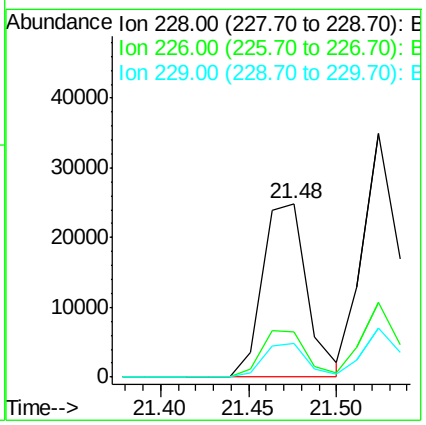


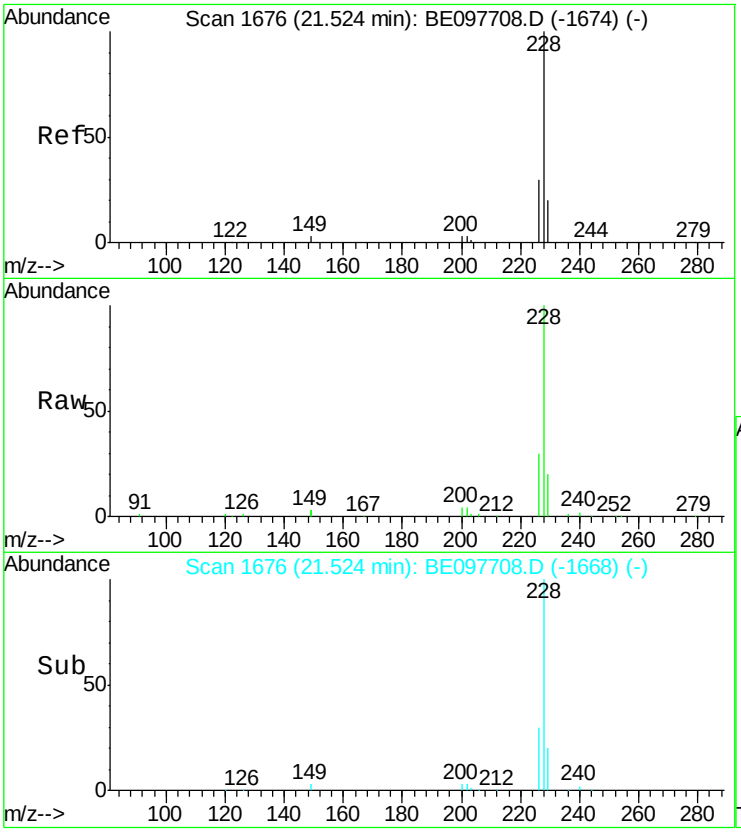


#30
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.48 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:228 Resp: 43552

