Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097712.D
Acq On : 3 Oct 2018 12:51
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE100318

Quant Time: Oct 03 14:24:55 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 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5196	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	21033	0.40	ng		0.01
13) Acenaphthene-d10	14.56	164	12124	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	32786	0.40	ng		0.00
27) Chrysene-d12	21.49	240	41511	0.40	ng		0.00
34) Perylene-d12	24.05	264	37686	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	4607	0.37	ng		0.00
5) Phenol-d6	7.05	99	6832	0.36	ng		0.00
8) Nitrobenzene-d5	9.06	82	2956	0.43	ng		0.01
11) 2-Methylnaphthalene-d10	12.31	152	12871	0.38	ng		0.01
14) 2,4,6-Tribromophenol	16.04	330	792	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	19644	0.37	ng		0.00
25) Fluoranthene-d10	19.34	212	151791	0.37	ng		0.00
29) Terphenyl-d14	19.94	244	32089	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	4002	0.387	ng		98
3) n-Nitrosodimethylamine	3.71	42	3250	0.345	ng	#	86
6) bis(2-Chloroethyl)ether	7.32	93	7301	0.375	ng		99
9) Naphthalene	10.76	128	82420	0.389	ng		99
10) Hexachlorobutadiene	11.04	225	4342	0.386	ng		99
12) 2-Methylnaphthalene	12.38	142	13292	0.392	ng		97
16) Acenaphthylene	14.28	152	19536	0.364	ng		98
17) Acenaphthene	14.63	154	12633	0.367	ng		98
18) Fluorene	15.60	166	16896	0.370	ng		99
20) 4-Bromophenyl-phenylether	16.50	248	6425	0.374	ng	#	87
21) Hexachlorobenzene	16.62	284	7583	0.392	ng		98
22) Pentachlorophenol	16.95	266	1137	0.375	ng		98
23) Phenanthrene	17.35	178	32542	0.385	ng		98
24) Anthracene	17.44	178	26914	0.369	ng		100
26) Fluoranthene	19.37	202	39835	0.370	ng		100
28) Pyrene	19.72	202	39902	0.378	ng		99
30) Benzo(a)anthracene	21.47	228	39720	0.356	ng		98
31) Chrysene	21.52	228	48366	0.388	ng		99
32) Bis(2-ethylhexyl)phthalate	21.43	149	28438	0.348	ng		99
33) Indeno(1,2,3-cd)pyrene	26.74	276	39008	0.360	ng	#	89
35) Benzo(b)fluoranthene	23.26	252	35839	0.347	ng		99
36) Benzo(k)fluoranthene	23.32	252	41891	0.365	ng		99
37) Benzo(a)pyrene	23.93	252	32378	0.346	ng		97
38) Dibenzo(a,h)anthracene	26.78	278	32412	0.351	ng		97
39) Benzo(g,h,i)perylene	27.56	276	35063	0.363	ng		99

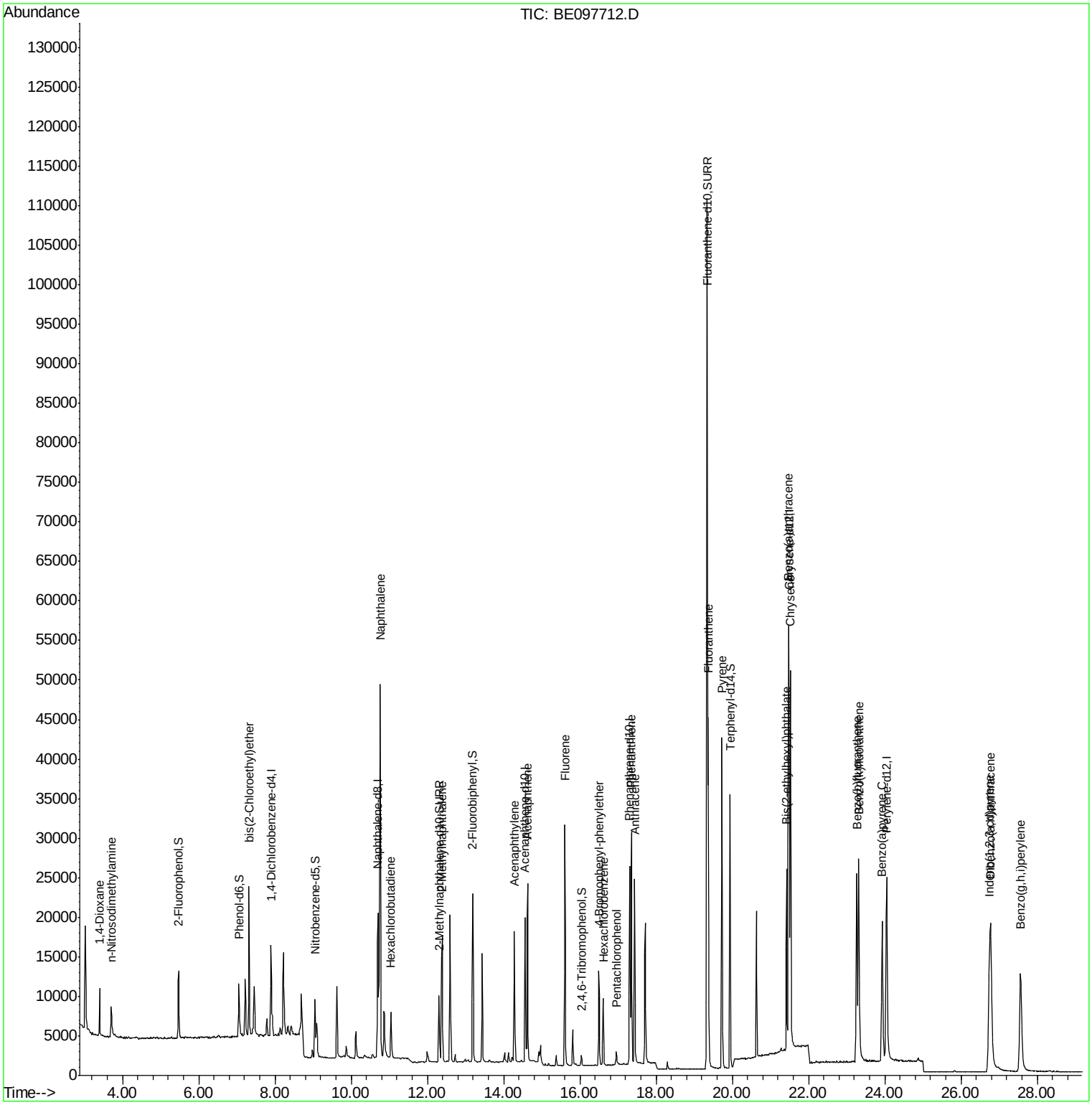
(#) = qualifier out of range (m) = manual integration (+) = signals summed

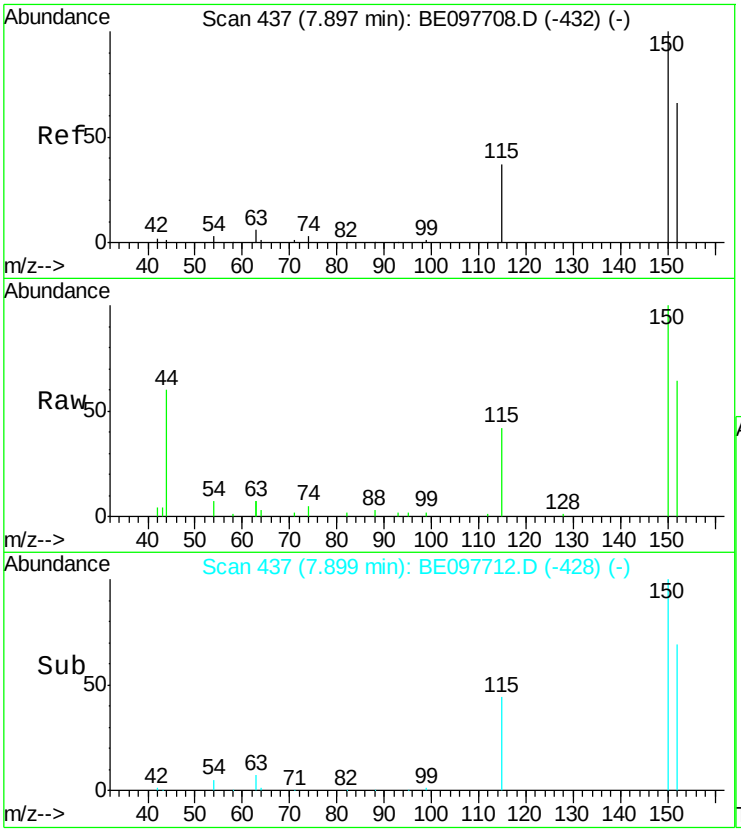
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097712.D
Acq On : 3 Oct 2018 12:51
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Quant Time: Oct 03 14:24:55 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 12:17:19 2018
Response via : Initial Calibration



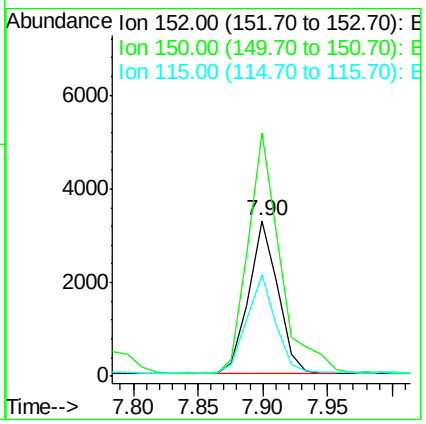


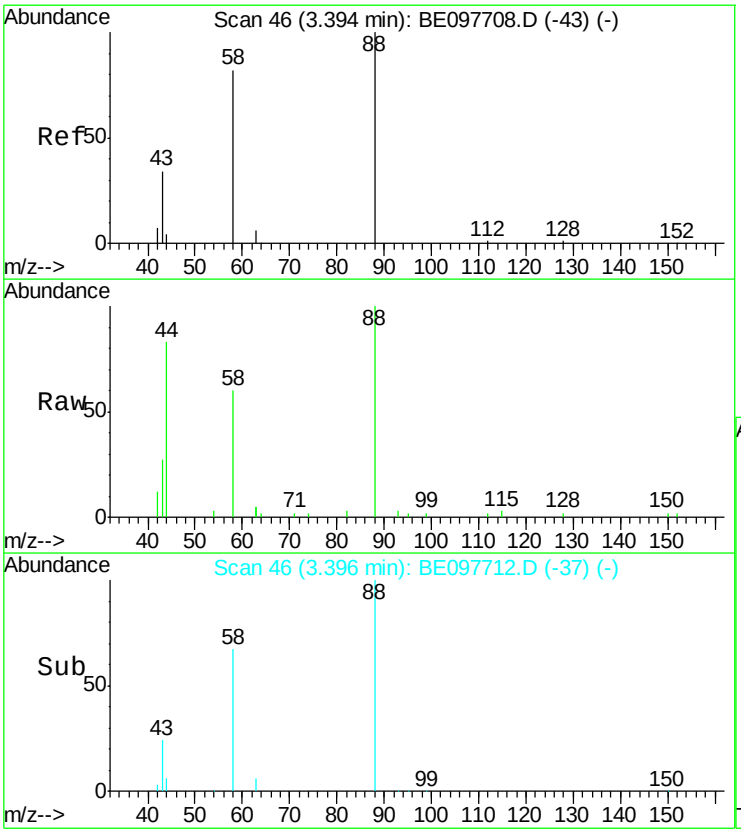
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:152 Resp: 5196

Ion	Ratio	Lower	Upper
152	100		
150	156.2	120.9	181.3
115	64.9	46.6	69.8

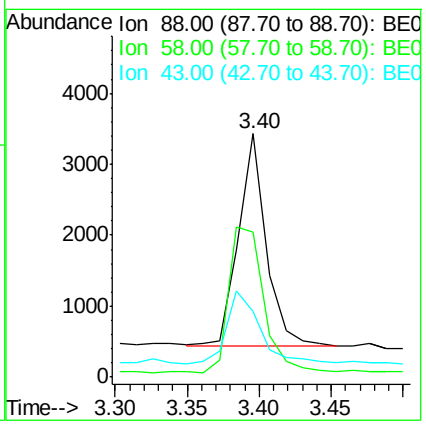


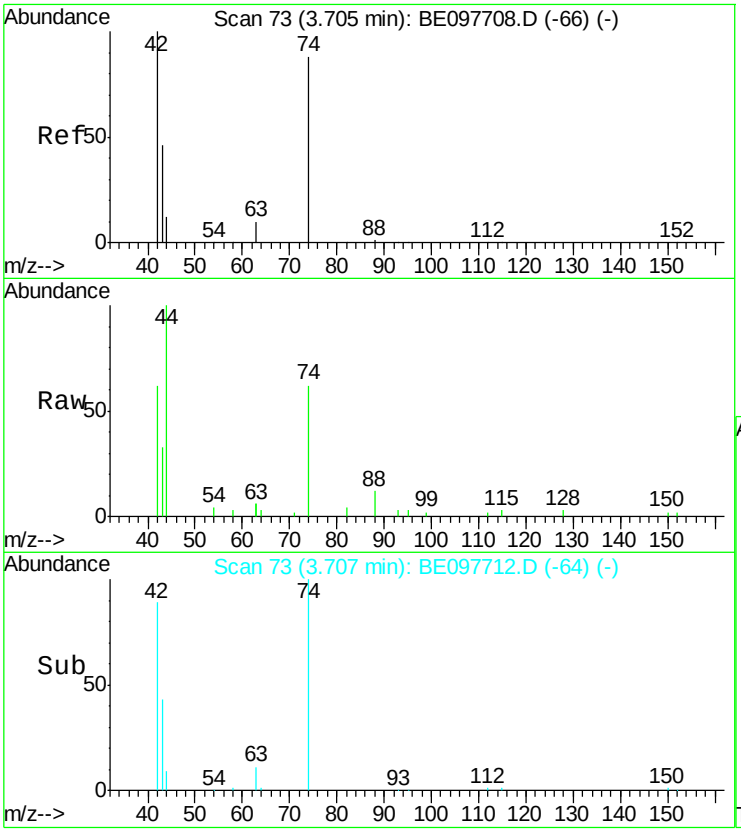


#2
1,4-Dioxane
Concen: 0.387 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion: 88 Resp: 4002

