Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
Data File : BE097948.D
Acq On : 17 Oct 2018 15:49
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 17 16:20:51 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	1633	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	7113	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	4632	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	13163	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	17501	0.40	ng		-0.01
34) Perylene-d12	24.03	264	17018	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1943	0.38	ng		-0.01
5) Phenol-d6	7.04	99	2663	0.35	ng		-0.01
8) Nitrobenzene-d5	9.03	82	2369	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	4382	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	760	0.31	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	6596	0.35	ng		0.00
25) Fluoranthene-d10	19.33	212	62706	0.35	ng		0.00
29) Terphenyl-d14	19.92	244	13404	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1138	0.400	ng		94
3) n-Nitrosodimethylamine	3.69	42	1010	0.318	ng		93
6) bis(2-Chloroethyl)ether	7.30	93	2255	0.349	ng		99
9) Naphthalene	10.73	128	26667	0.377	ng		100
10) Hexachlorobutadiene	11.02	225	1425	0.373	ng		99
12) 2-Methylnaphthalene	12.35	142	4308	0.355	ng		98
16) Acenaphthylene	14.27	152	7689	0.359	ng		100
17) Acenaphthene	14.62	154	4774	0.365	ng		98
18) Fluorene	15.59	166	6582	0.366	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	2486	0.346	ng	#	85
21) Hexachlorobenzene	16.60	284	2495	0.353	ng		100
22) Pentachlorophenol	16.95	266	534	0.325	ng		95
23) Phenanthrene	17.34	178	11933	0.357	ng		99
24) Anthracene	17.42	178	10771	0.341	ng		99
26) Fluoranthene	19.35	202	15555	0.354	ng		97
28) Pyrene	19.72	202	17589	0.348	ng		99
30) Benzo(a)anthracene	21.46	228	18838	0.351	ng		97
31) Chrysene	21.51	228	18682	0.367	ng		98
32) Bis(2-ethylhexyl)phthalate	21.39	149	37934	0.266	ng		100
33) Indeno(1,2,3-cd)pyrene	26.73	276	19194	0.318	ng		99
35) Benzo(b)fluoranthene	23.25	252	17292	0.353	ng	#	90
36) Benzo(k)fluoranthene	23.30	252	18280	0.358	ng	#	91
37) Benzo(a)pyrene	23.91	252	16954	0.355	ng	#	90
38) Dibenzo(a,h)anthracene	26.75	278	16065	0.344	ng	#	95
39) Benzo(g,h,i)perylene	27.55	276	16298	0.340	ng		93

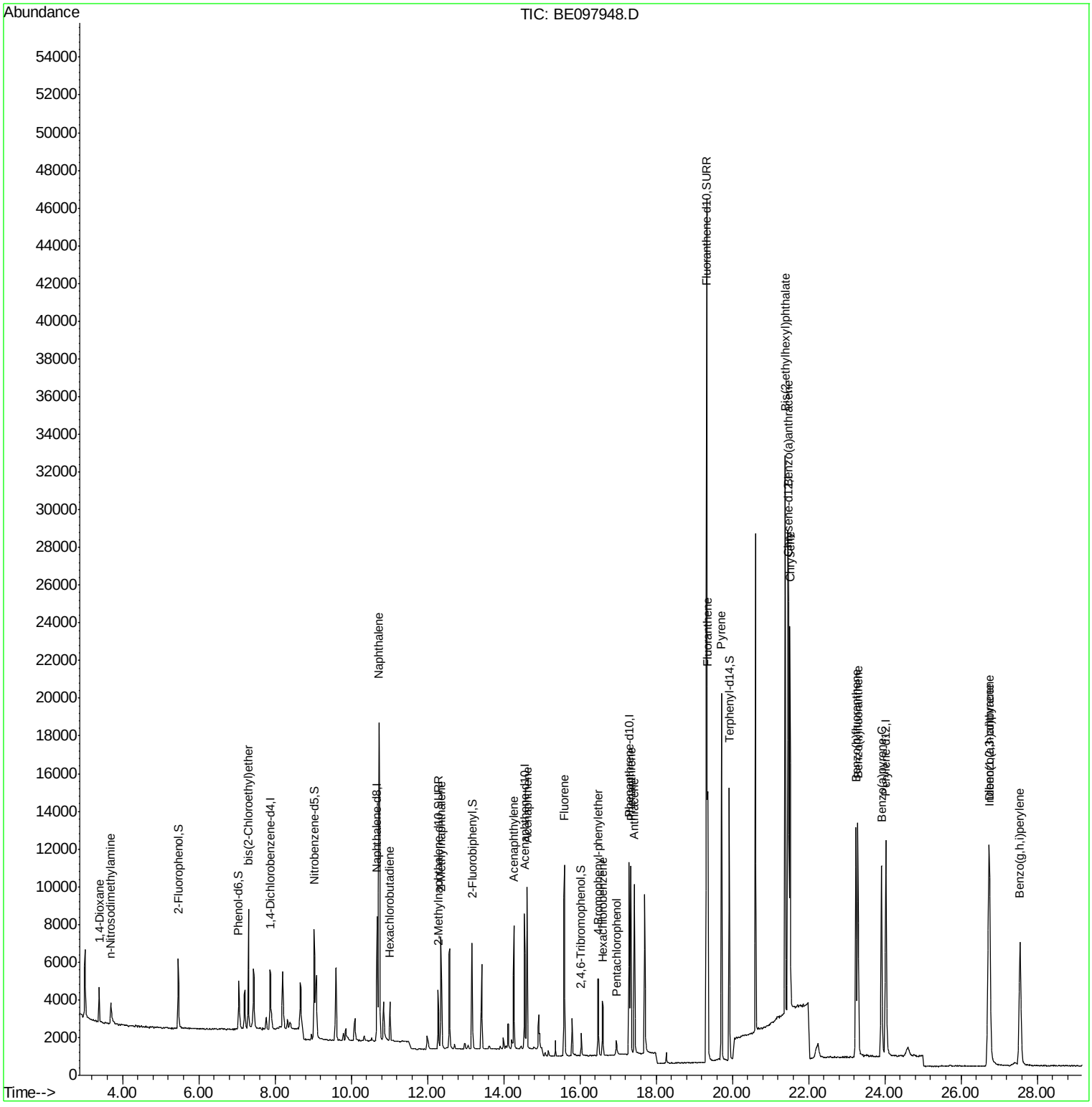
(#) = qualifier out of range (m) = manual integration (+) = signals summed

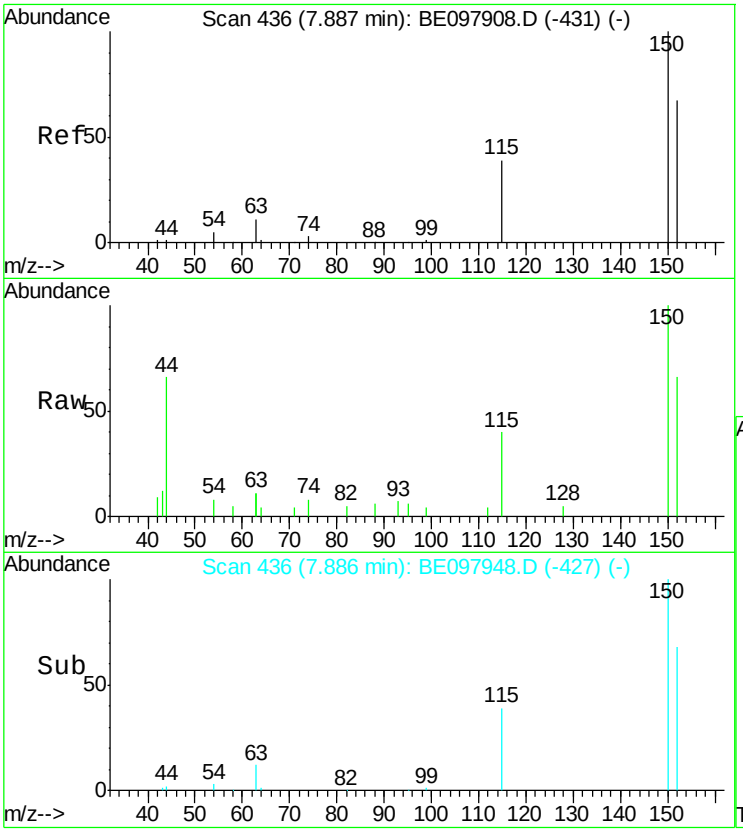
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
Data File : BE097948.D
Acq On : 17 Oct 2018 15:49
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 17 16:20:51 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



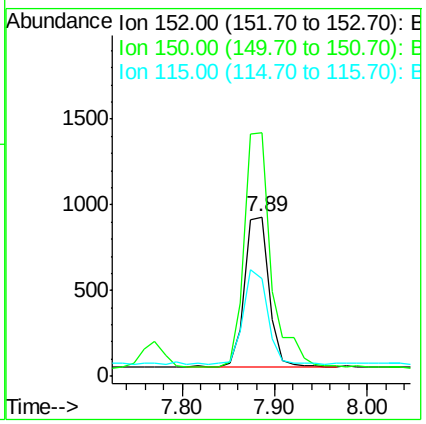


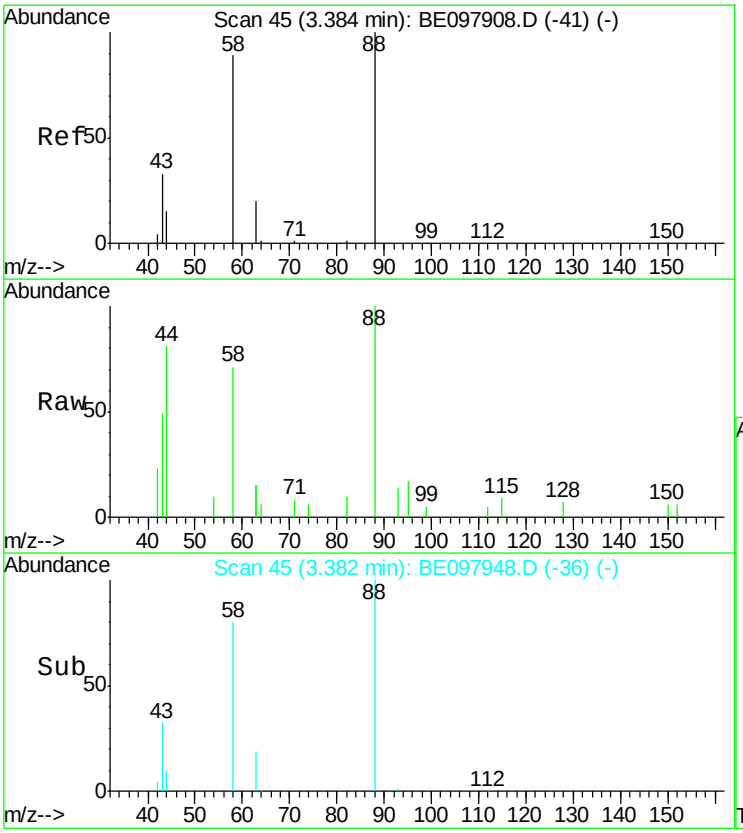
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1633