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	19.6	15.7	23.5



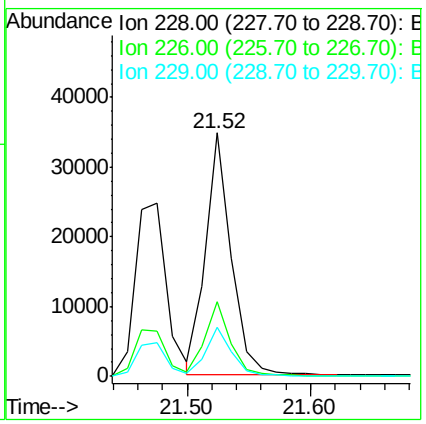


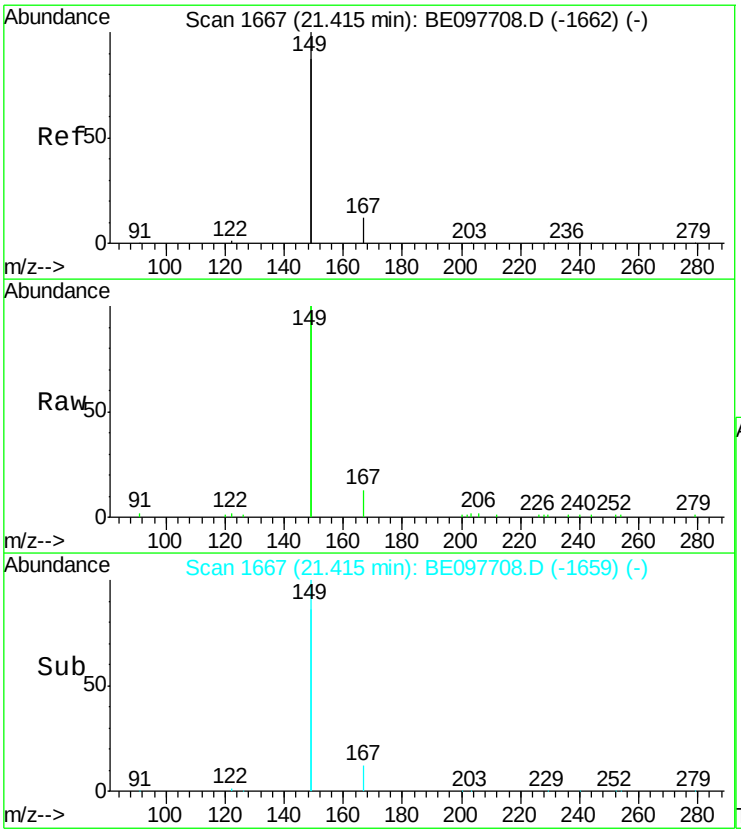
#31
Chrysene
Concen: 0.359 ng
RT: 21.52 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 50156

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.0	16.0	24.0

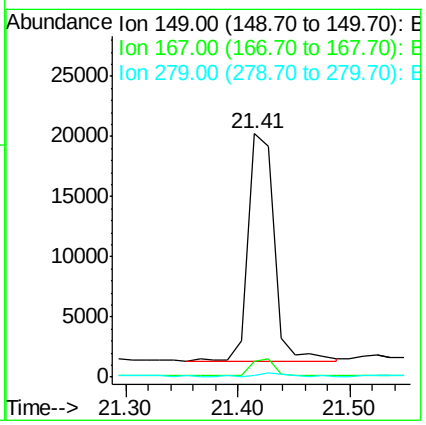


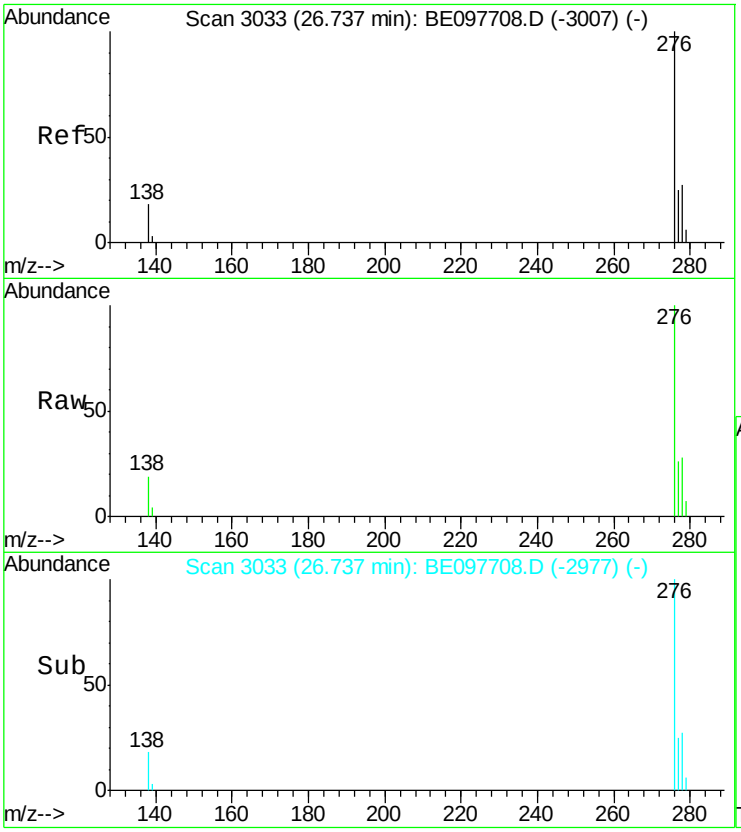


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.223 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:149 Resp: 30709