Ion	Ratio	Lower	Upper
88	100		
58	87.1	70.8	106.2
43	40.2	33.3	49.9



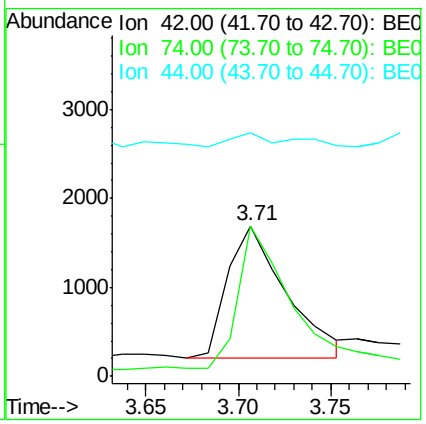


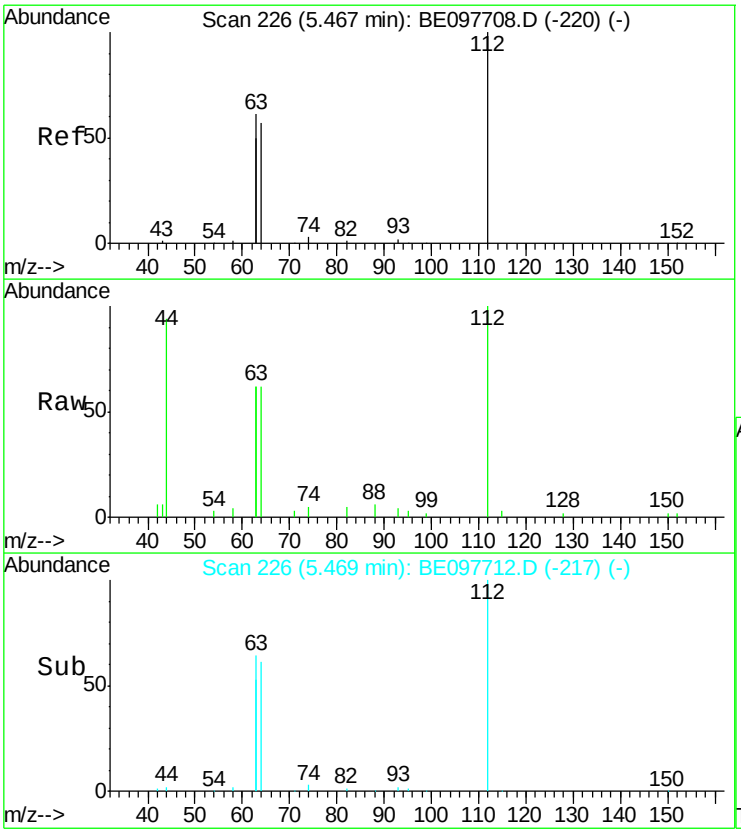
#3
n-Nitrosodimethylamine
Concen: 0.345 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion: 42 Resp: 3250

Ion	Ratio	Lower	Upper
42	100		
74	100.7	70.7	106.1
44	10.7	15.0	22.4#

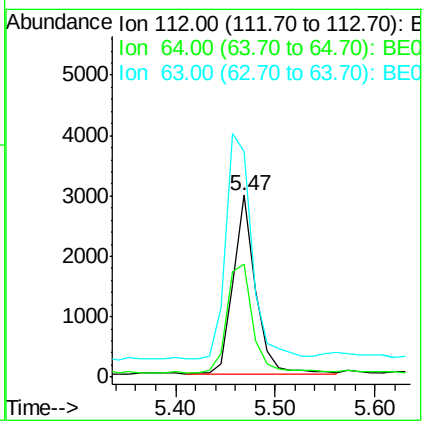


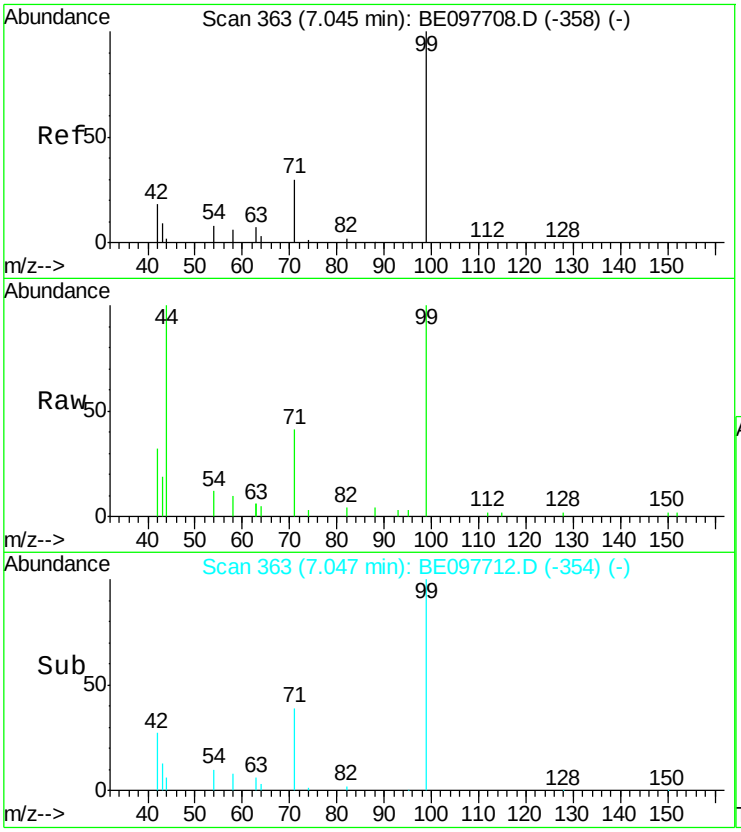


#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:112 Resp: 4607

Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.6	84.8
63	146.7	119.4	179.0



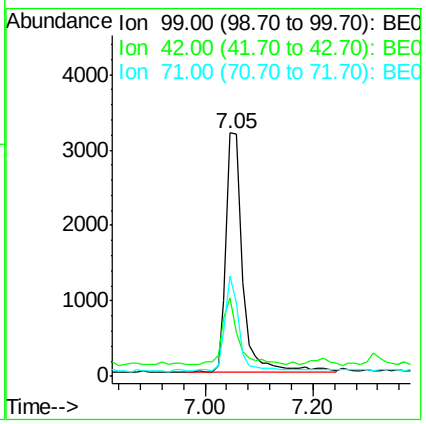


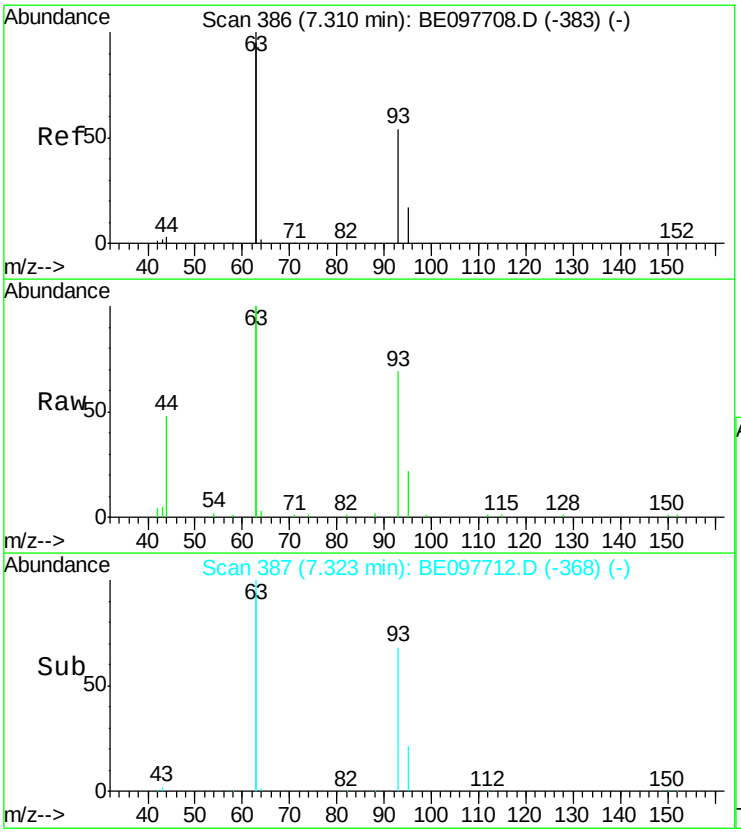
#5
Phenol-d6
Concen: 0.363 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion: 99 Resp: 6832

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.9	29.9
71	33.8	25.4	38.2

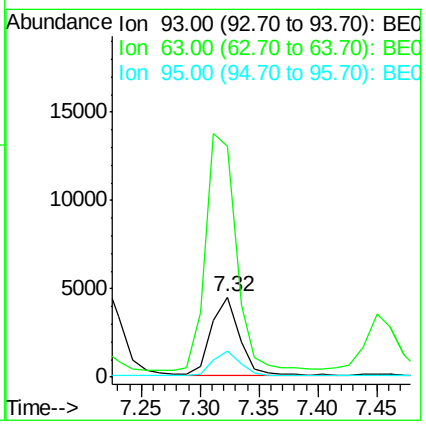


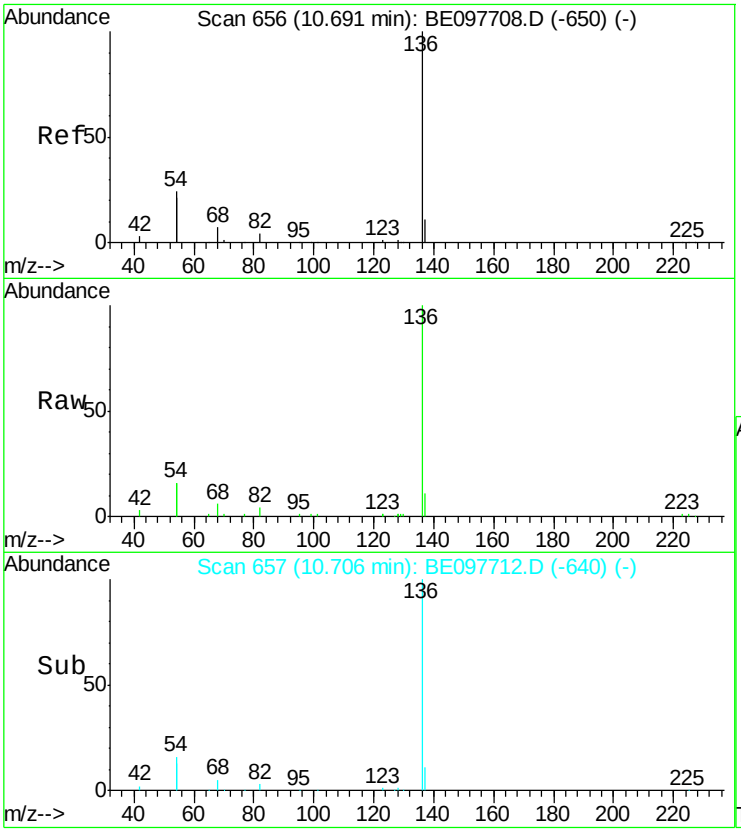


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.32 min Scan# 387
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion: 93 Resp: 7301

Ion	Ratio	Lower	Upper
93	100		
63	331.0	266.9	400.3
95	32.4	26.2	39.2



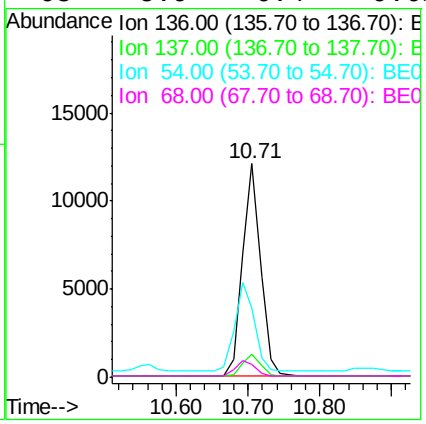


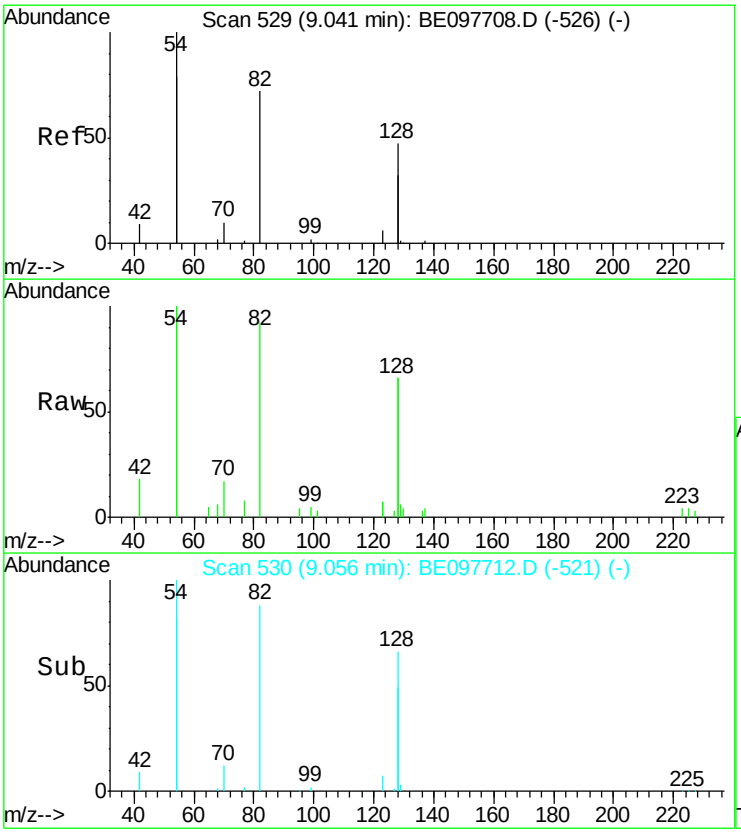
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:136 Resp: 21033

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	32.4	37.8	56.6#
68	5.9	6.4	9.6#