Ion	Ratio	Lower	Upper
152	100		
150	152.5	118.2	177.4
115	61.5	50.9	76.3

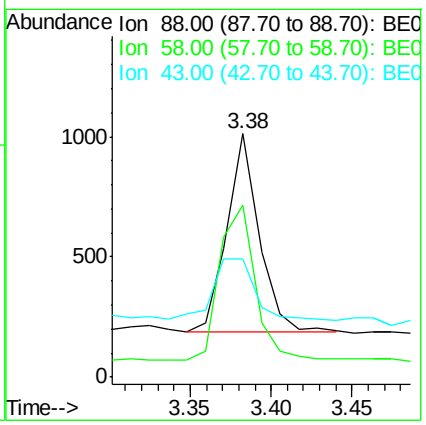


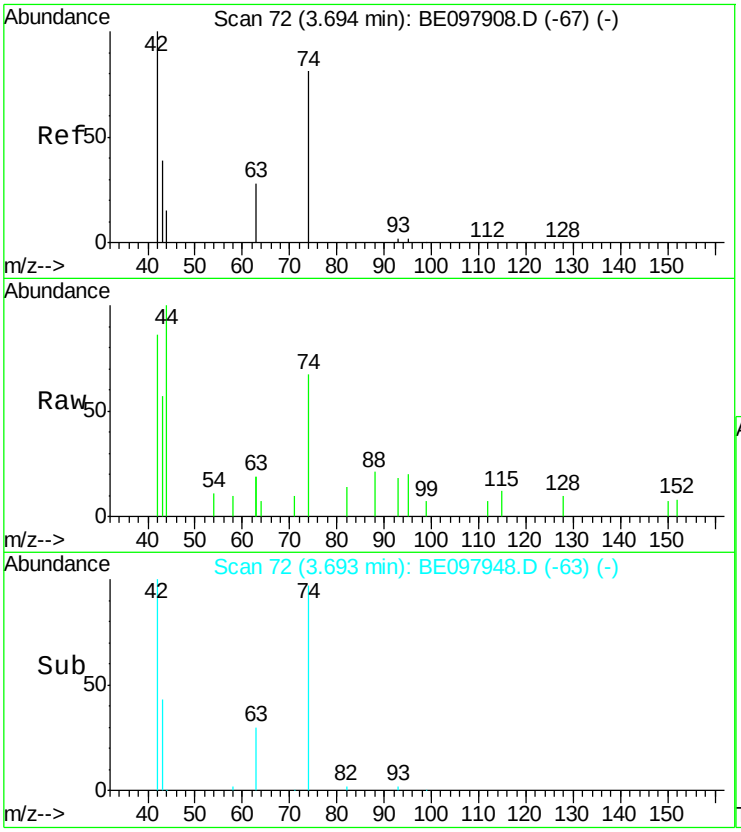


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion: 88 Resp: 1138

Ion	Ratio	Lower	Upper
88	100		
58	86.3	73.2	109.8
43	41.3	36.9	55.3



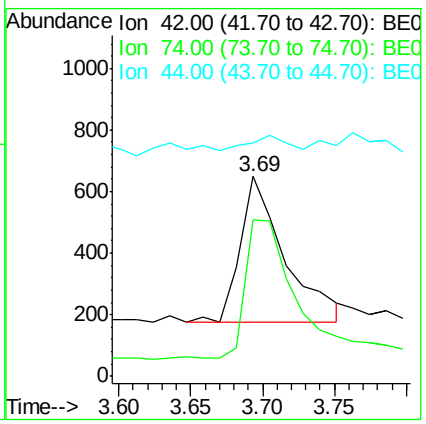


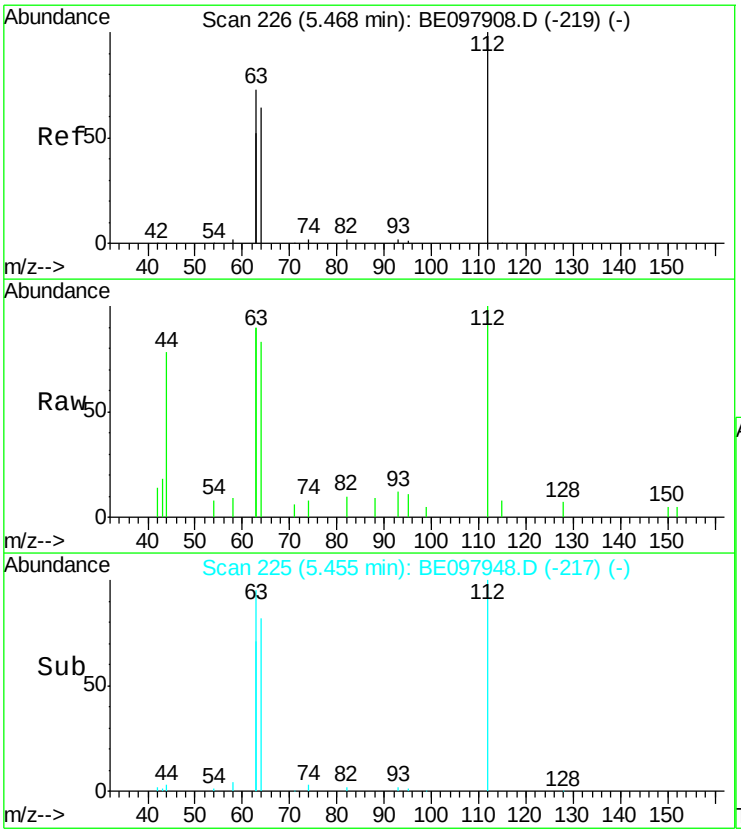
#3
n-Nitrosodimethylamine
Concen: 0.318 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1010

Ion	Ratio	Lower	Upper
42	100		
74	104.2	77.6	116.4
44	9.1	7.6	11.4

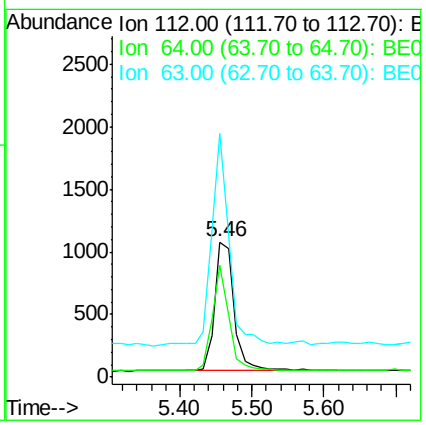


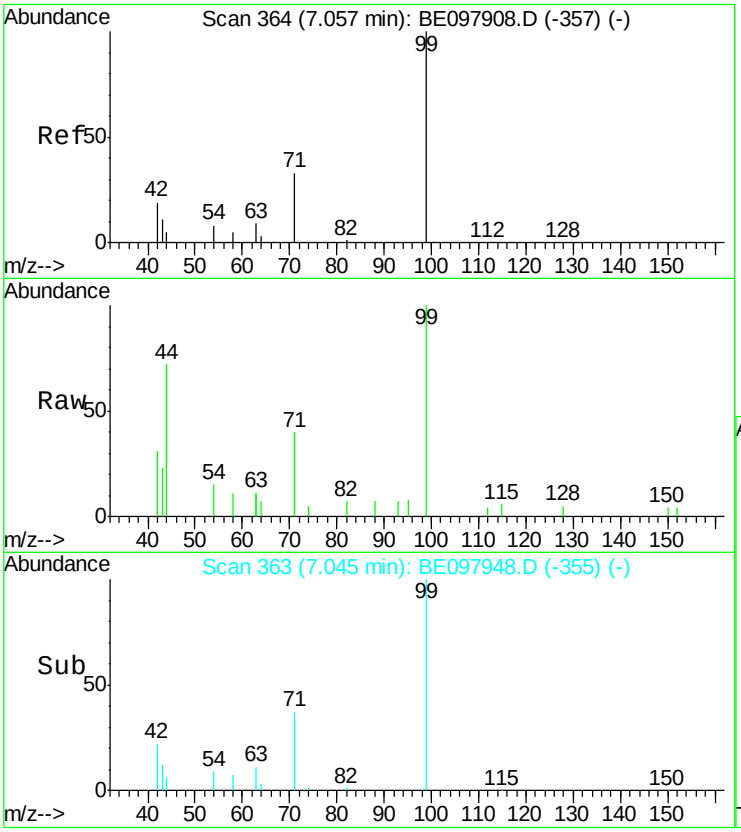


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:112 Resp: 1943

Ion	Ratio	Lower	Upper
112	100		
64	68.9	58.9	88.3
63	139.5	120.3	180.5



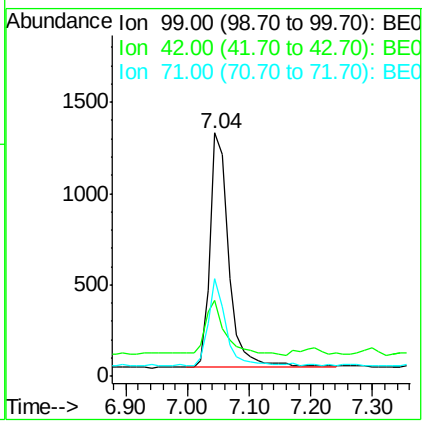


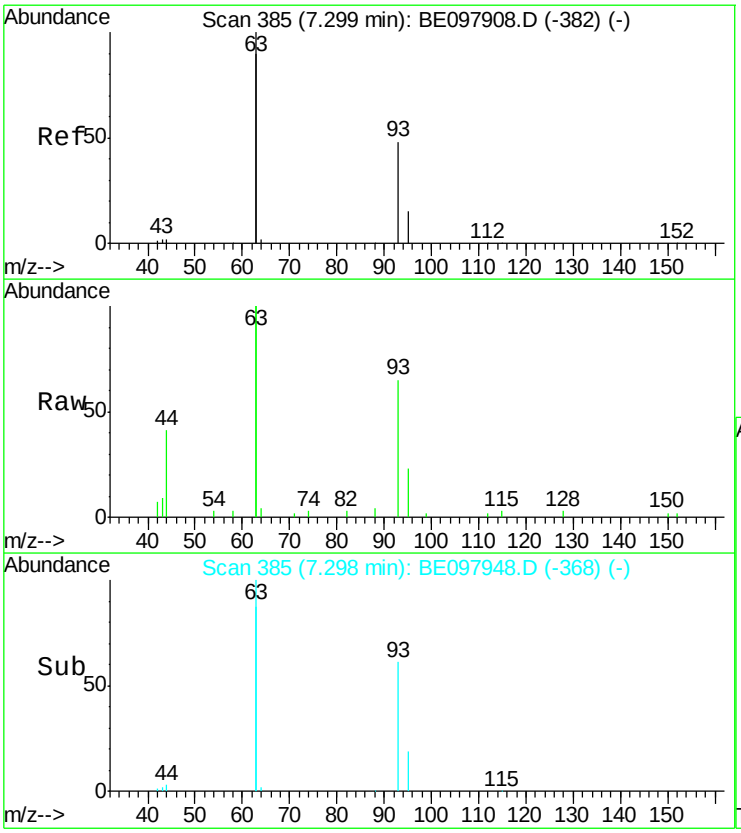
#5
Phenol-d6
Concen: 0.350 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2663