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.1	0.9	1.3



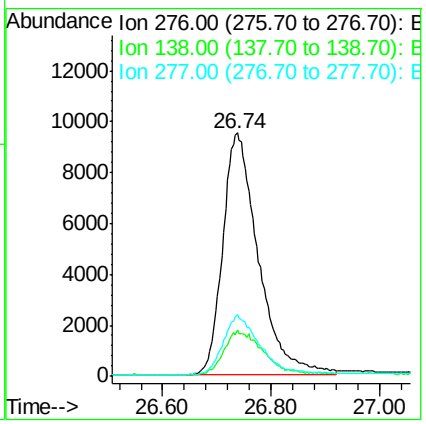


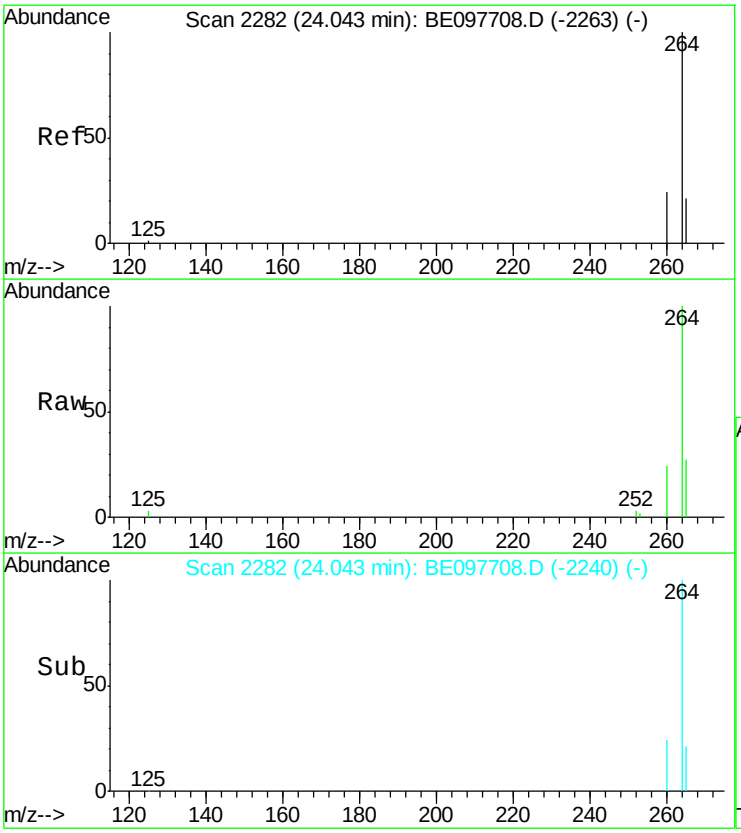
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 43319