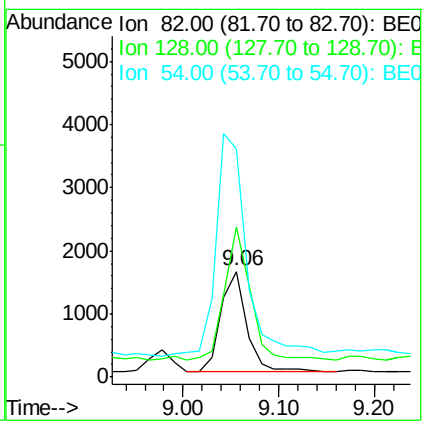


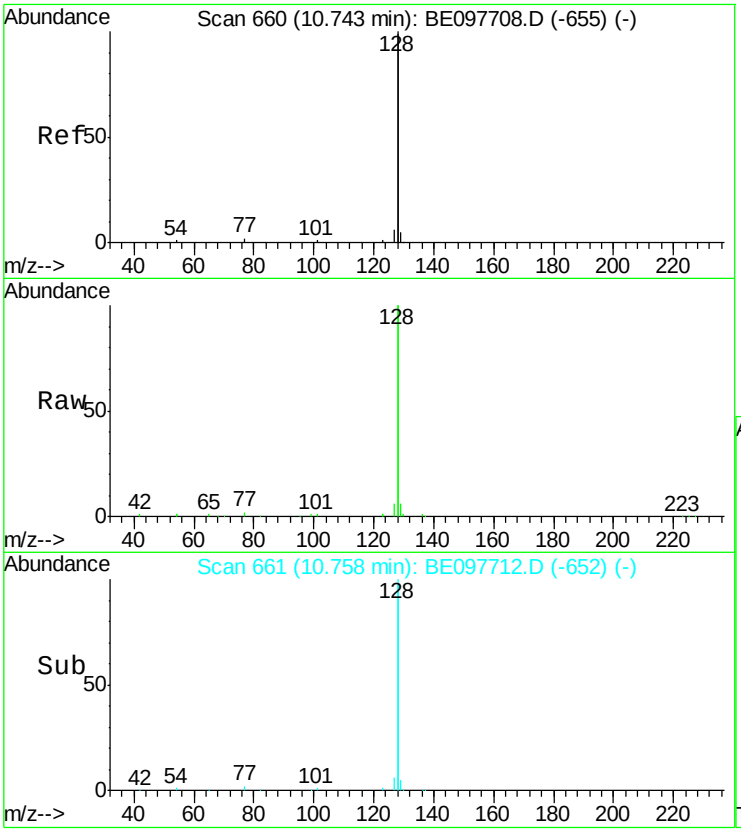


#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion: 82 Resp: 2956

Ion	Ratio	Lower	Upper
82	100		
128	142.3	97.0	145.4
54	216.3	206.9	310.3



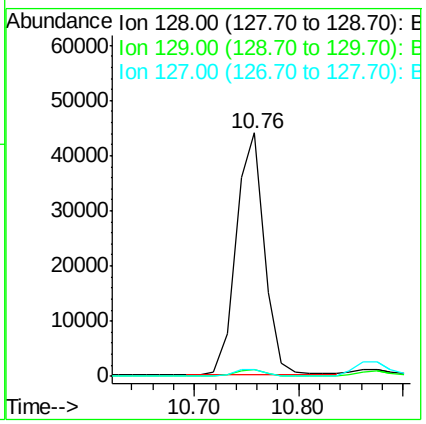


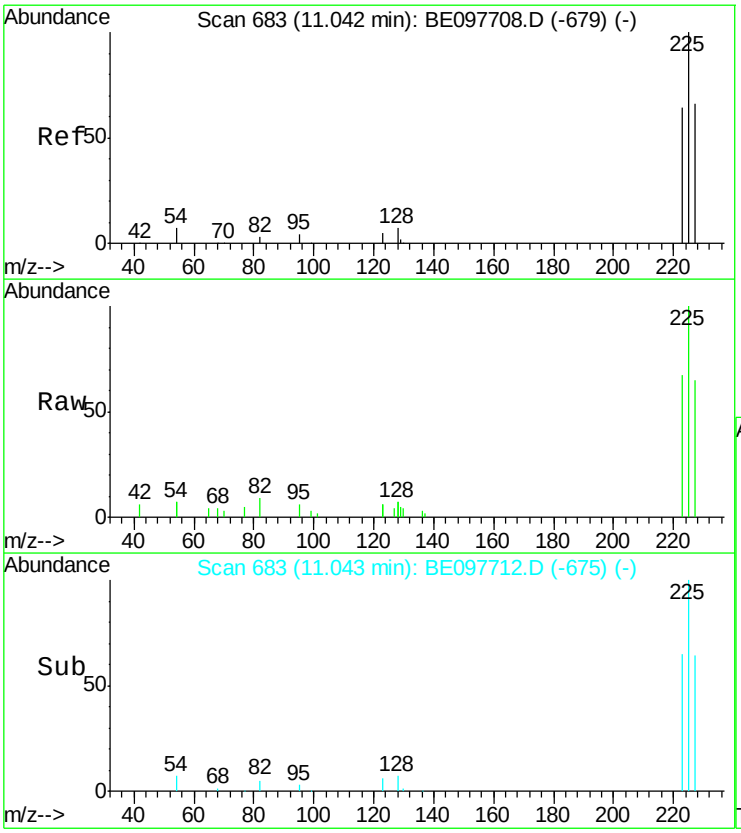
#9
Naphthalene
Concen: 0.389 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:128 Resp: 82420

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.2
127	3.1	2.7	4.1

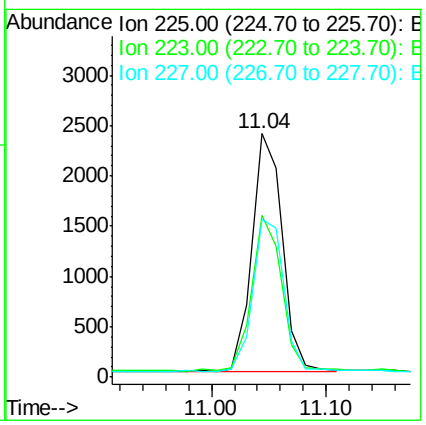


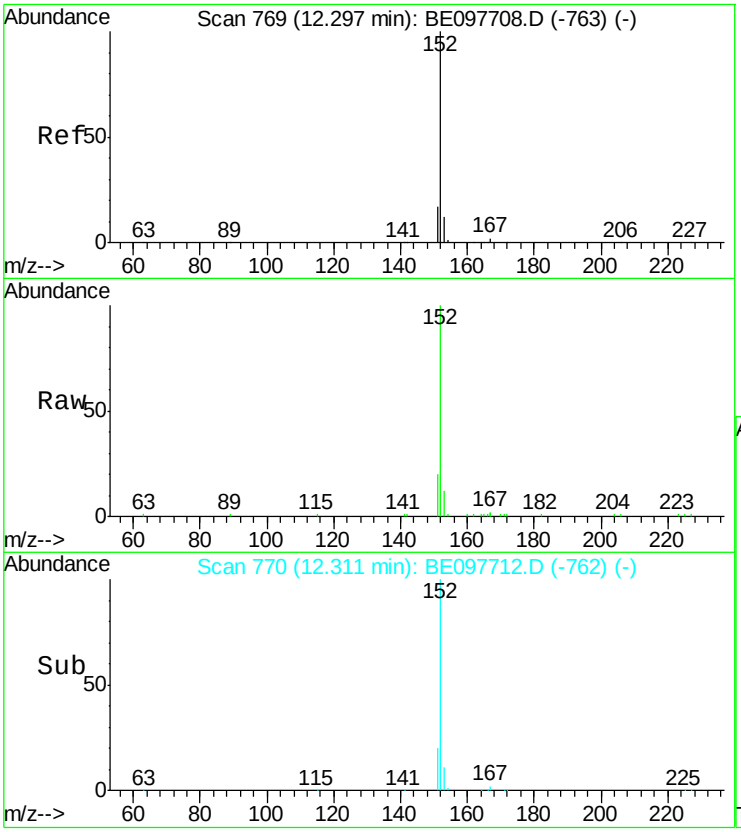


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:225 Resp: 4342

Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	65.7	51.2	76.8



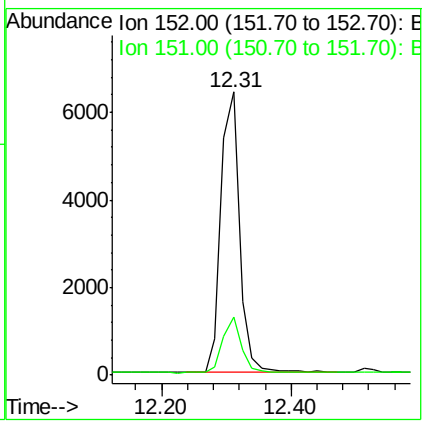


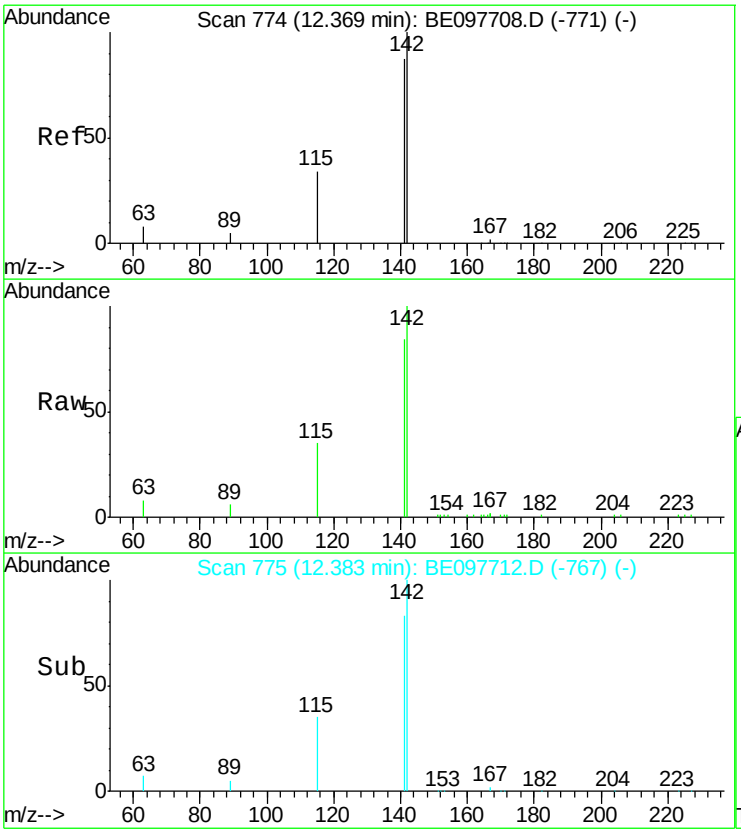
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:152 Resp: 12871

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2

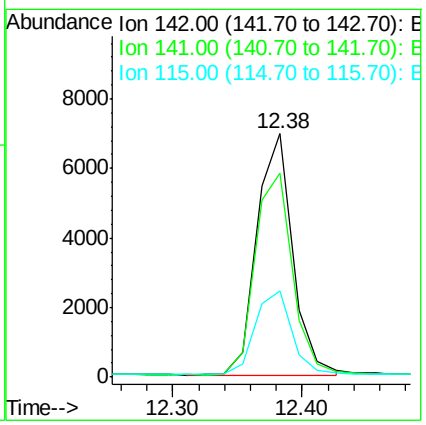


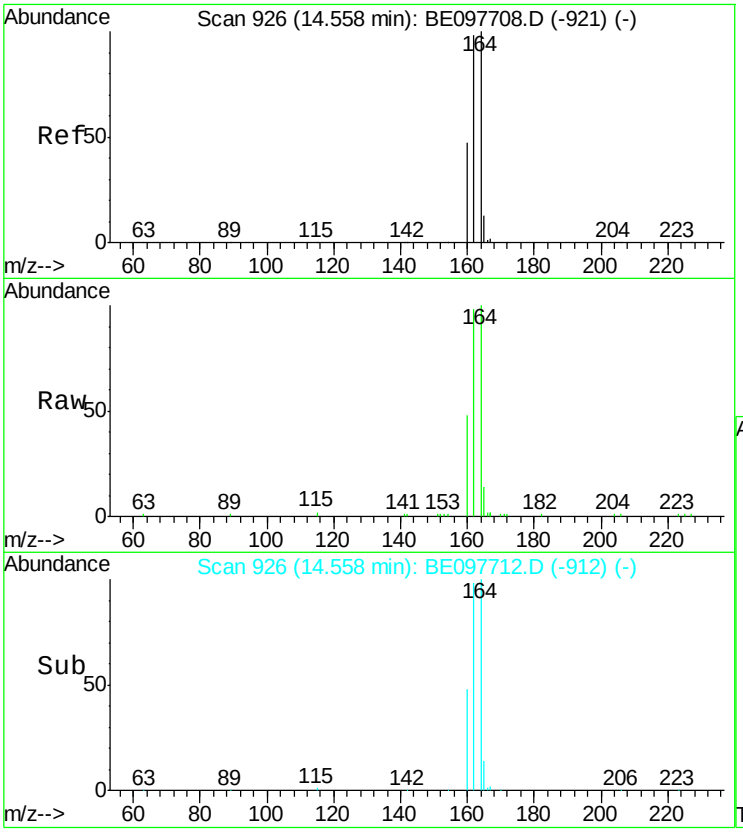


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.38 min Scan# 775
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:142 Resp: 13292