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.9	29.9
71	35.2	27.8	41.8

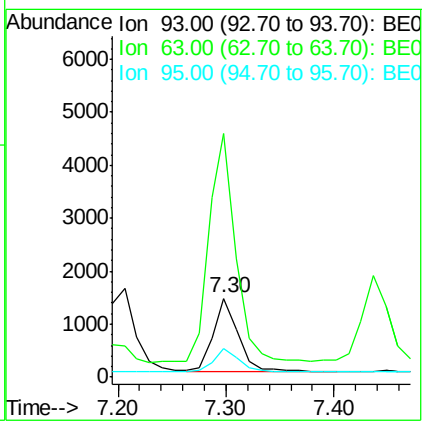


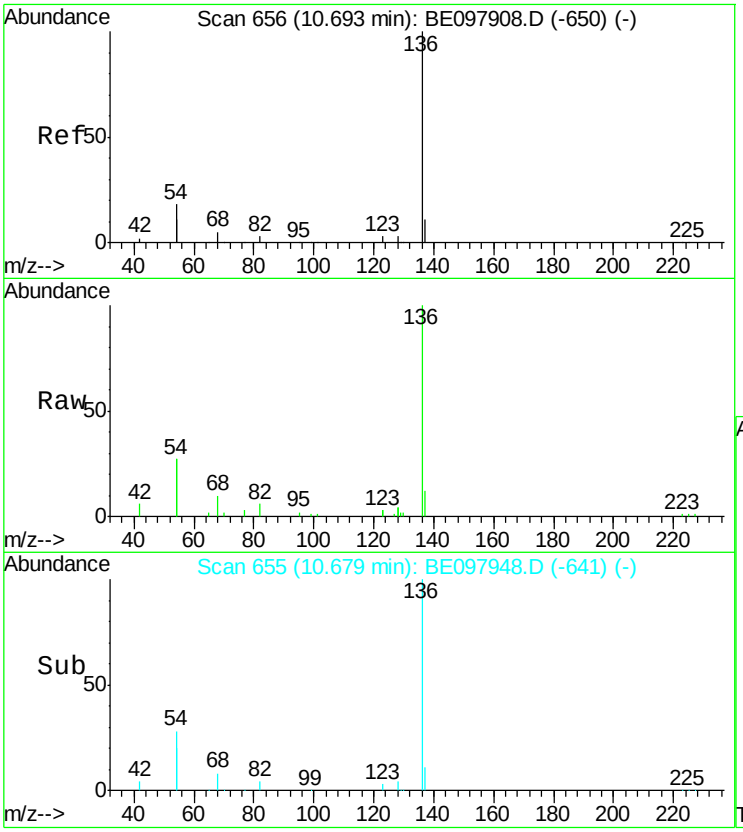


#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion: 93 Resp: 2255

Ion	Ratio	Lower	Upper
93	100		
63	324.7	259.0	388.4
95	32.3	27.8	41.8



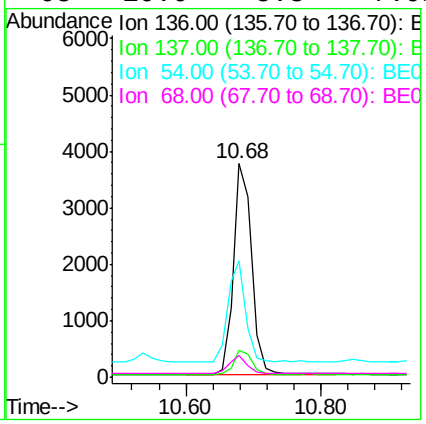


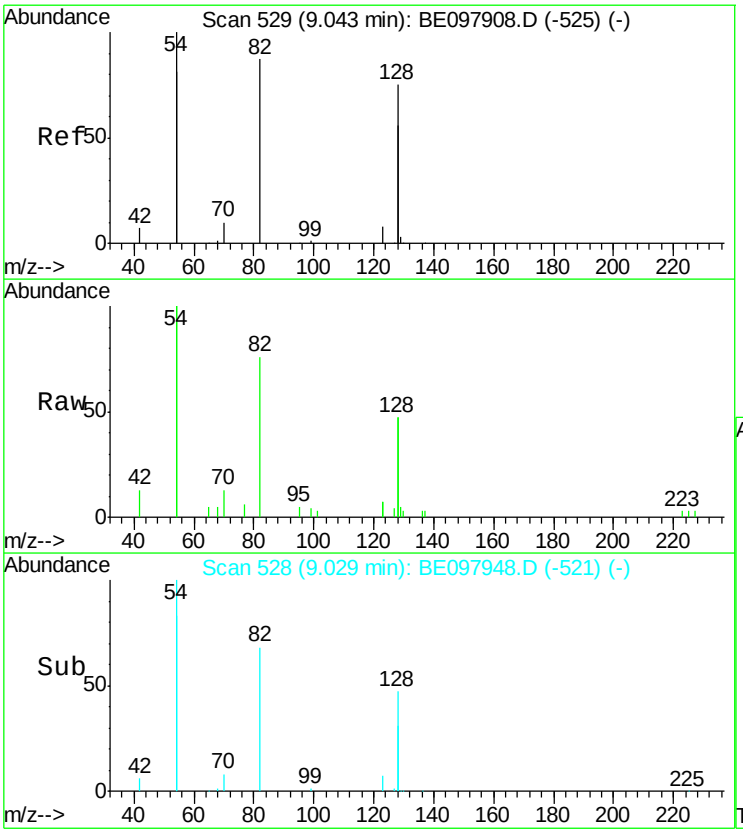
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 7113

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	54.8	27.7	41.5#
68	10.0	5.3	7.9#

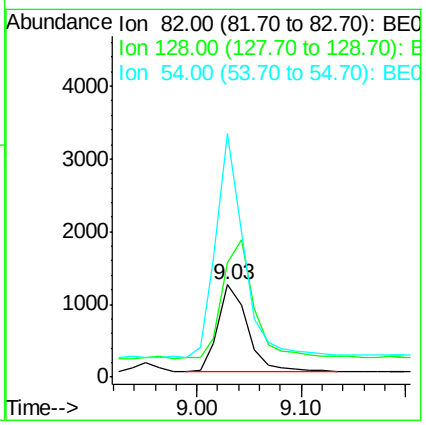


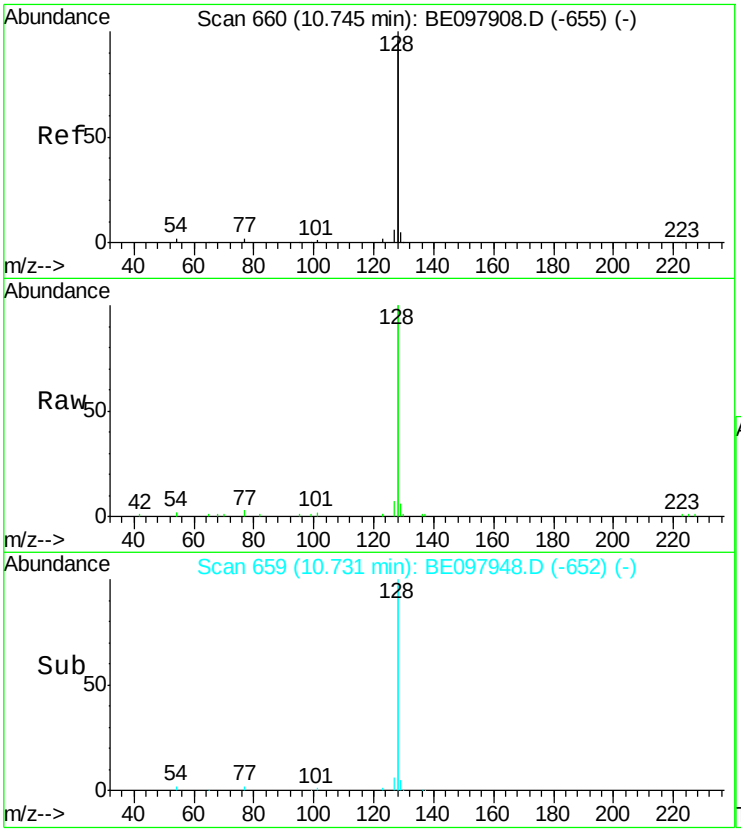


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion: 82 Resp: 2369

Ion	Ratio	Lower	Upper
82	100		
128	124.0	129.9	194.9#
54	264.0	174.0	261.0#



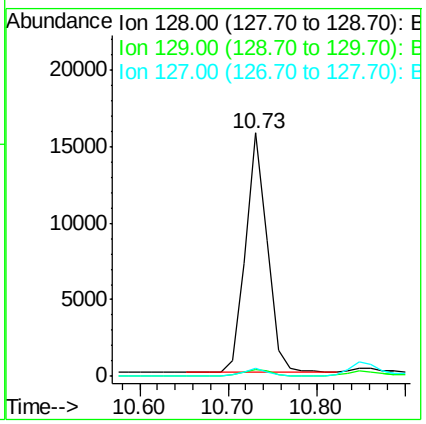


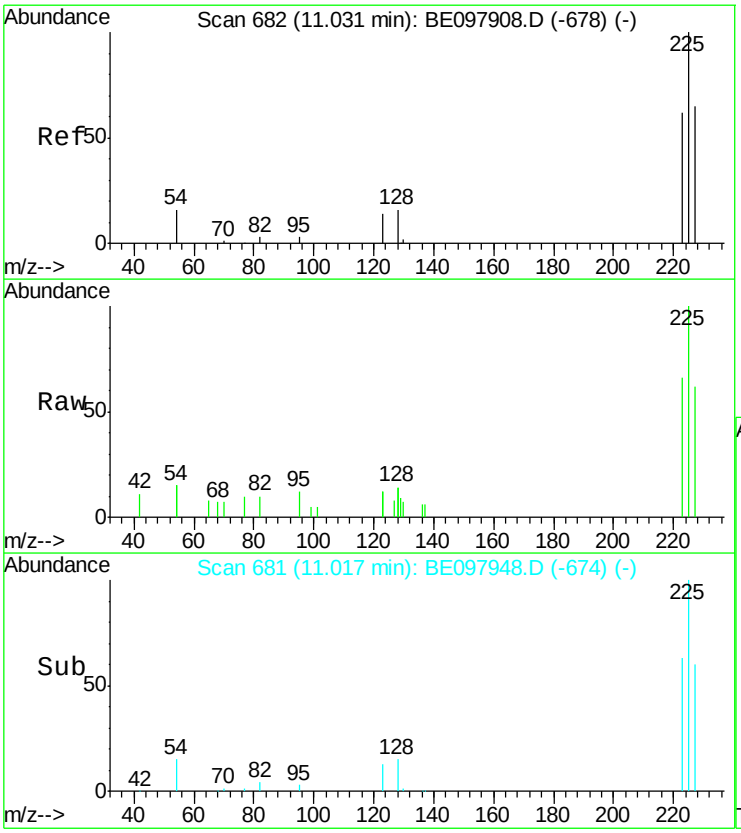
#9
Naphthalene
Concen: 0.377 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 26667