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.0	22.6
277	24.1	19.2	28.8

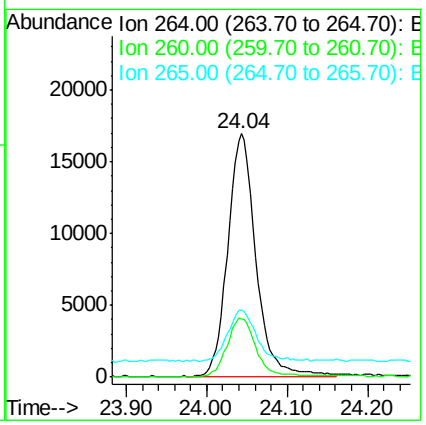


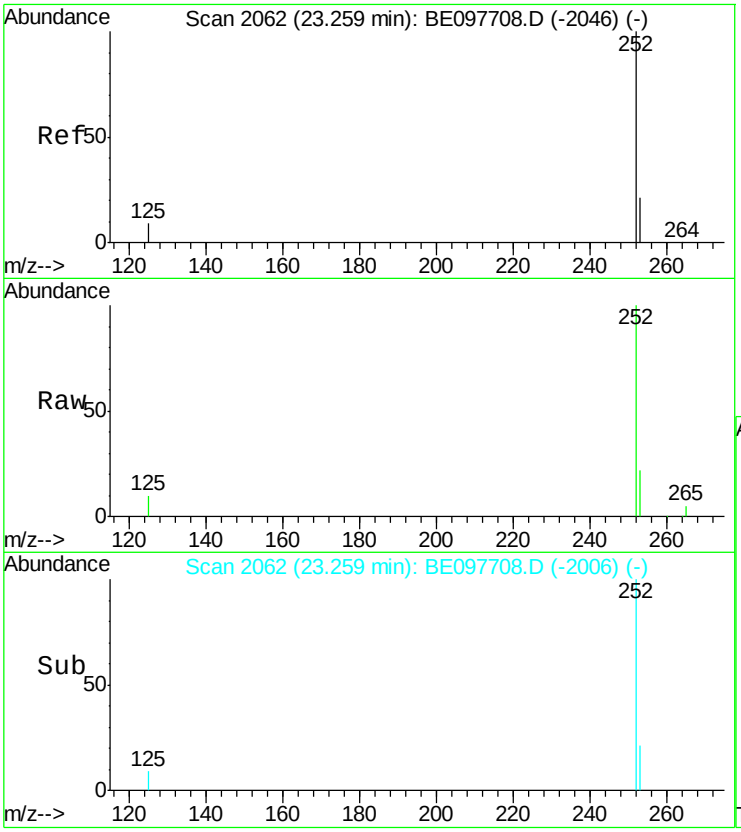


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:264 Resp: 40683

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	27.4	21.9	32.9



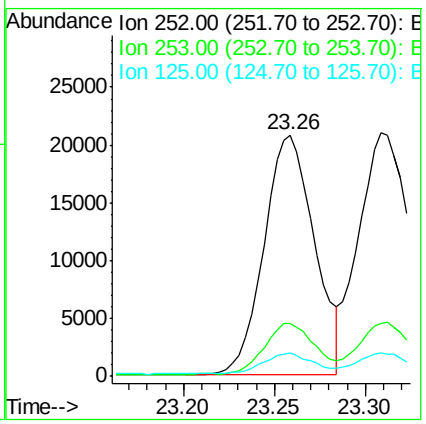


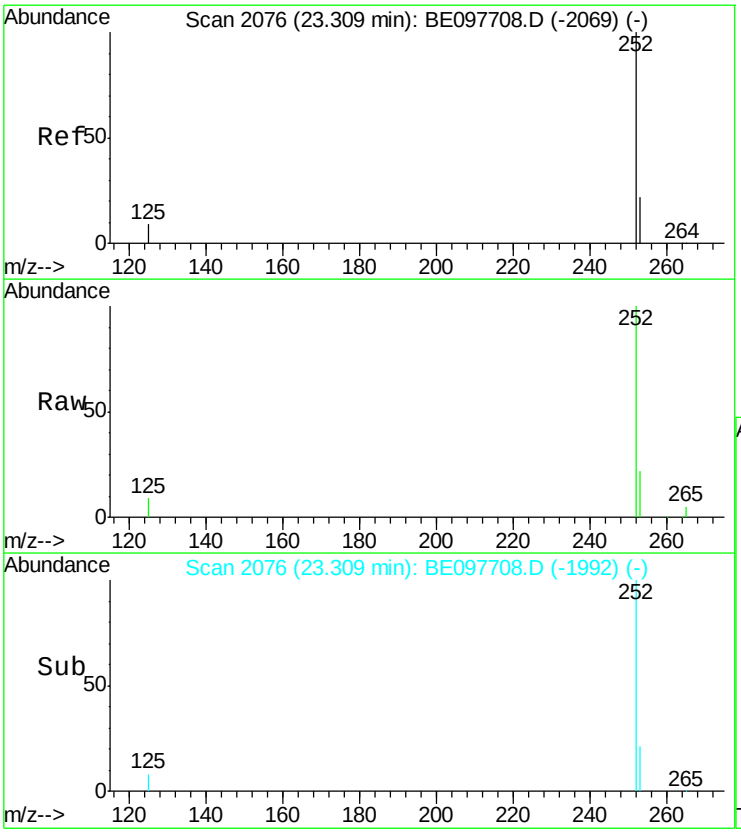
#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 23.26 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 39785