Ion	Ratio	Lower	Upper
142	100		
141	83.5	69.4	104.2
115	35.3	28.0	42.0



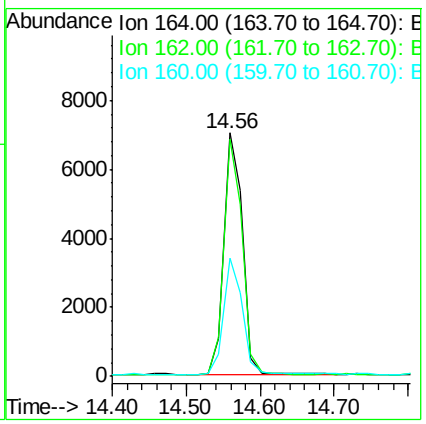


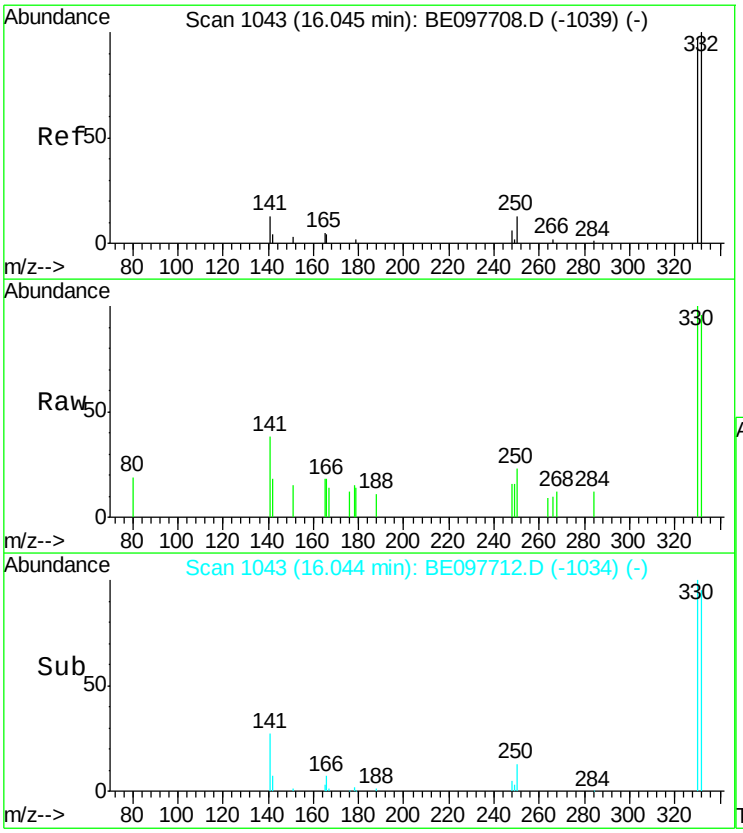
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:164 Resp: 12124

Ion	Ratio	Lower	Upper
164	100		
162	97.7	78.6	117.8
160	48.3	37.8	56.6

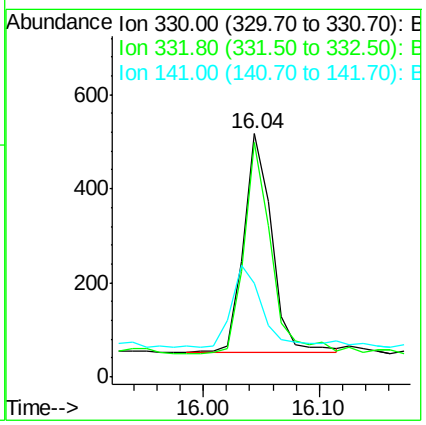


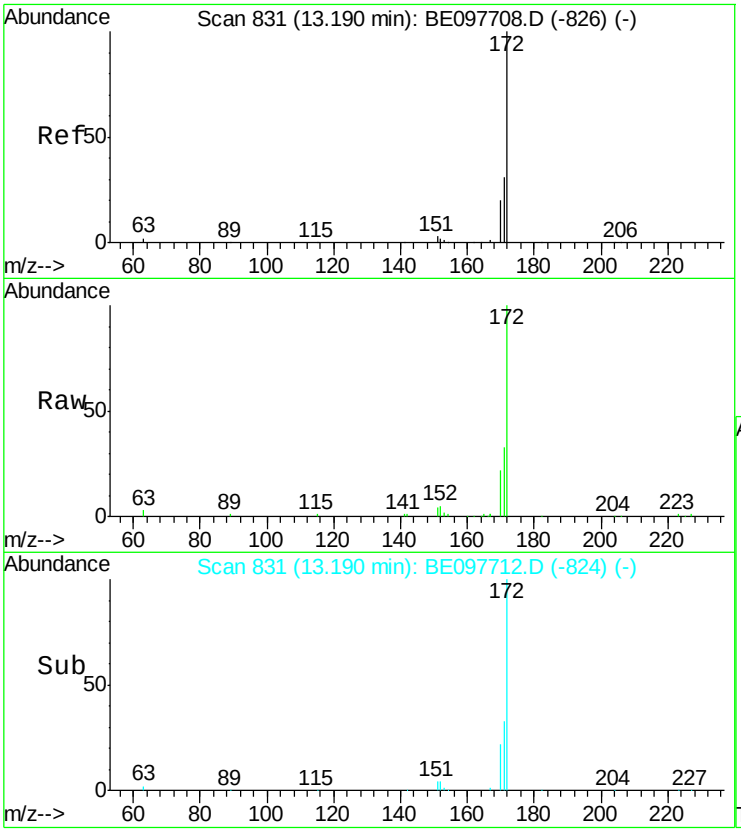


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:330 Resp: 792

Ion	Ratio	Lower	Upper
330	100		
332	96.0	83.5	125.3
141	39.1	34.9	52.3



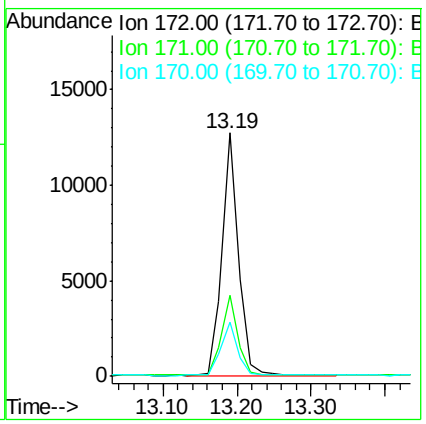


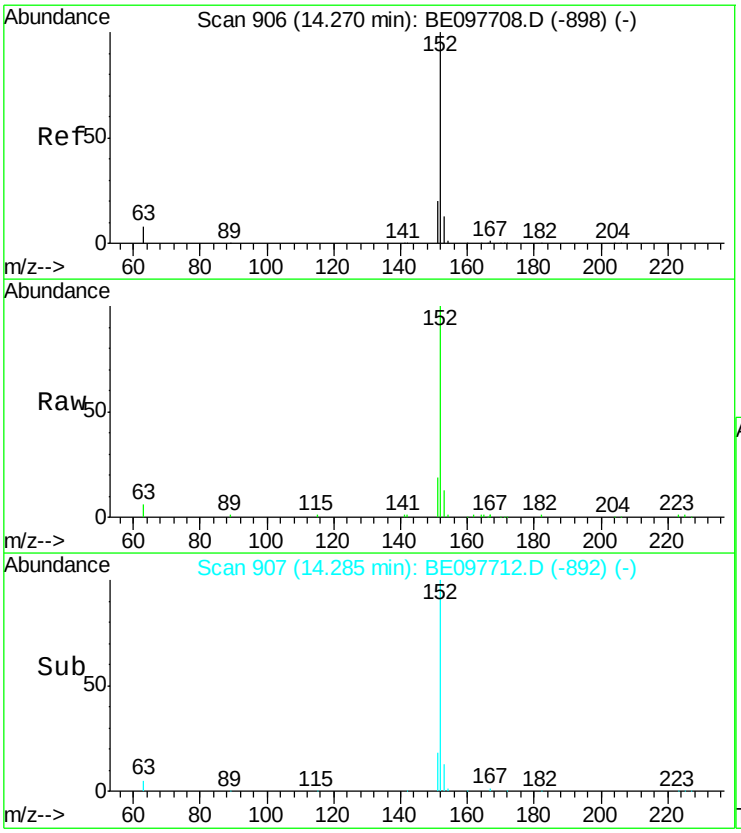
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:172 Resp: 19644

Ion	Ratio	Lower	Upper
172	100		
171	33.2	25.2	37.8
170	22.5	16.2	24.2

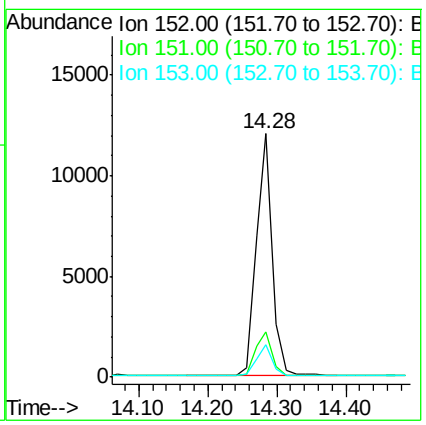


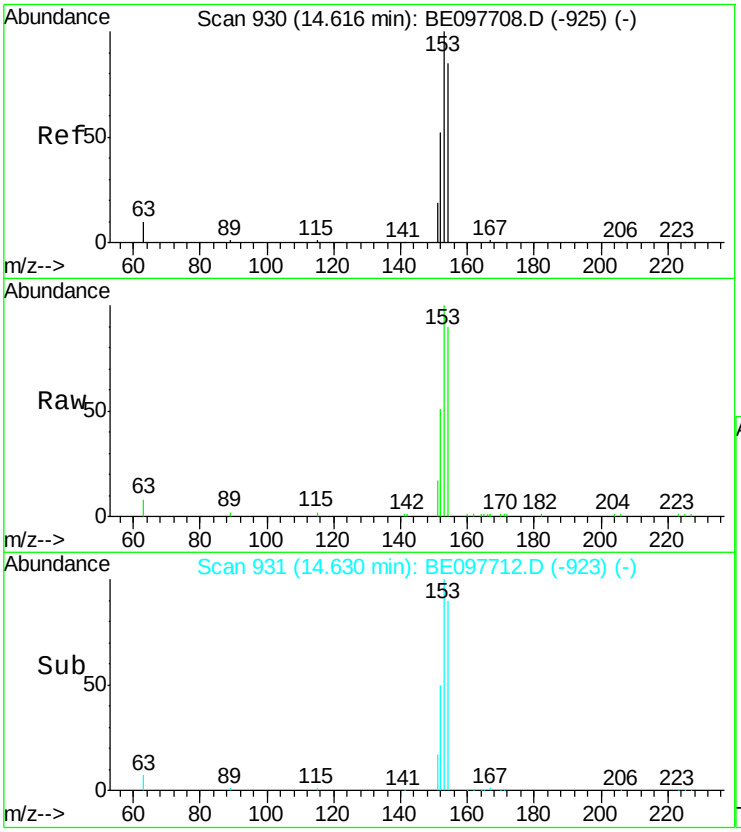


#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:152 Resp: 19536

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9
153	12.8	10.8	16.2



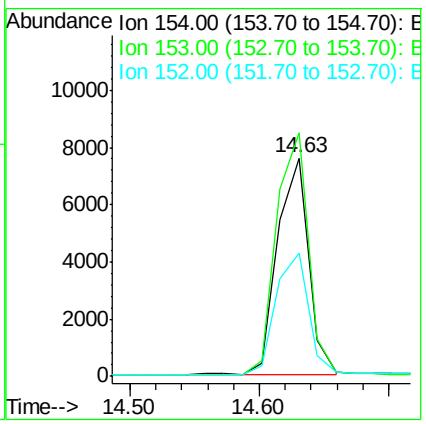


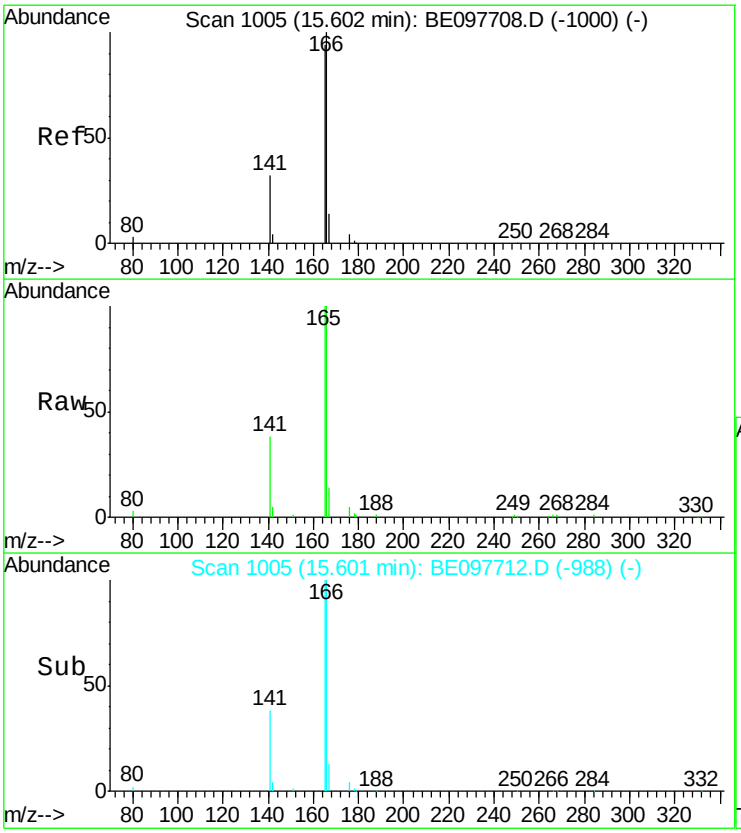
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.63 min Scan# 931
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:154 Resp: 12633