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.5	2.8	4.2

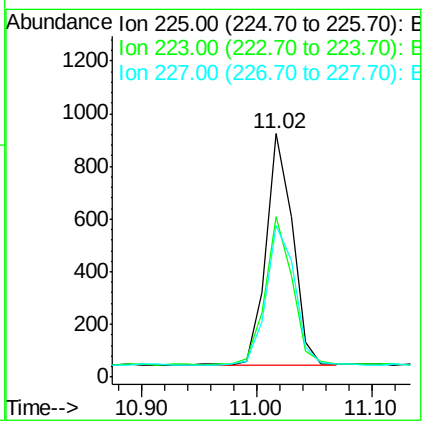


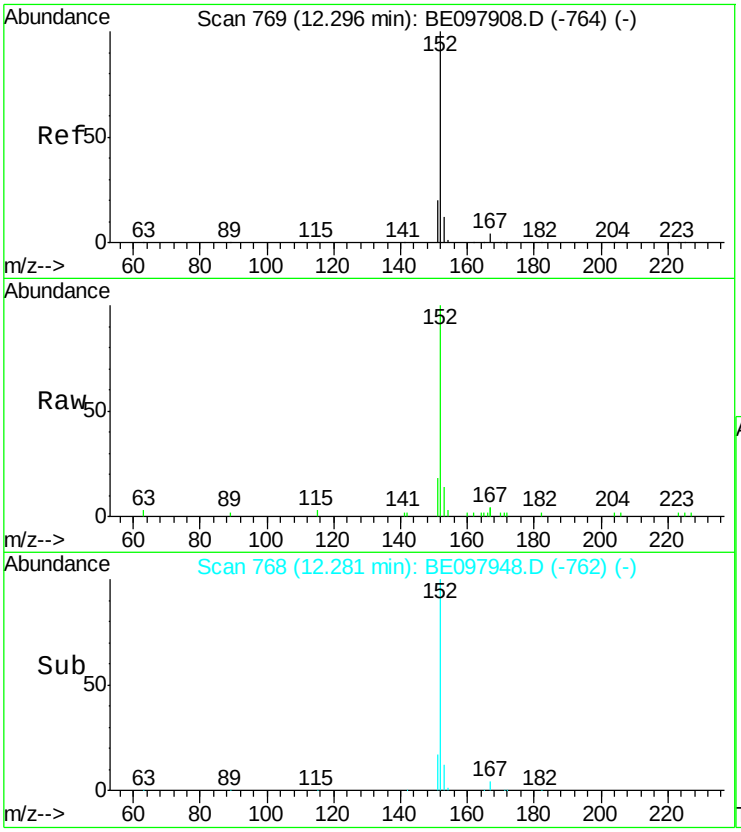


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:225 Resp: 1425

Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.8	77.8
227	66.0	53.0	79.6



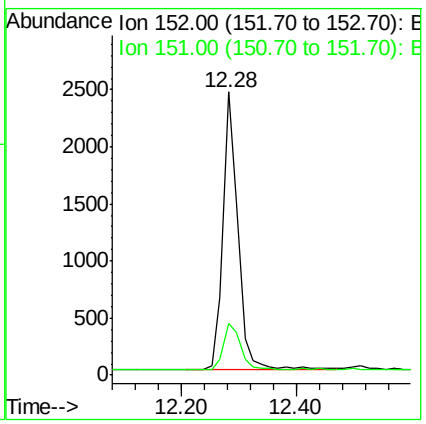


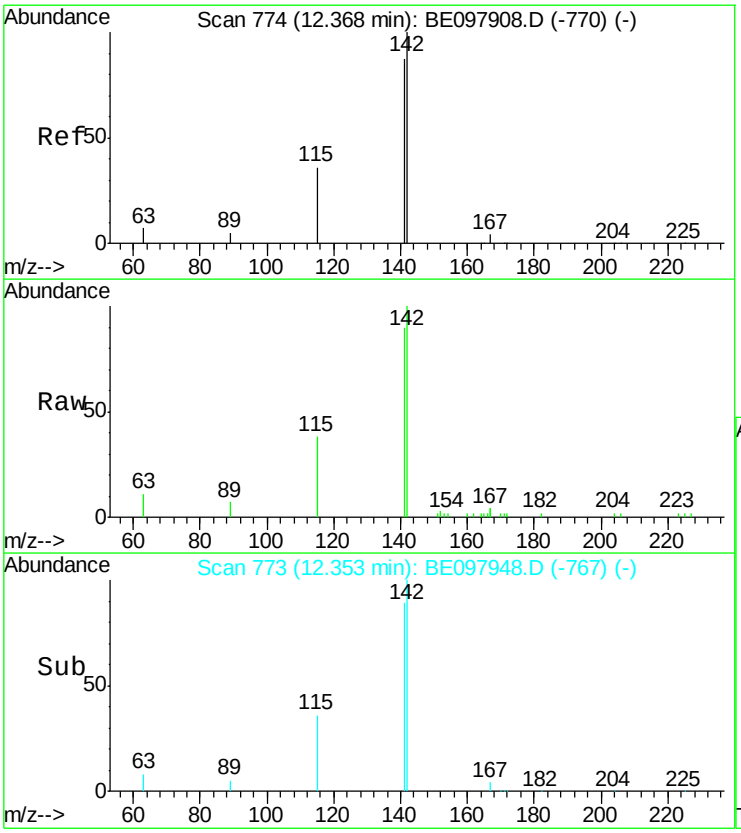
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4382

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

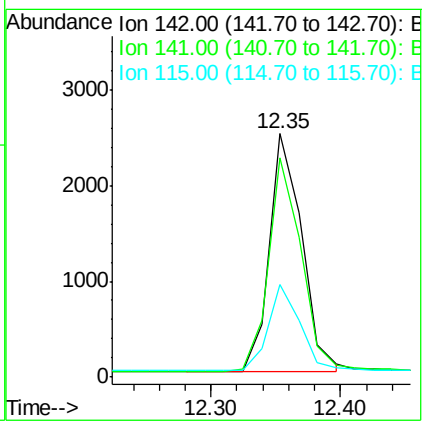


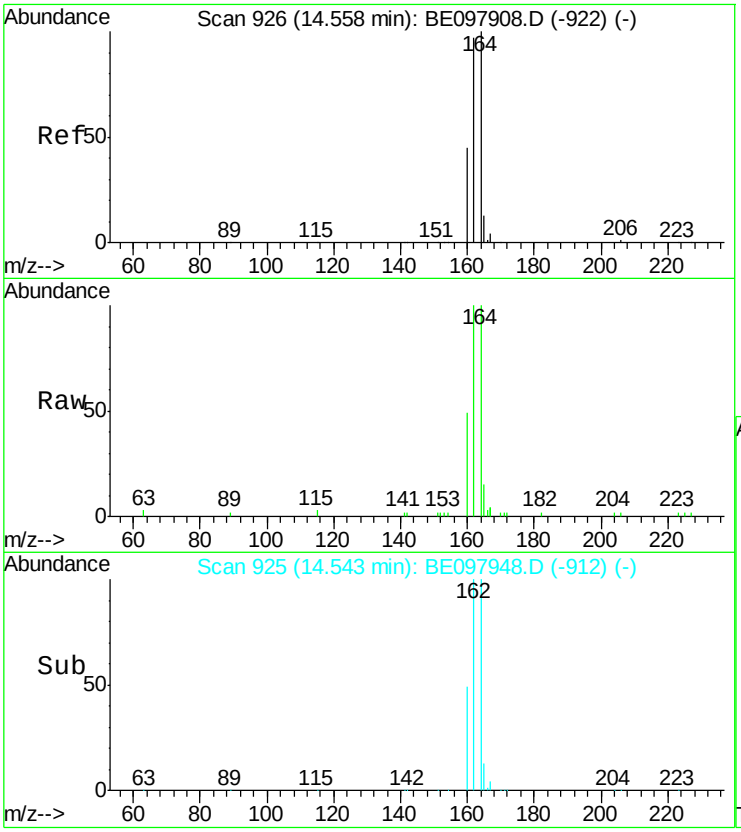


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:142 Resp: 4308

Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.8	104.6
115	38.1	30.5	45.7



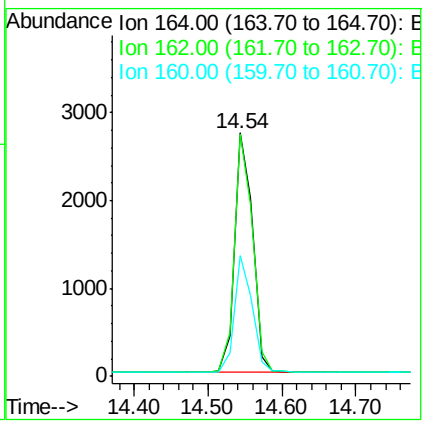


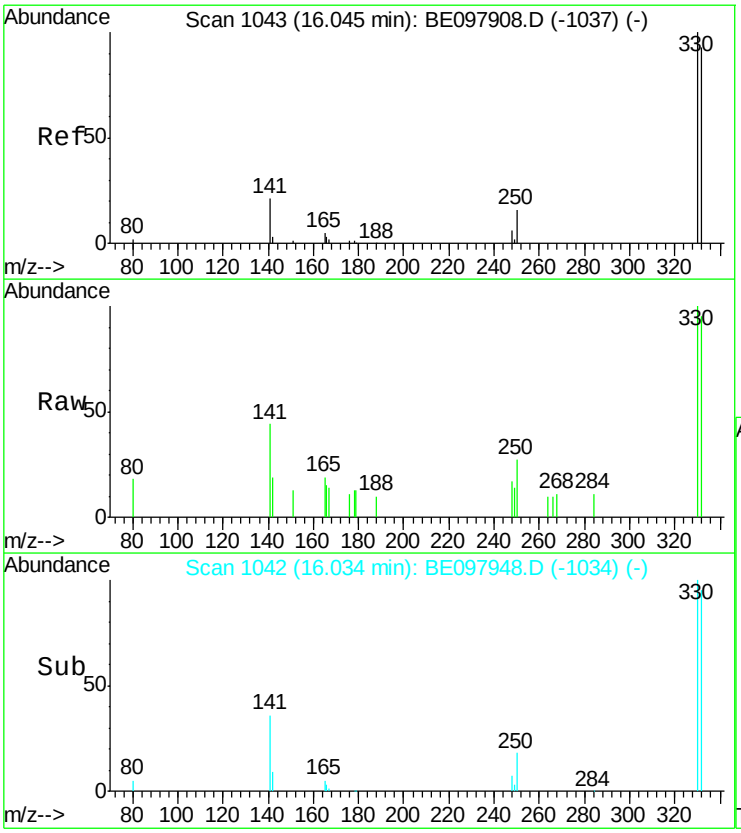
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4632

Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.4	116.2
160	49.4	36.5	54.7

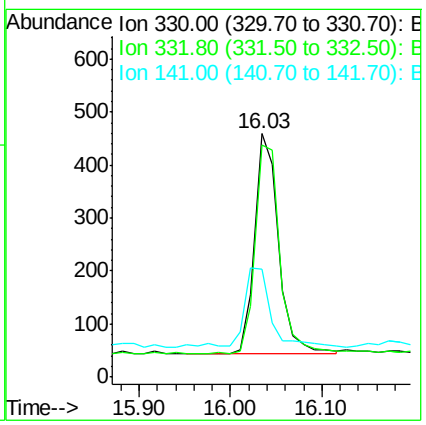


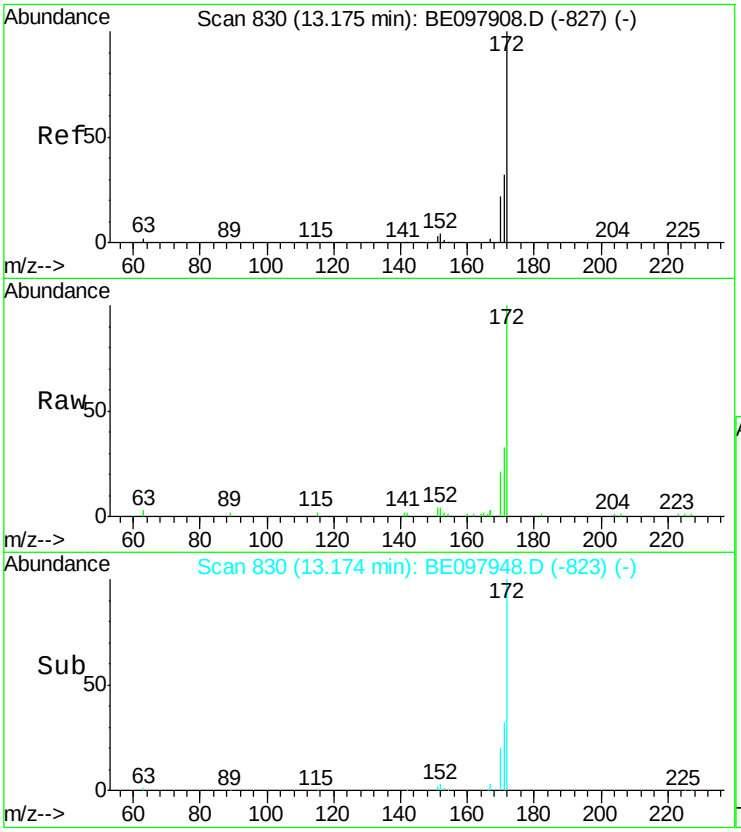


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:330 Resp: 760

Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.5	114.7
141	38.9	31.8	47.6



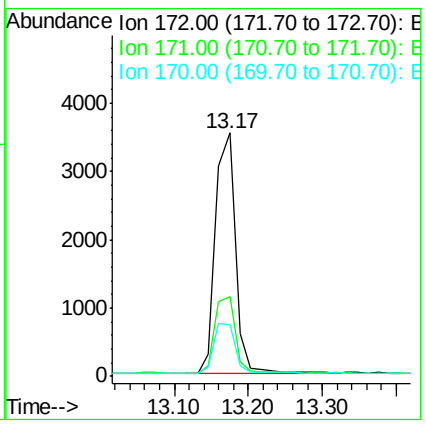


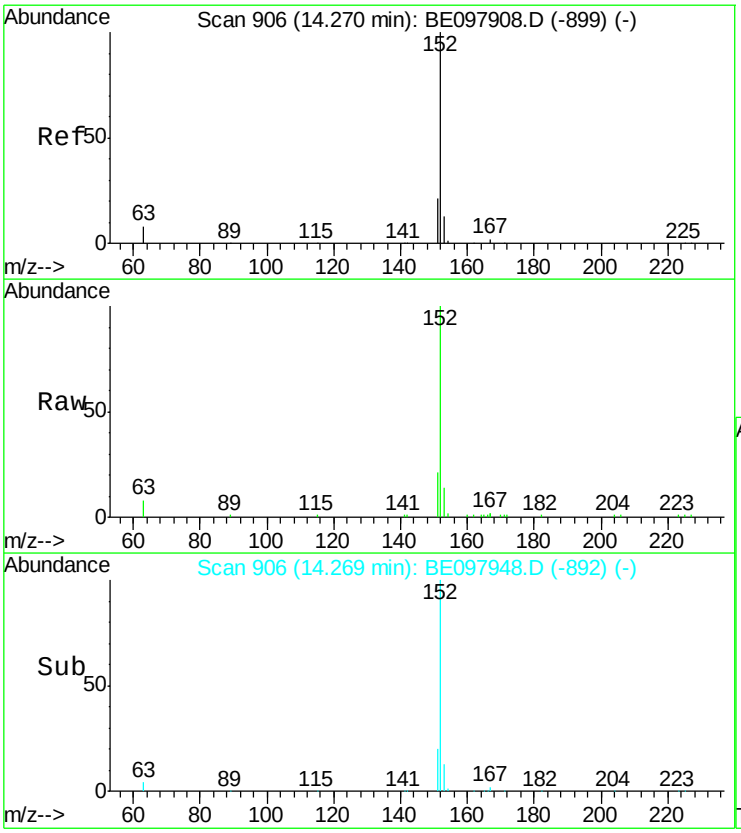
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6596

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.0	39.0
170	21.3	18.0	27.0

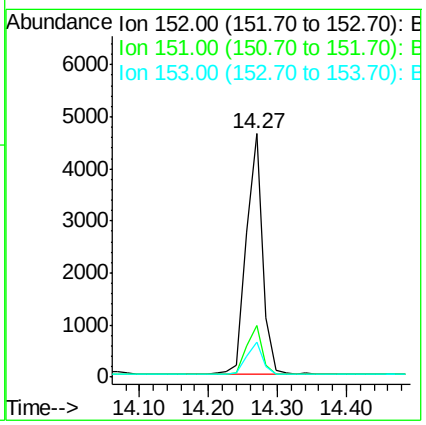


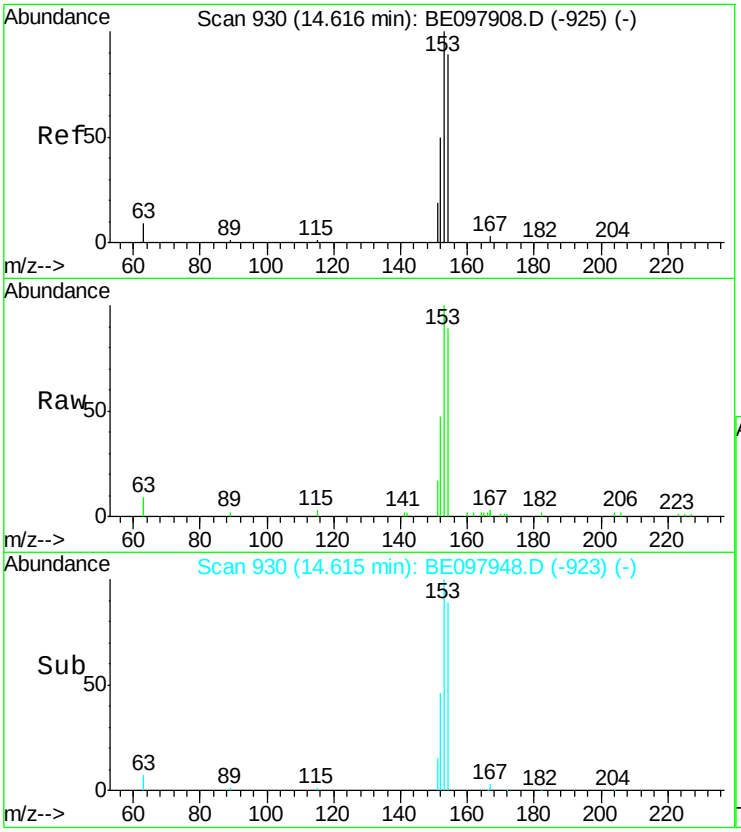


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:152 Resp: 7689

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.3	10.9	16.3



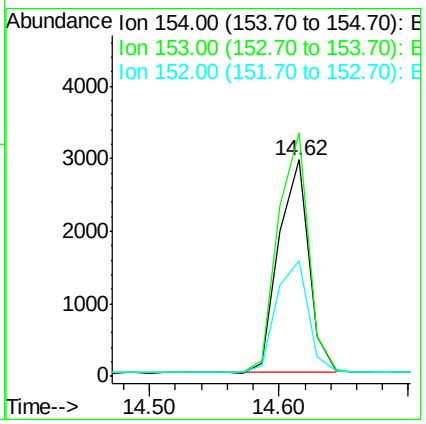


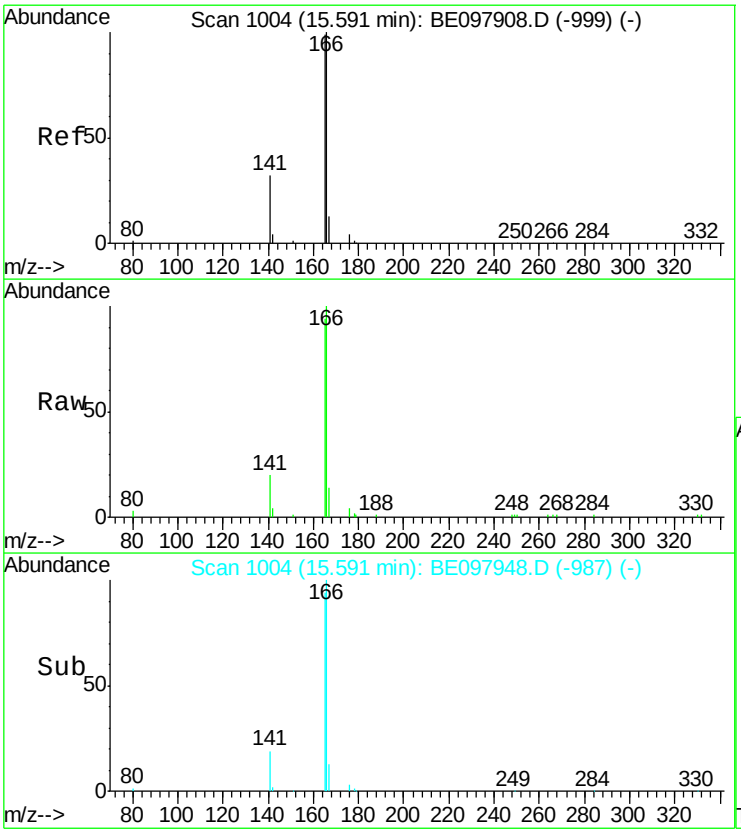
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4774