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.8	7.8	11.8

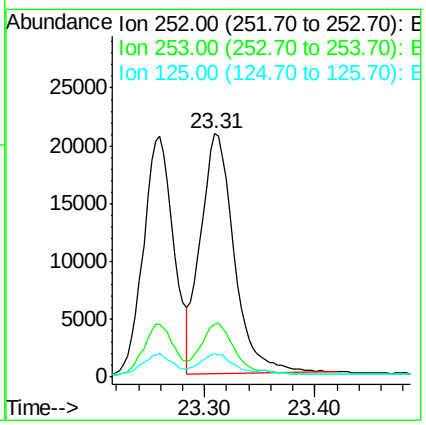


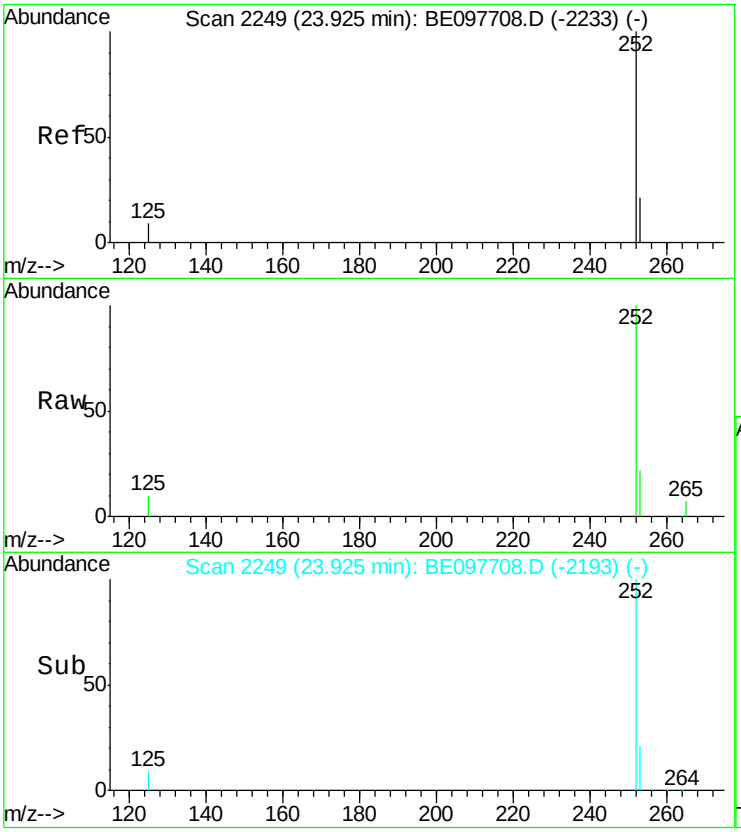


#36
Benzo(k)fluoranthene
Concen: 0.327 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:252 Resp: 44357