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.3	139.9
152	59.4	48.9	73.3

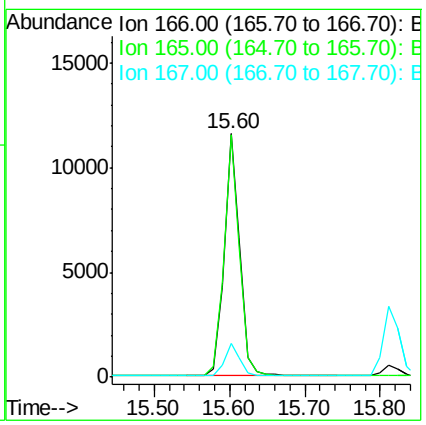


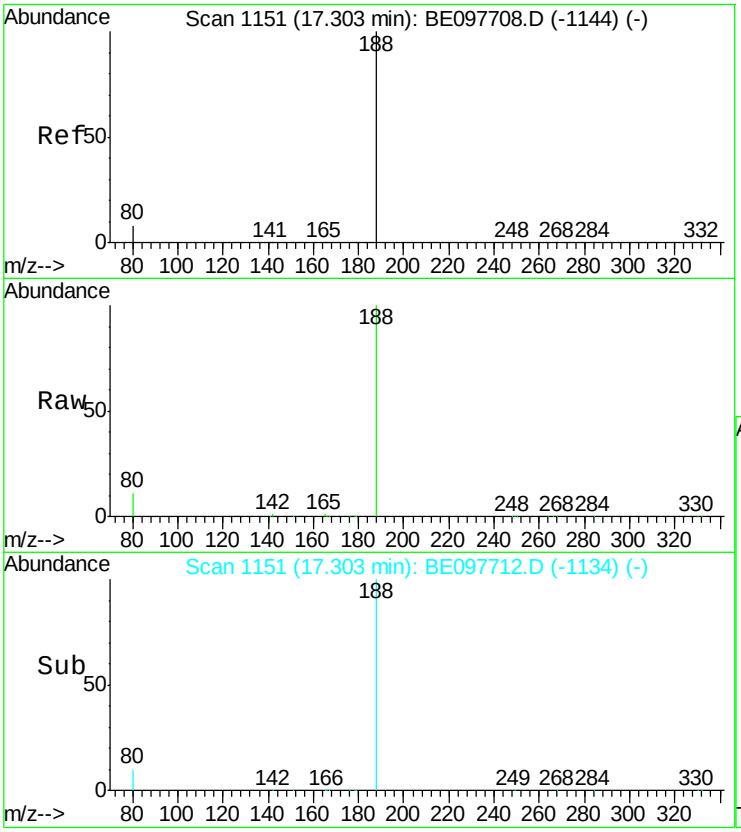


#18
Fluorene
Concen: 0.370 ng
RT: 15.60 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:166 Resp: 16896

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	13.3	11.1	16.7



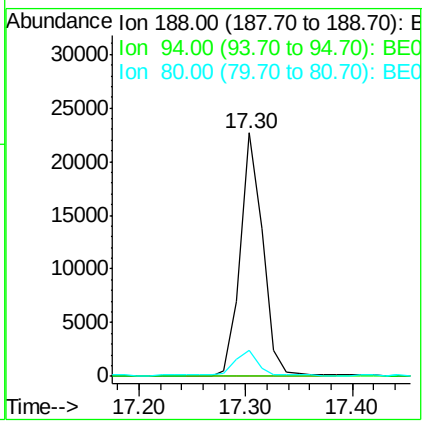


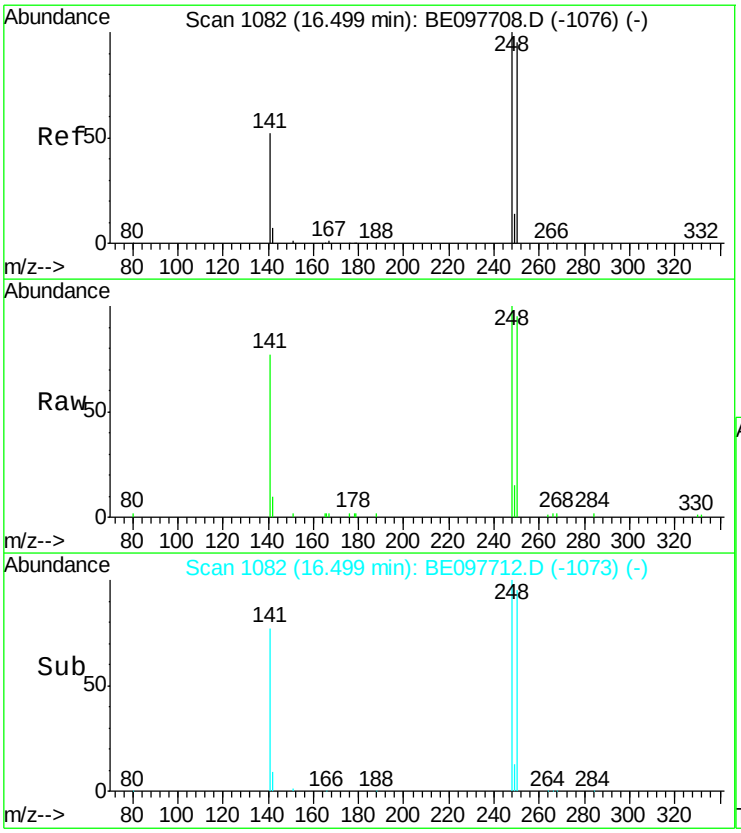
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:188 Resp: 32786

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	6.6	9.8#

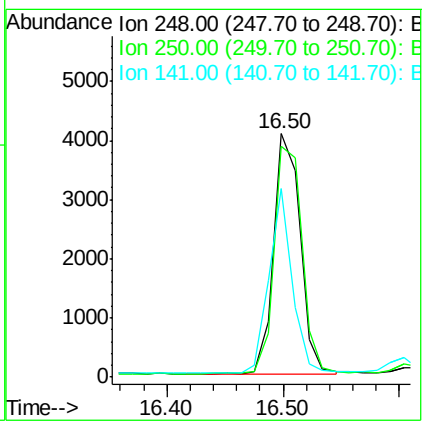


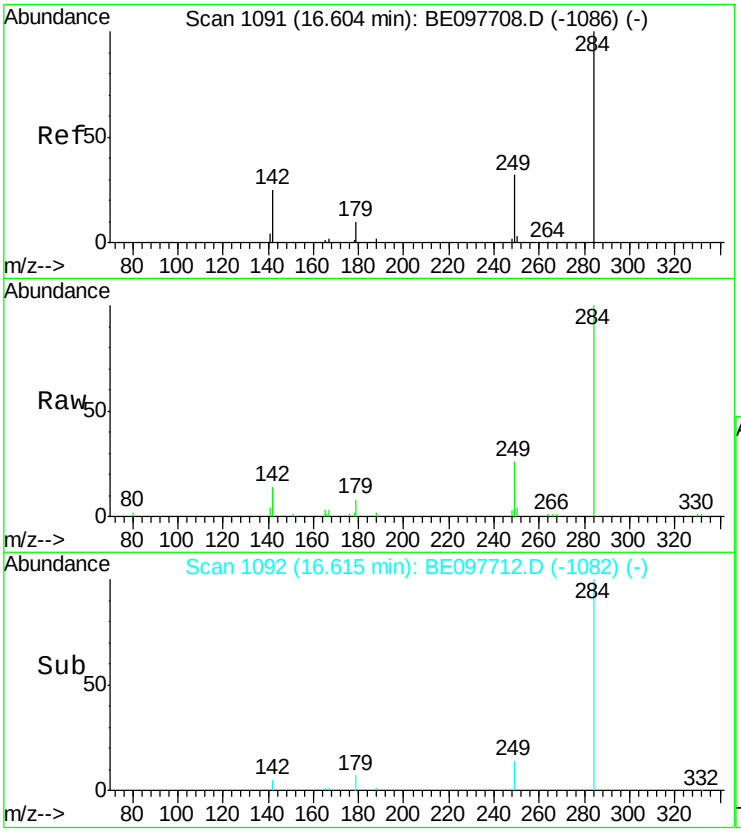


#20
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.50 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:248 Resp: 6425

Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.1	114.1
141	77.3	42.2	63.4#



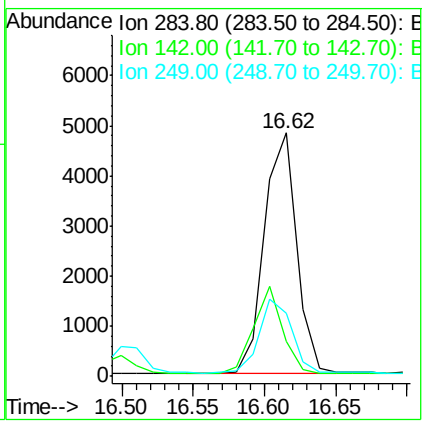


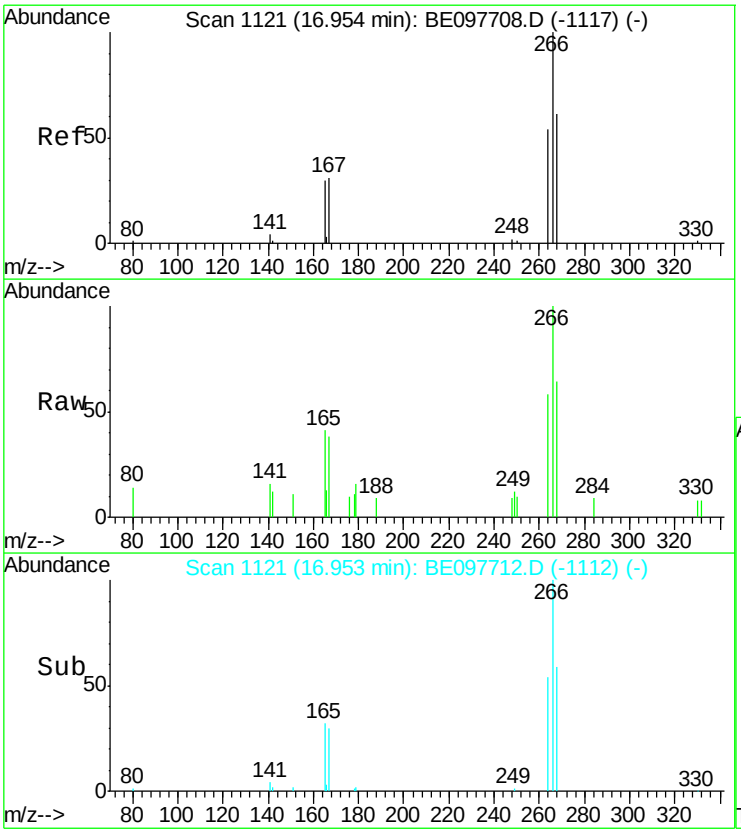
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.62 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:284 Resp: 7583

Ion	Ratio	Lower	Upper
284	100		
142	31.9	24.9	37.3
249	30.8	25.8	38.8

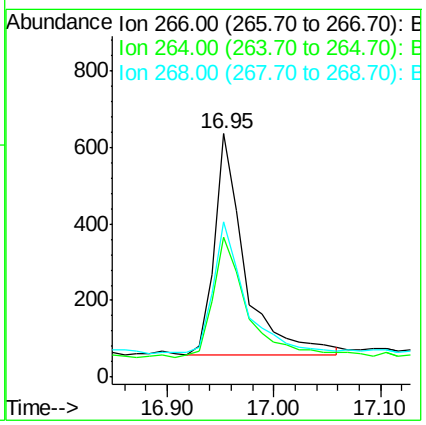


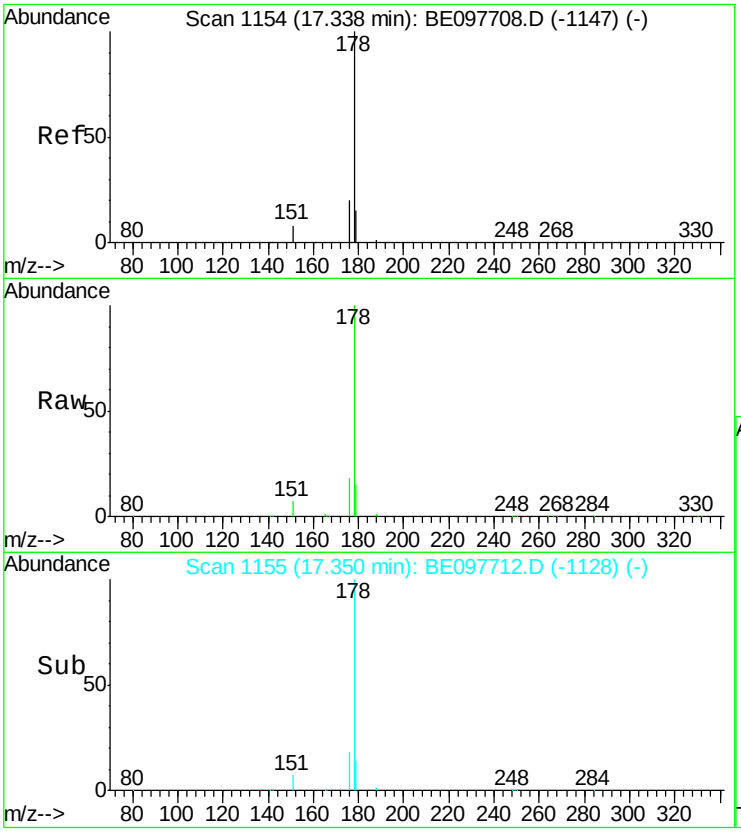


#22
Pentachlorophenol
Concen: 0.375 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:266 Resp: 1137

Ion	Ratio	Lower	Upper
266	100		
264	57.5	46.8	70.2
268	63.8	53.0	79.6



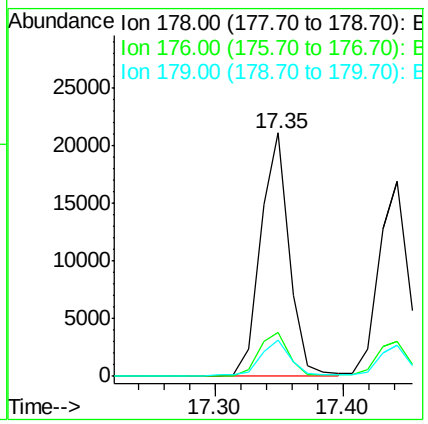


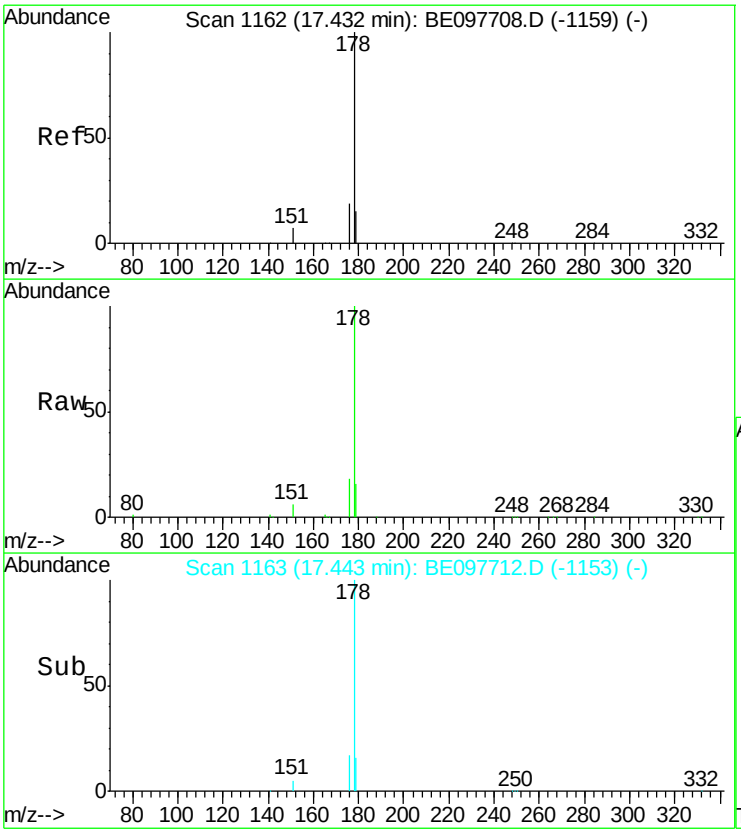
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.35 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:178 Resp: 32542