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.6	139.0
152	55.4	45.5	68.3

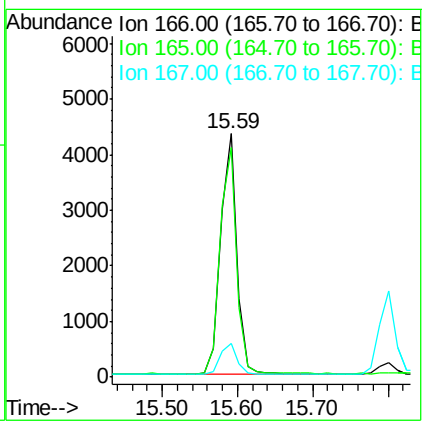


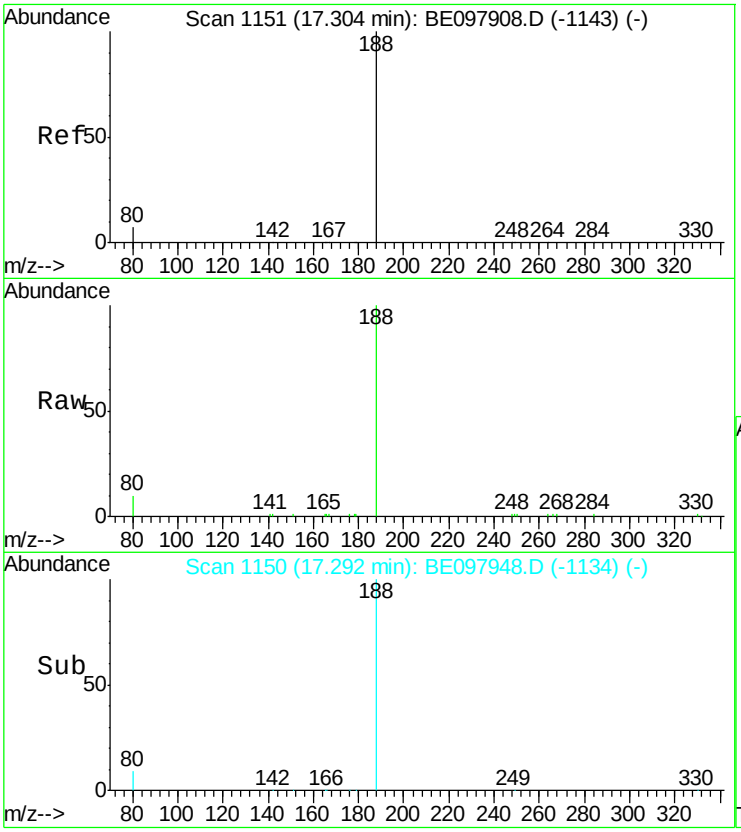


#18
Fluorene
Concen: 0.366 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:166 Resp: 6582

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.4
167	13.9	11.0	16.6



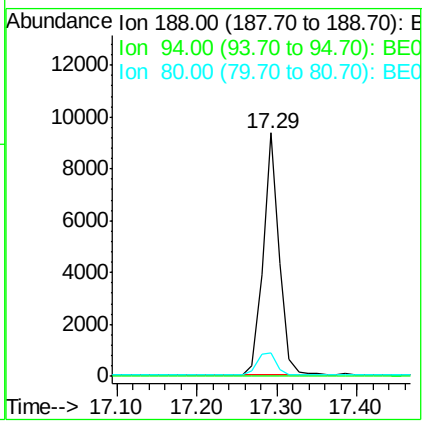


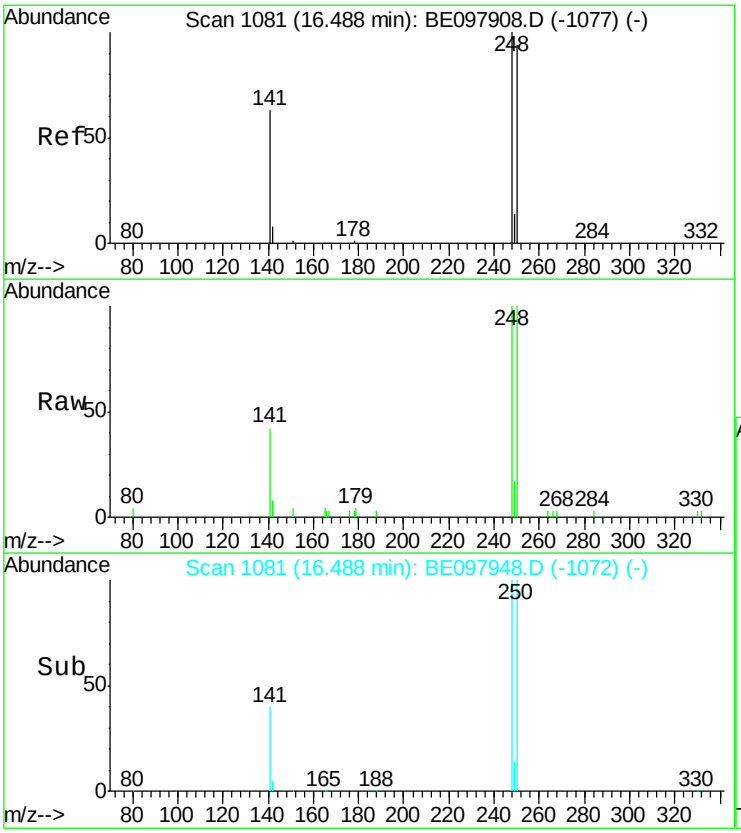
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 13163

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	6.3	9.5#

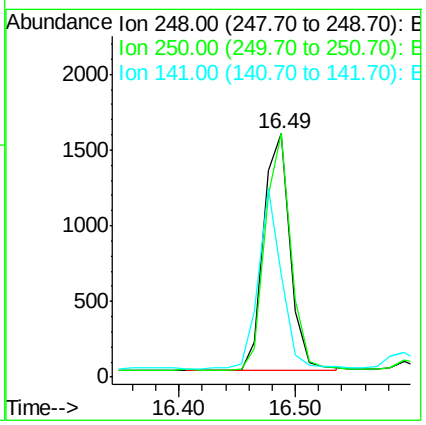


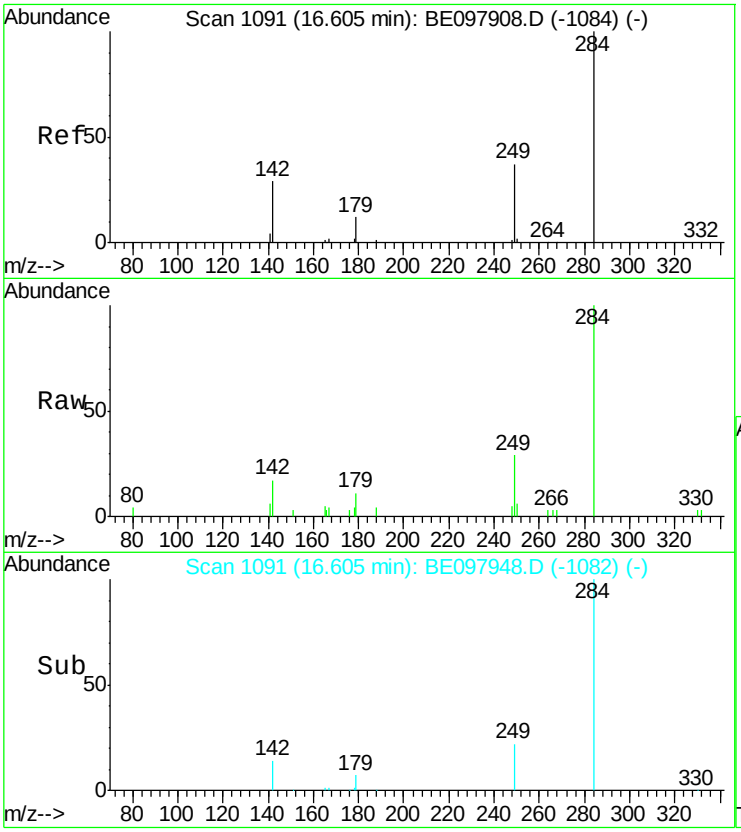


#20
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.49 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:248 Resp: 2486

Ion	Ratio	Lower	Upper
248	100		
250	100.1	75.1	112.7
141	42.3	51.8	77.8#



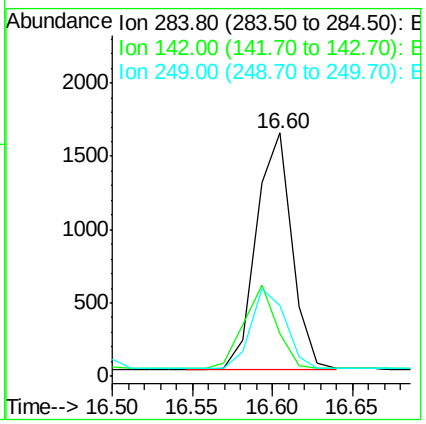


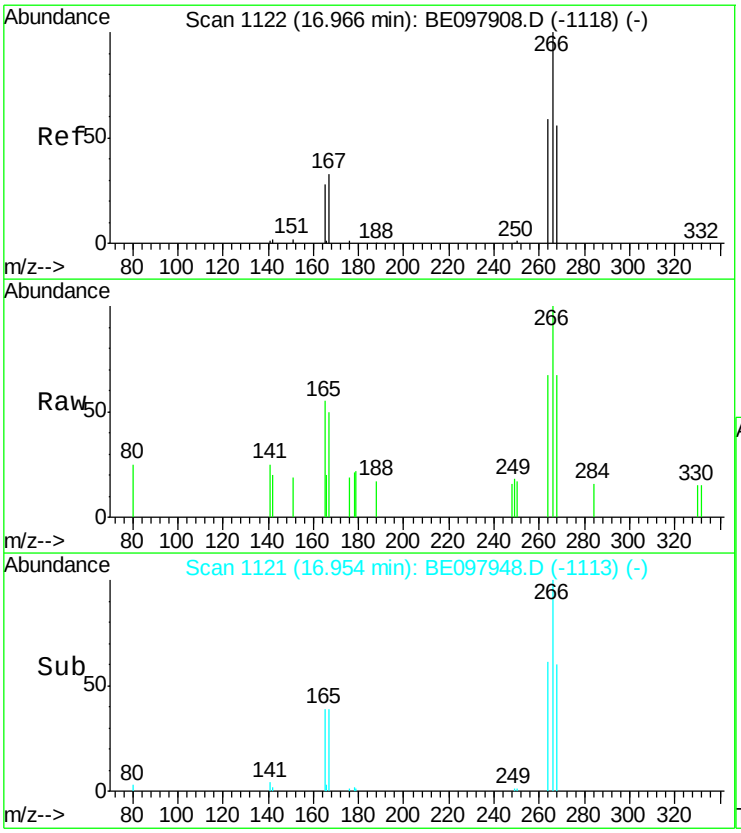
#21
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2495