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.4	7.5	11.3



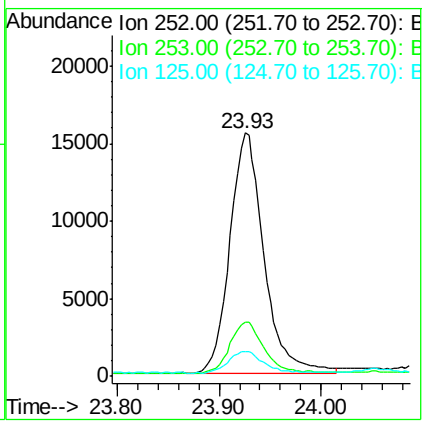


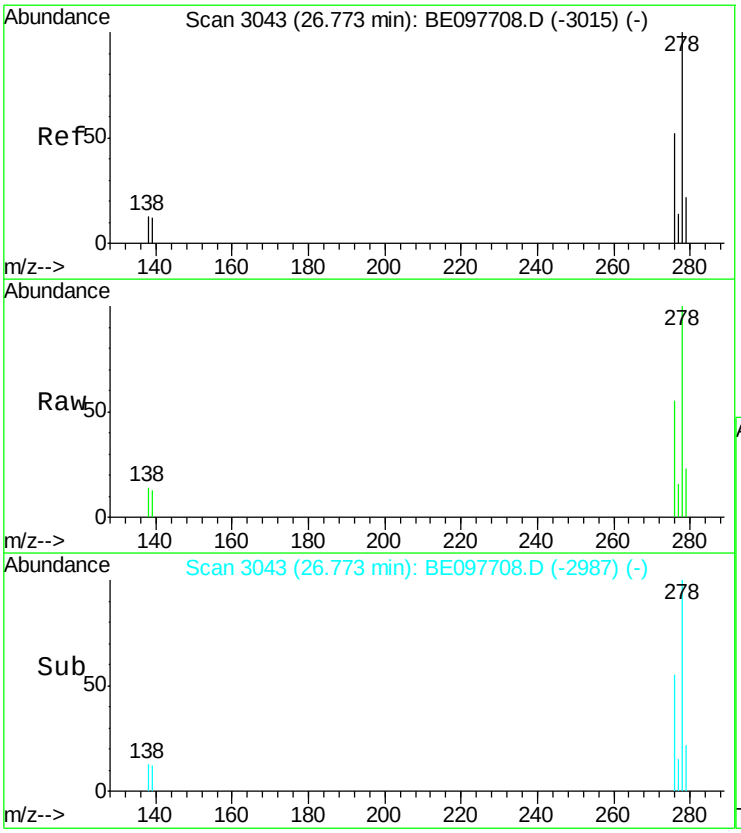
#37
Benzo(a)pyrene
Concen: 0.321 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 36173

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.3	12.5

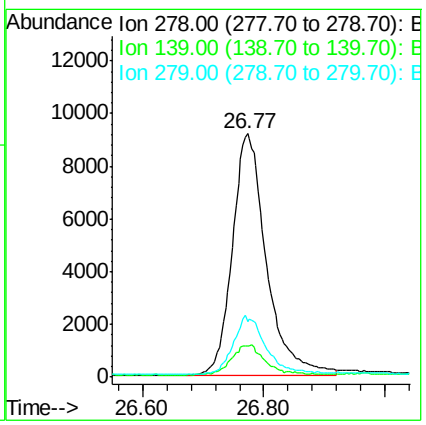


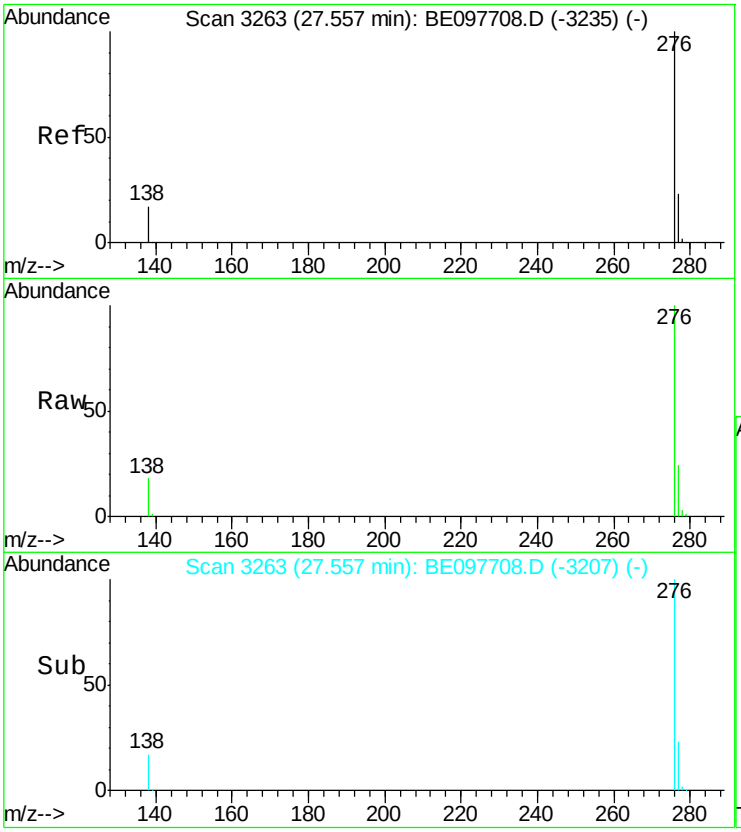


#38
Dibenzo(a,h)anthracene
Concen: 0.292 ng
RT: 26.77 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:278 Resp: 35733

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.3	15.5
279	23.0	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.308 ng
RT: 27.56 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 38235

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.7	14.2	21.2