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.8	12.2	18.4

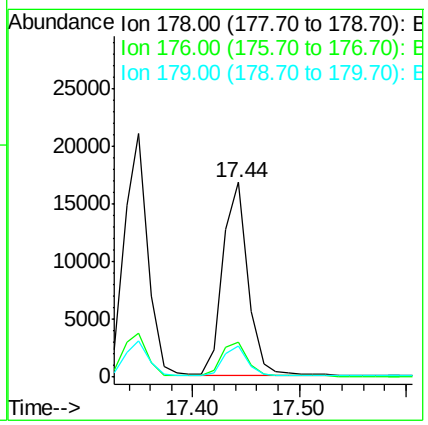


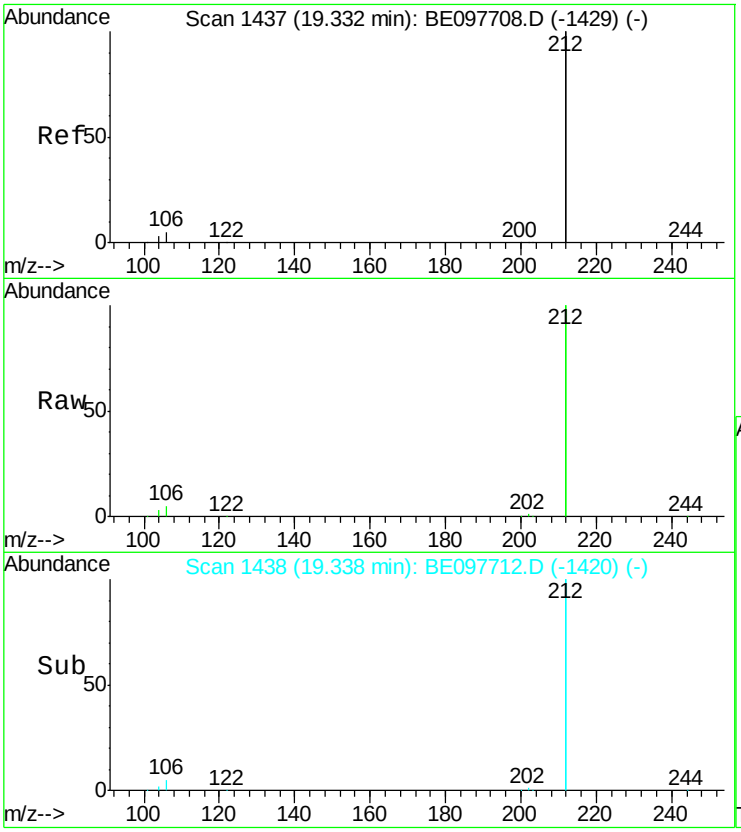


#24
Anthracene
Concen: 0.369 ng
RT: 17.44 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:178 Resp: 26914

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.2	18.2



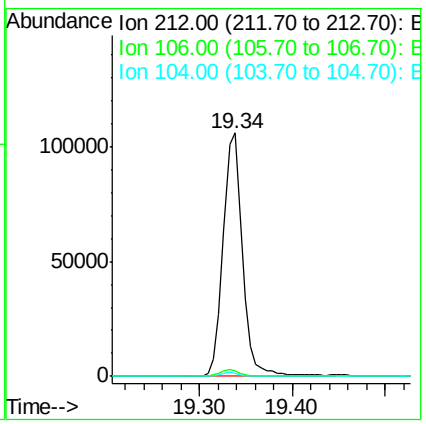


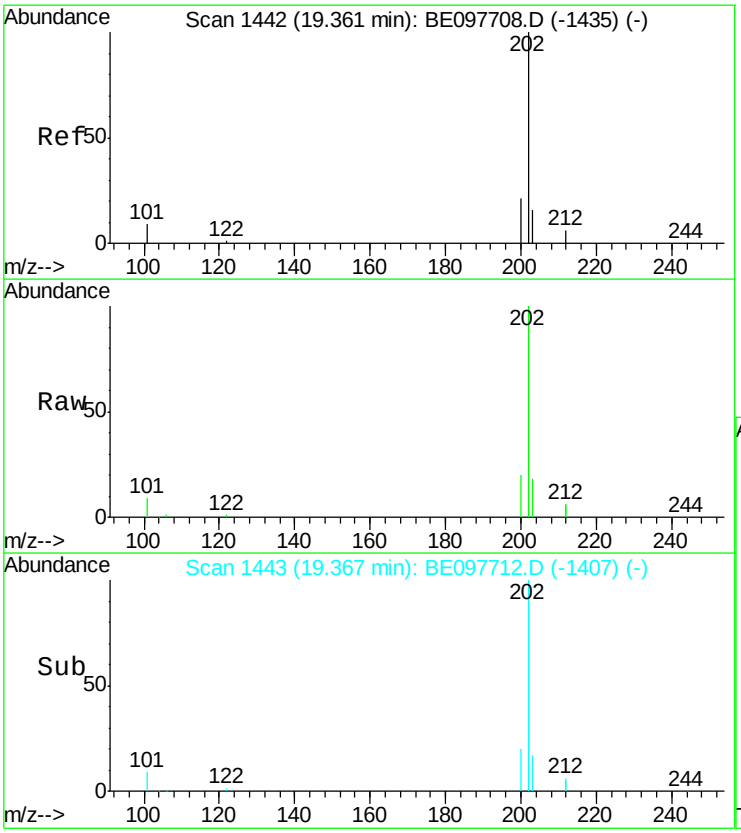
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:212 Resp: 151791

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.5	1.2	1.8

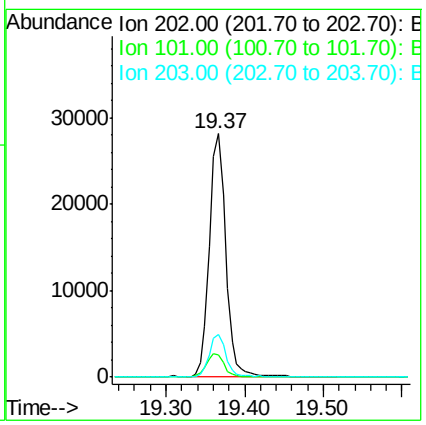


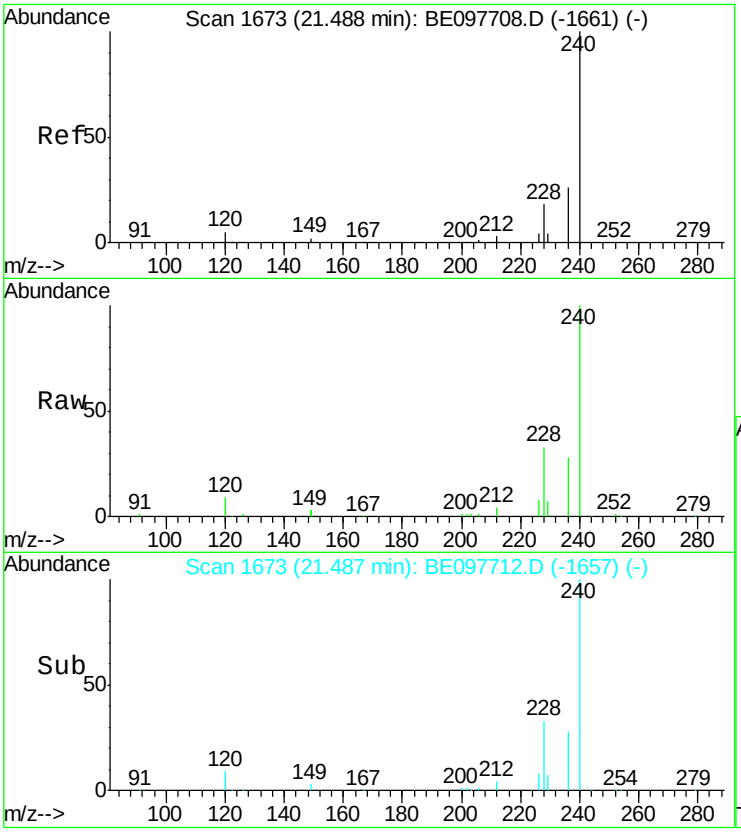


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.37 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:202 Resp: 39835

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
203	17.2	13.8	20.6



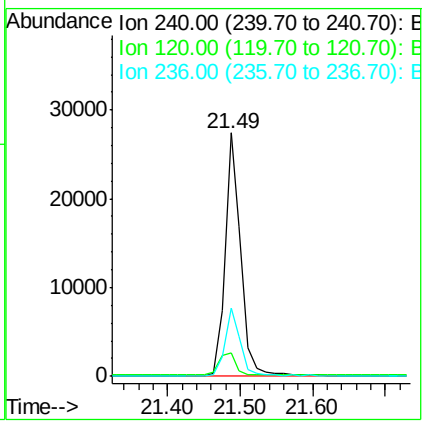


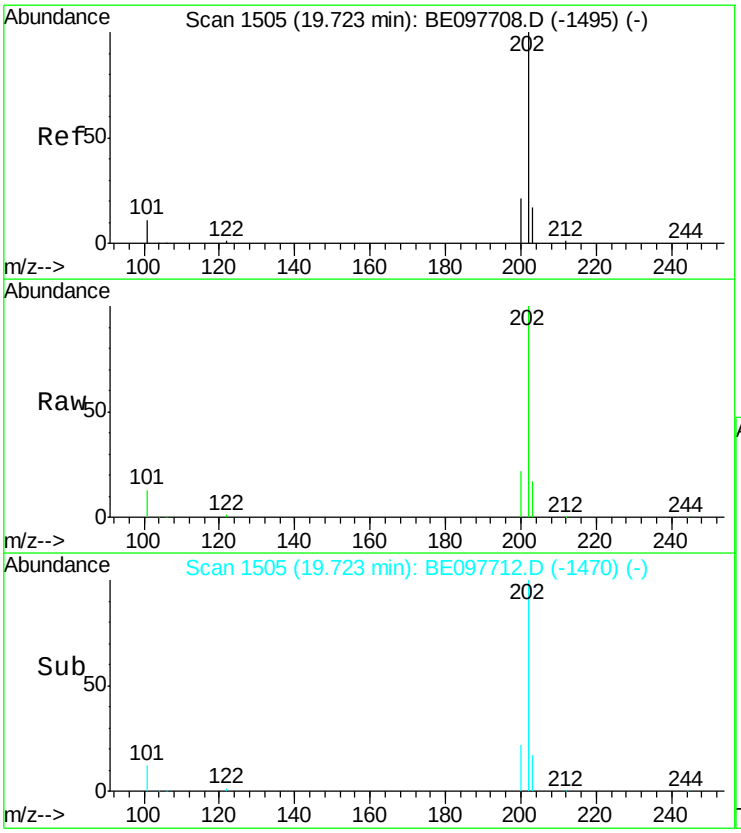
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:240 Resp: 41511

Ion	Ratio	Lower	Upper
240	100		
120	9.4	4.7	7.1#
236	27.9	20.8	31.2

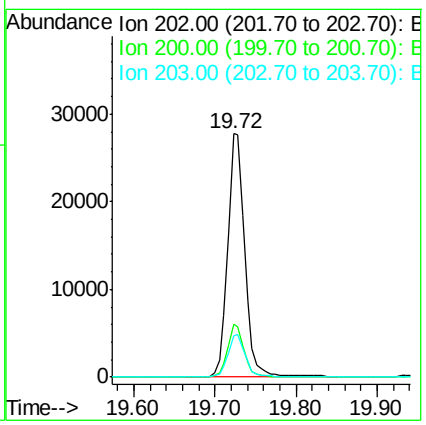


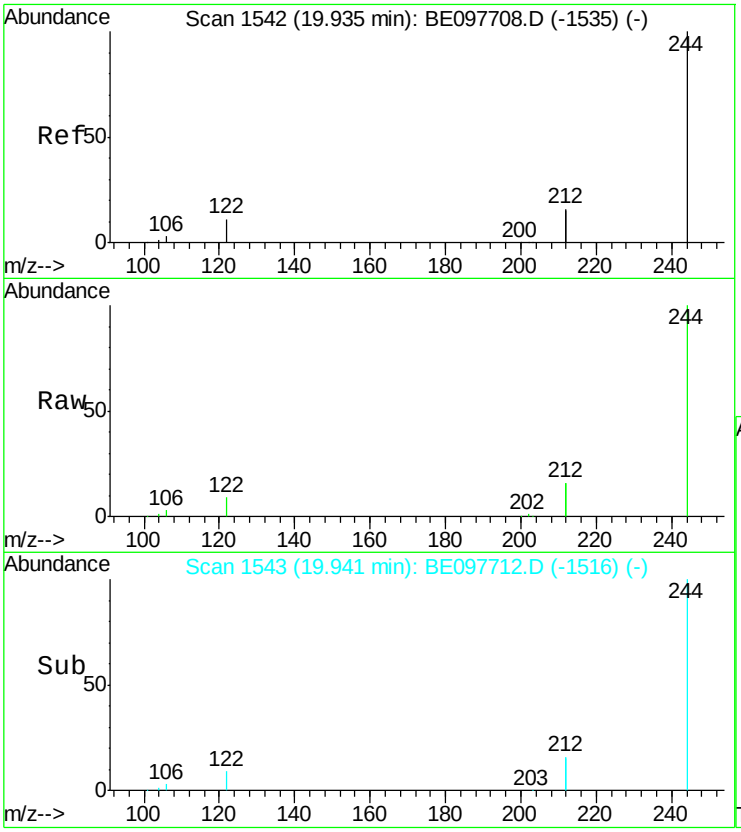


#28
Pyrene
Concen: 0.378 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:202 Resp: 39902