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.9	38.9
249	33.2	26.6	40.0

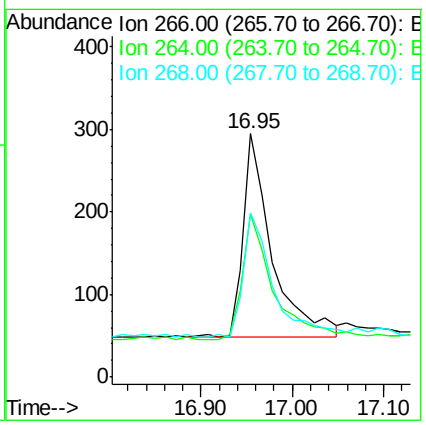


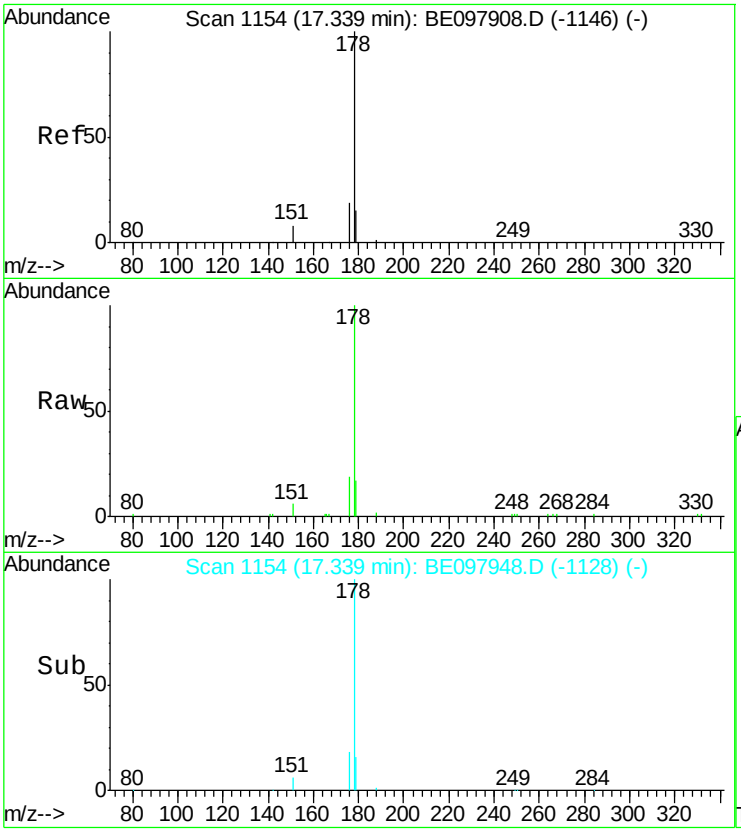


#22
Pentachlorophenol
Concen: 0.325 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:266 Resp: 534

Ion	Ratio	Lower	Upper
266	100		
264	66.8	51.3	76.9
268	67.5	50.1	75.1



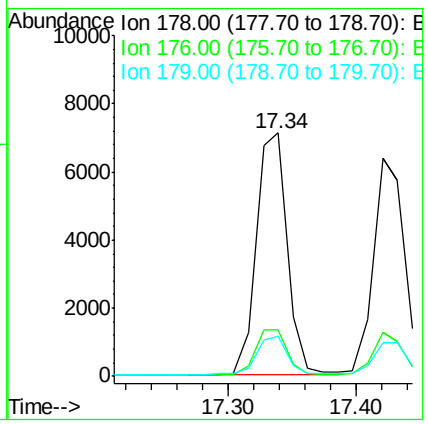


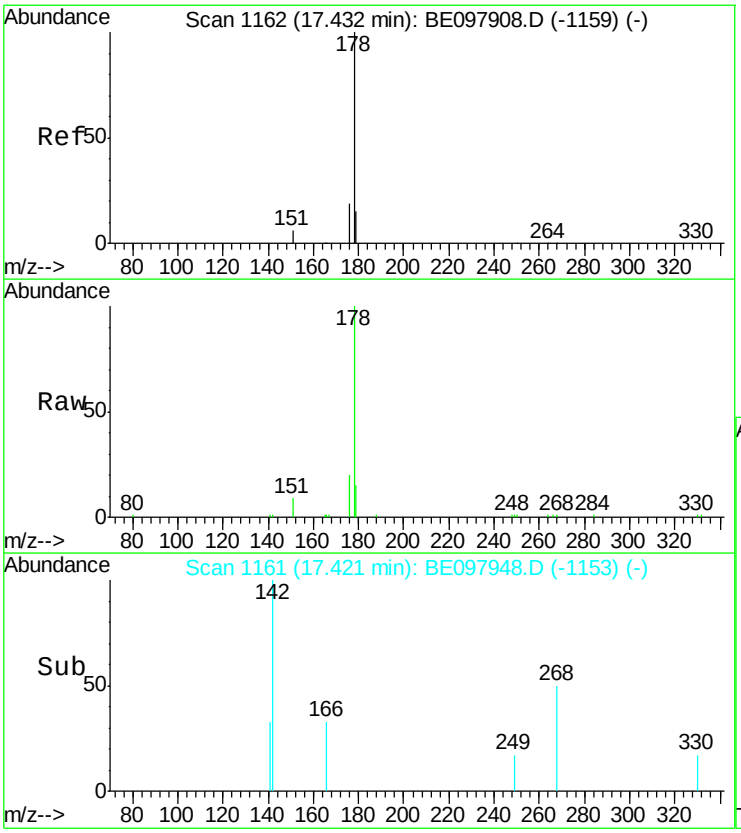
#23
Phenanthrene
Concen: 0.357 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 11933

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.6	12.2	18.4

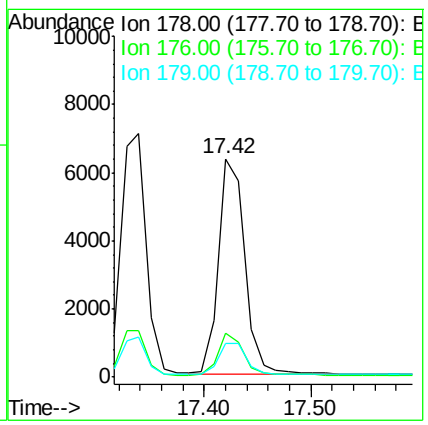


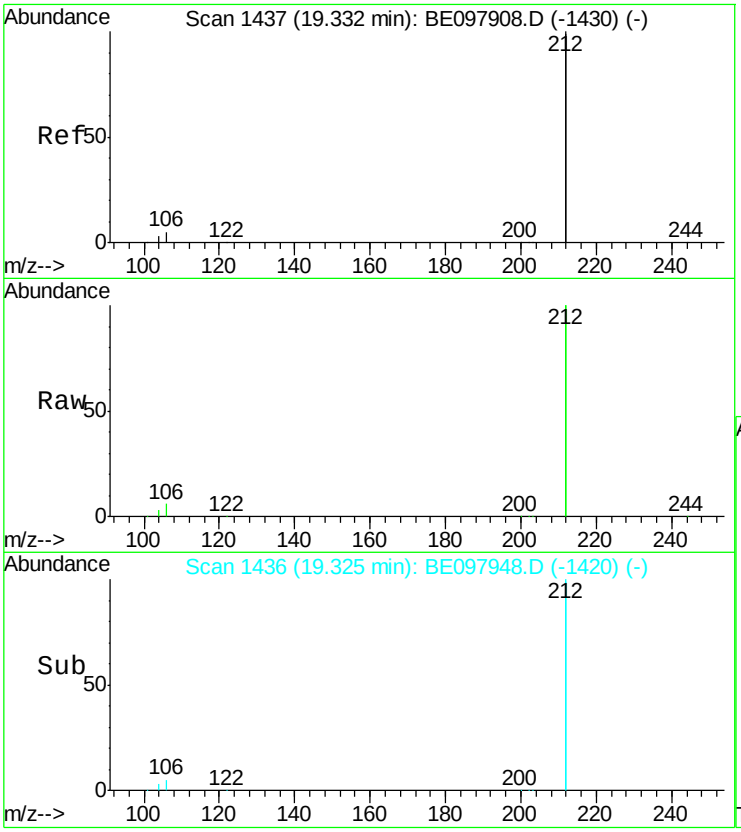


#24
Anthracene
Concen: 0.341 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:178 Resp: 10771

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	11.9	17.9



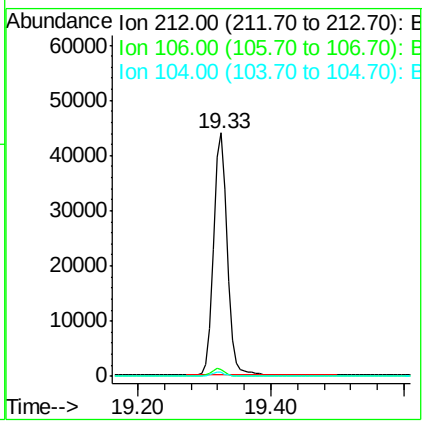


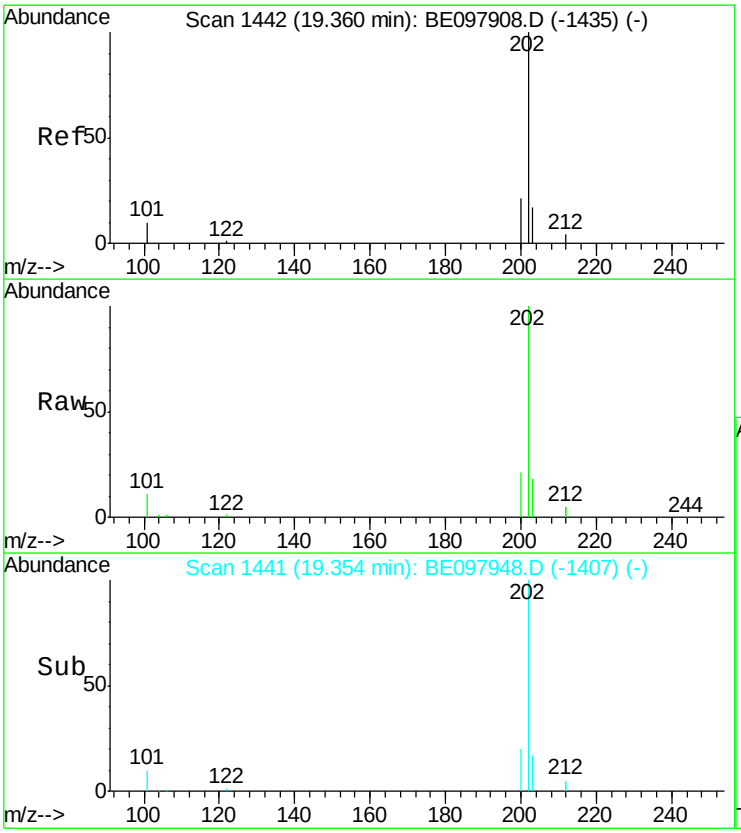
#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 62706