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.1	13.9	20.9



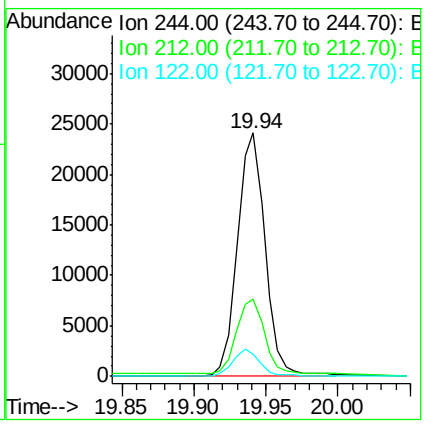


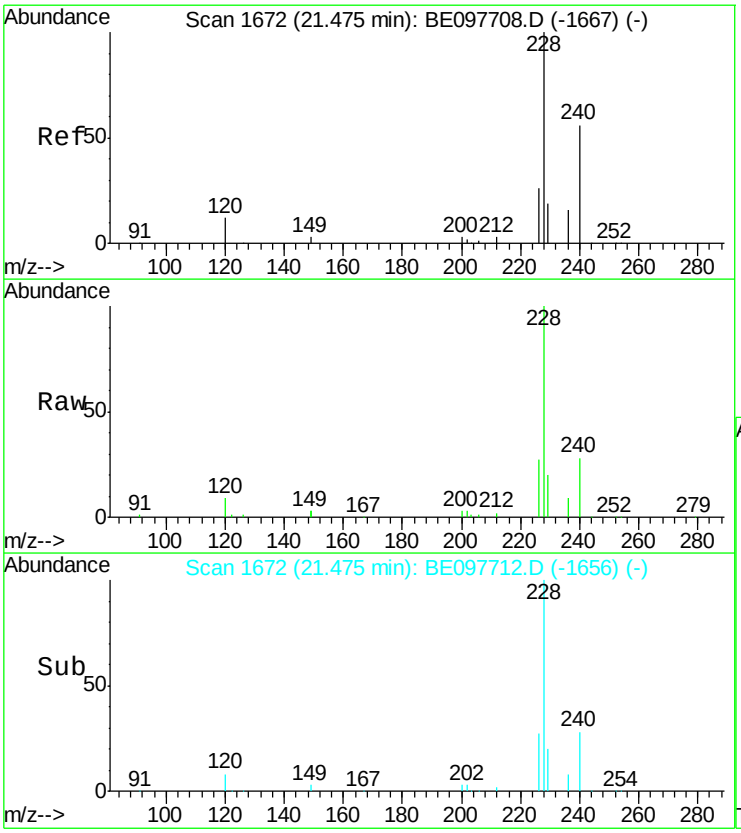
#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.94 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:244 Resp: 32089

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.8	38.8
122	9.2	8.7	13.1

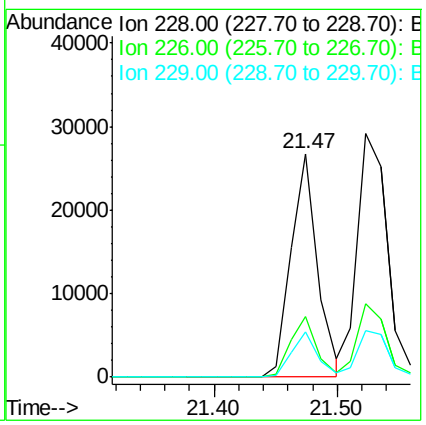


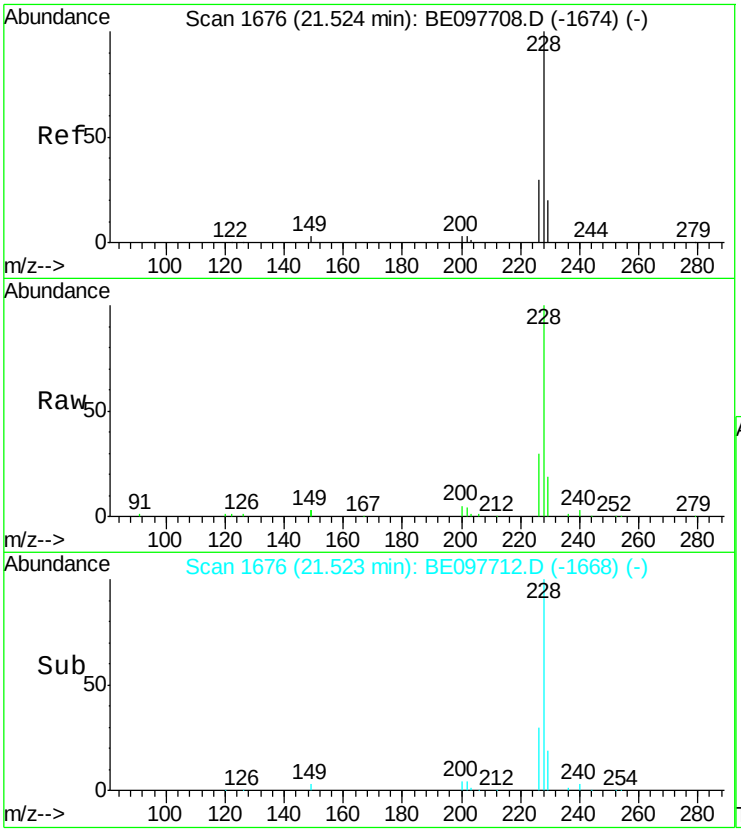


#30
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:228 Resp: 39720

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.7	31.1
229	20.1	15.7	23.5



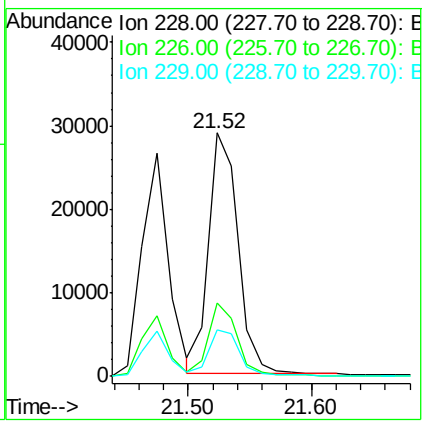


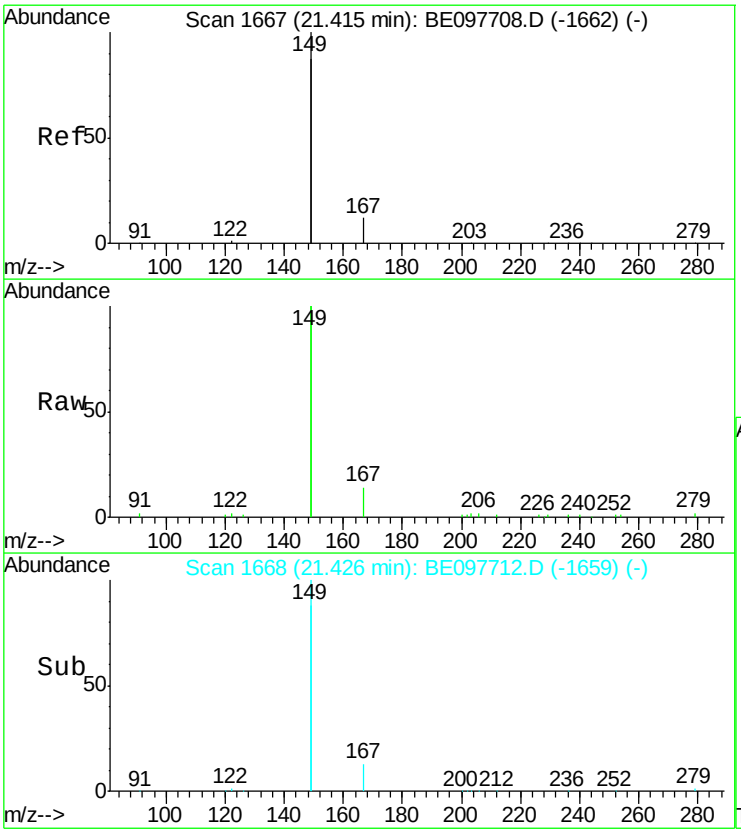
#31
Chrysene
Concen: 0.388 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:228 Resp: 48366

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.3	16.0	24.0

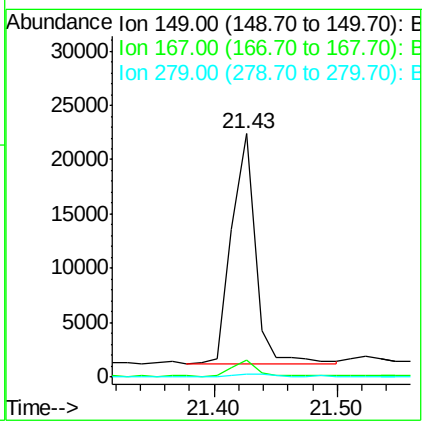


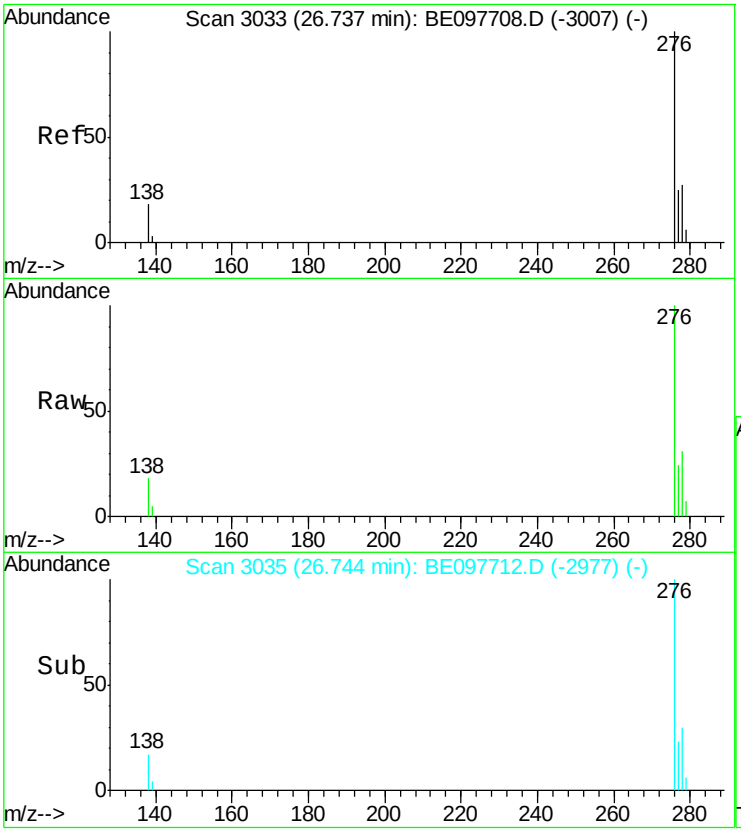


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:149 Resp: 28438

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.1	0.9	1.3



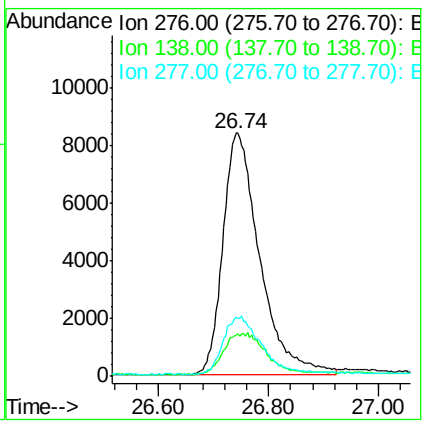


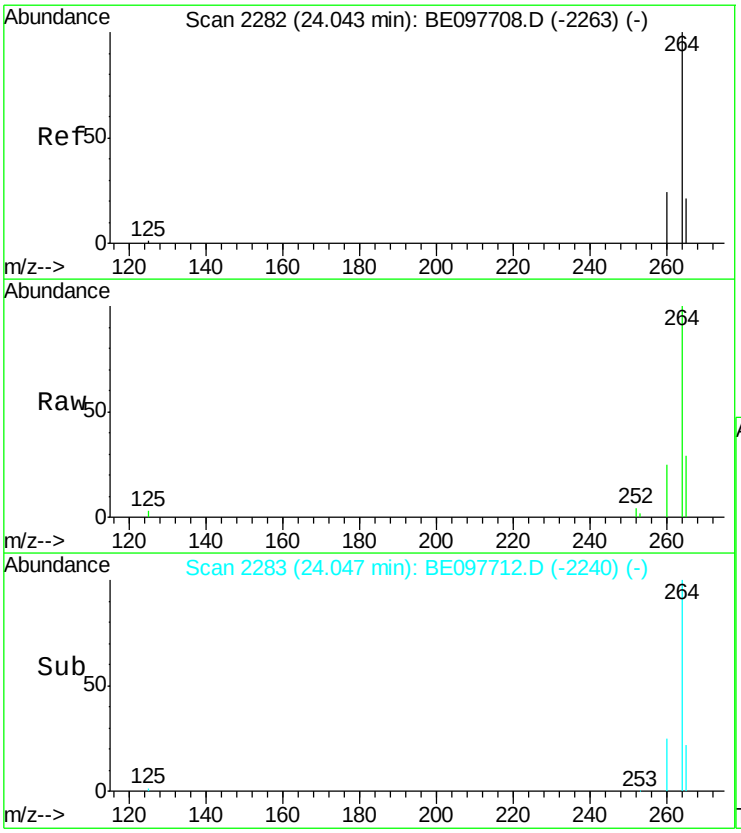
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.74 min Scan# 3035
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:276 Resp: 39008

Ion	Ratio	Lower	Upper
276	100		
138	7.7	15.0	22.6#
277	24.2	19.2	28.8

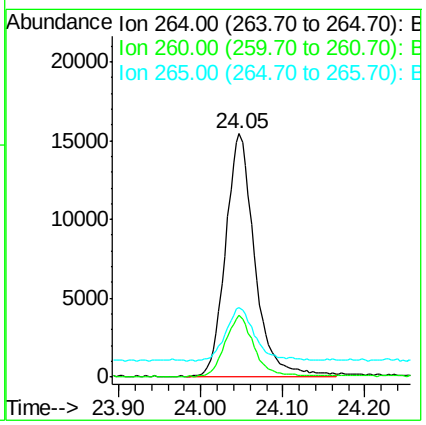


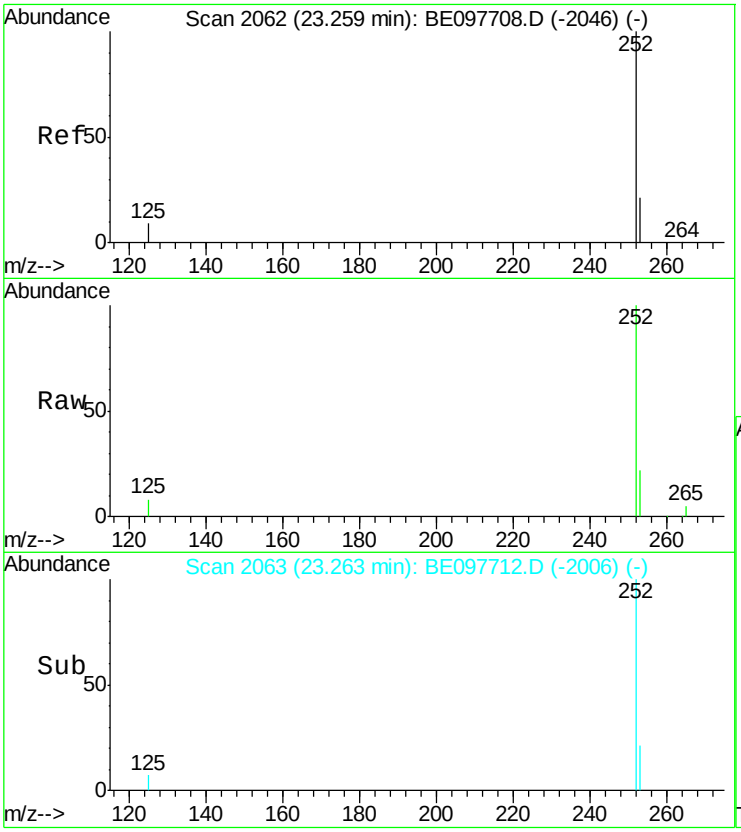


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.05 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:264 Resp: 37686

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.1	28.7
265	28.8	21.9	32.9



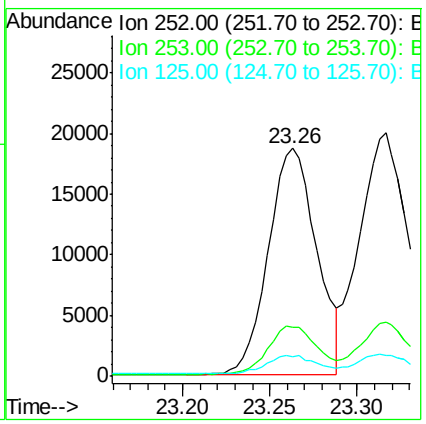


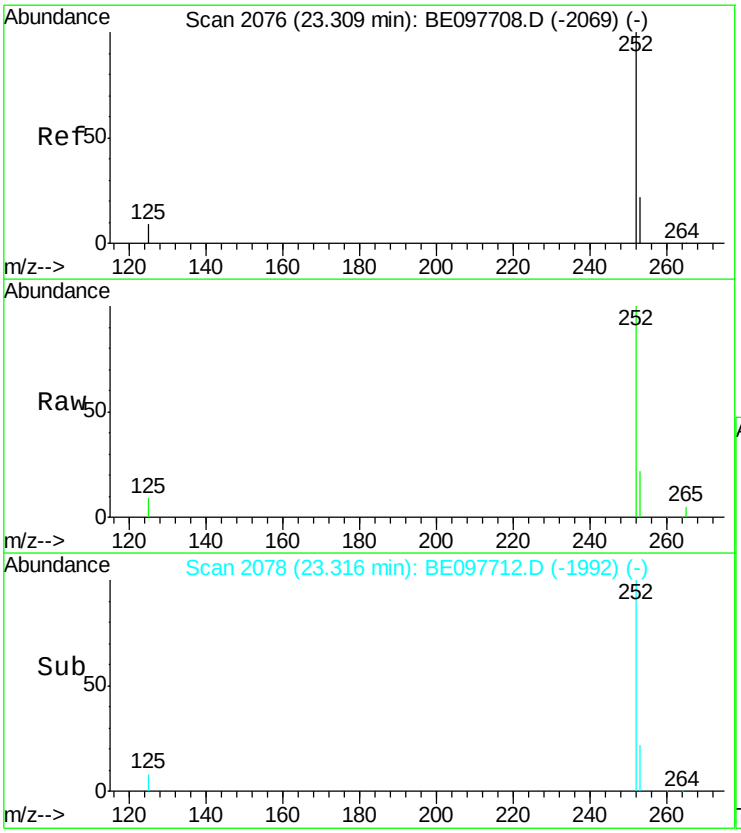
#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.26 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:252 Resp: 35839

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.4	7.8	11.8

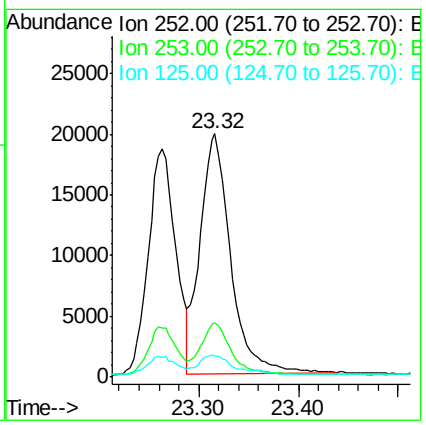


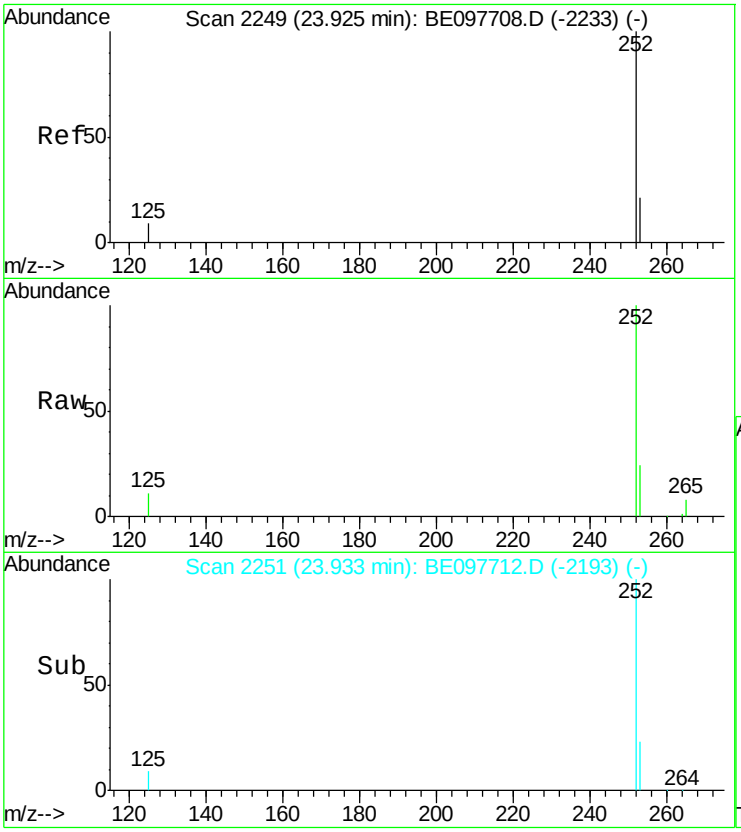


#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:252 Resp: 41891

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.7	7.5	11.3



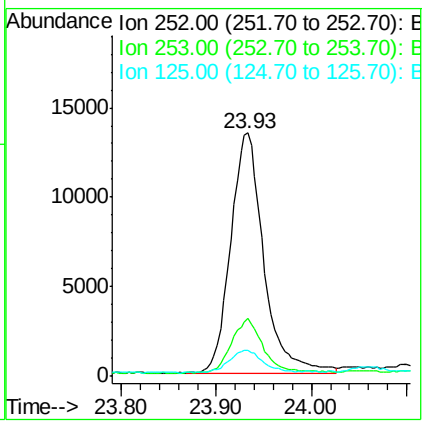


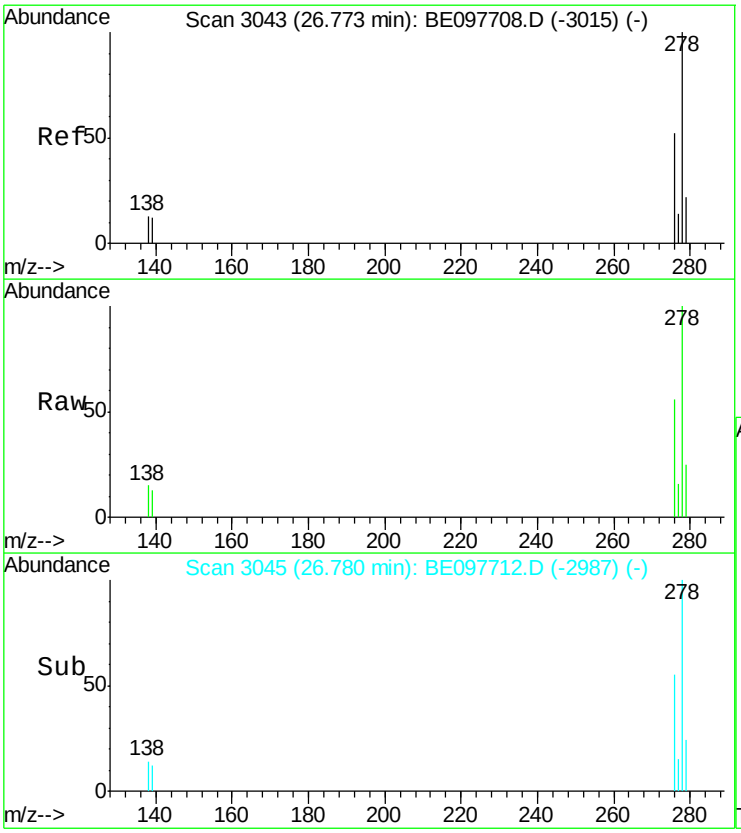
#37
Benzo(a)pyrene
Concen: 0.346 ng
RT: 23.93 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:252 Resp: 32378

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	10.9	8.3	12.5

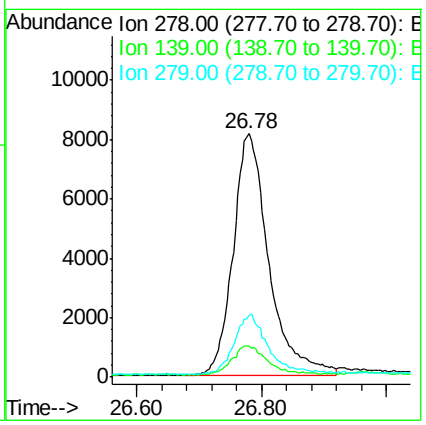


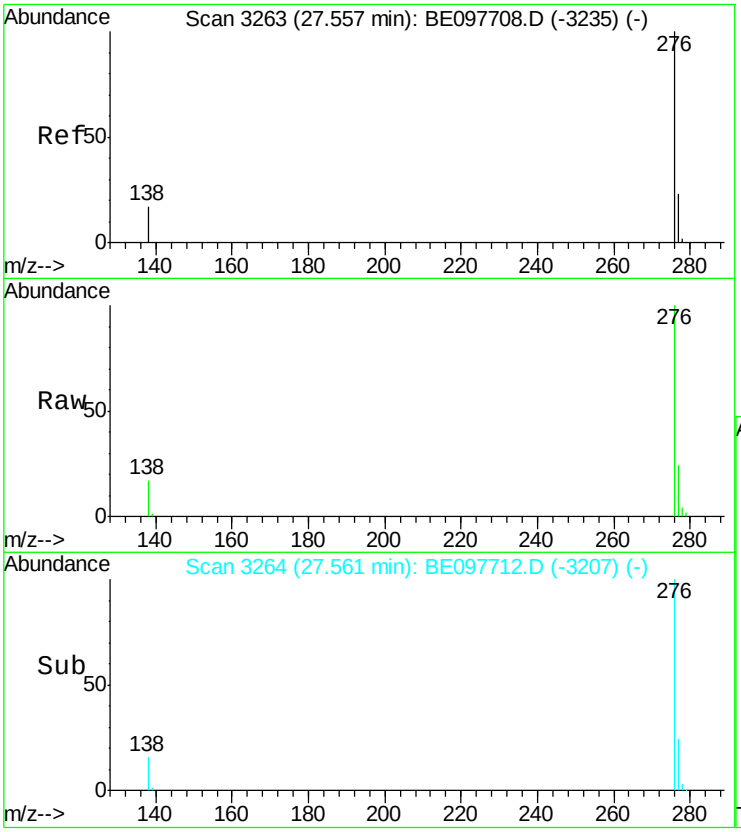


#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 26.78 min Scan# 3045
Delta R.T. 0.01 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Tgt Ion:278 Resp: 32412

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.3	15.5
279	25.4	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 27.56 min Scan# 3264
Delta R.T. 0.00 min
Lab File: BE097712.D
Acq: 3 Oct 2018 12:51

Instrument :
BNA_E
ClientSampleId :
ICVBE100318

Tgt Ion:276 Resp: 35063

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	16.9	14.2	21.2