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.6	1.3	1.9

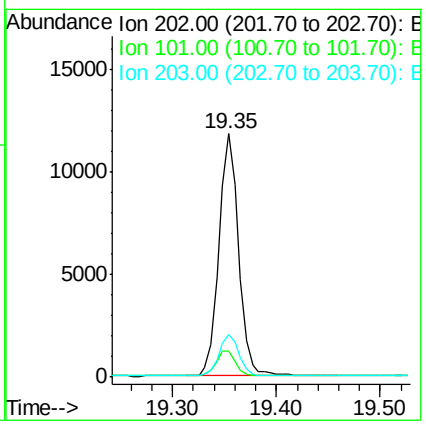


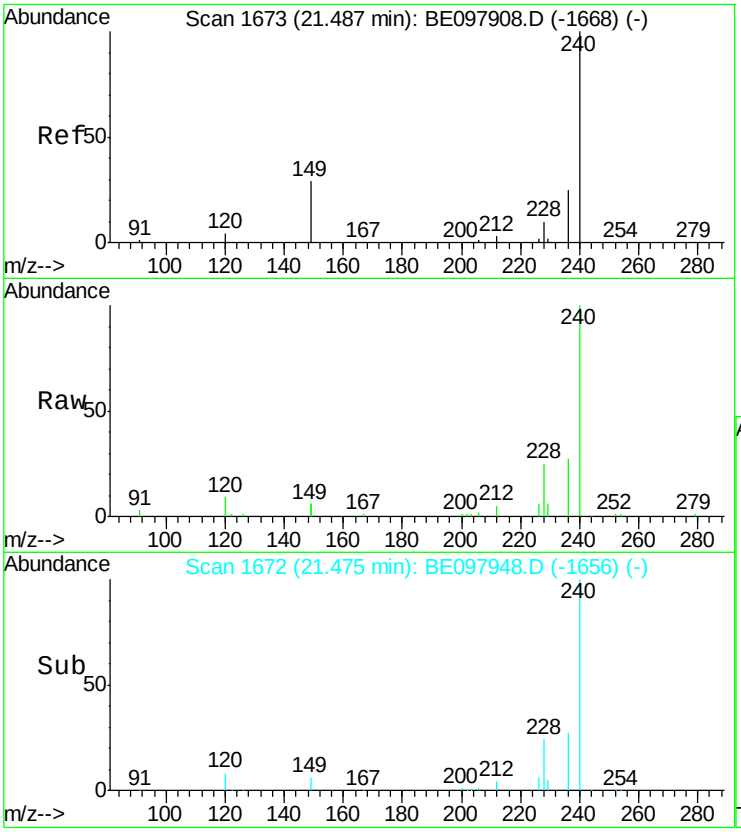


#26
Fluoranthene
Concen: 0.354 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:202 Resp: 15555

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2
203	17.1	15.0	22.4



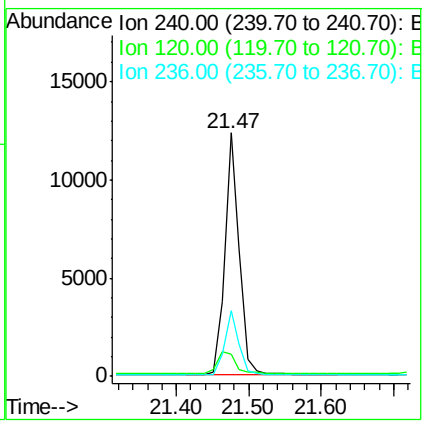


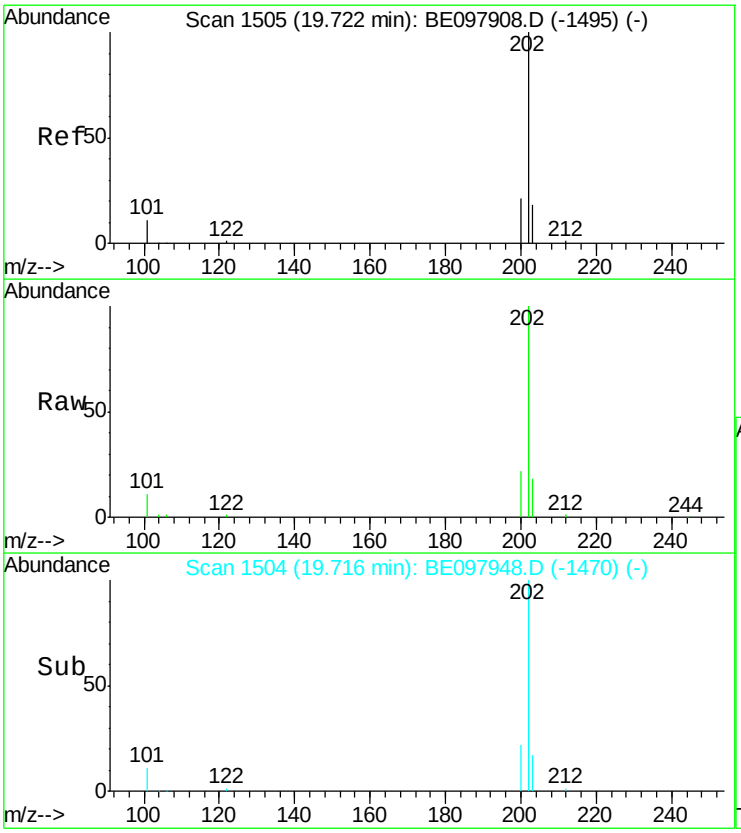
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 17501

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.1	10.7
236	27.0	21.3	31.9

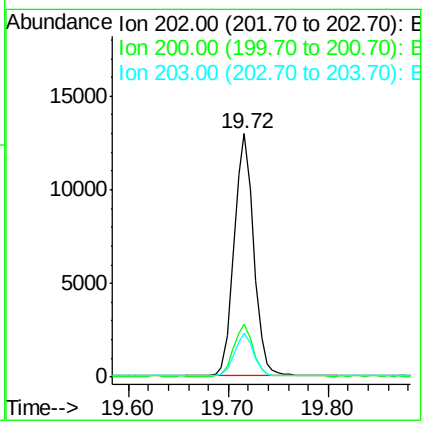


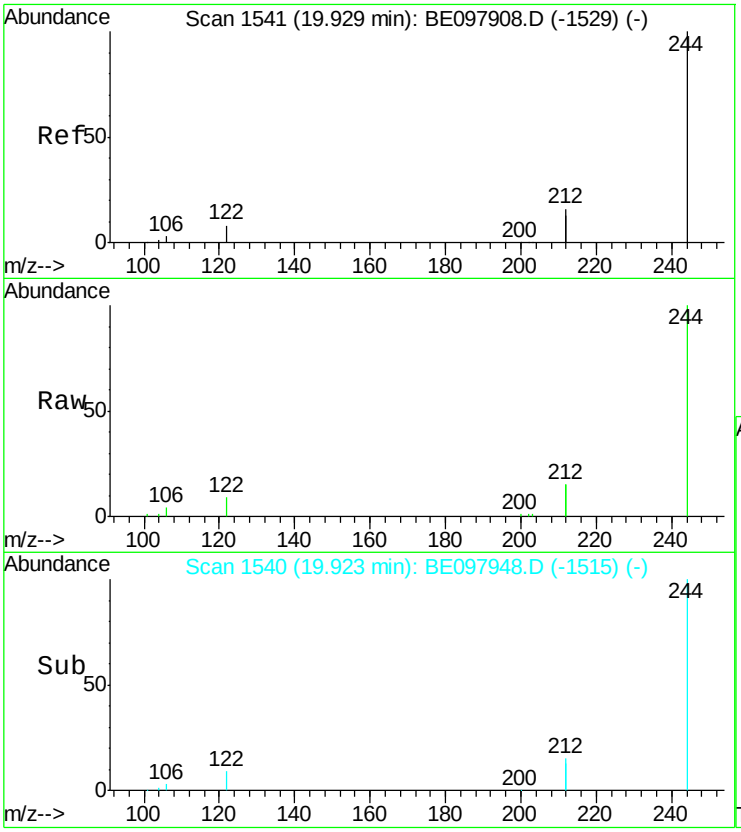


#28
Pyrene
Concen: 0.348 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:202 Resp: 17589

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.3	14.2	21.4



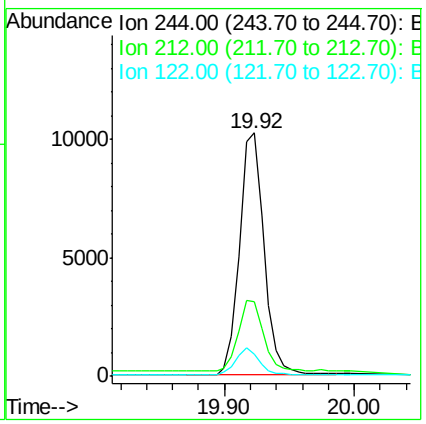


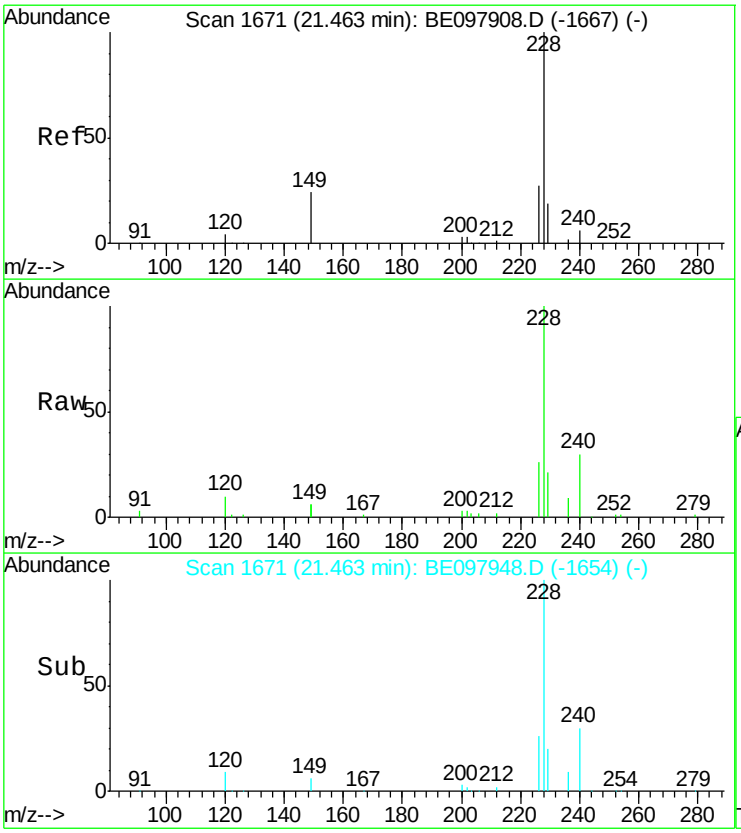
#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13404

Ion	Ratio	Lower	Upper
244	100		
212	30.6	26.2	39.2
122	9.3	7.7	11.5

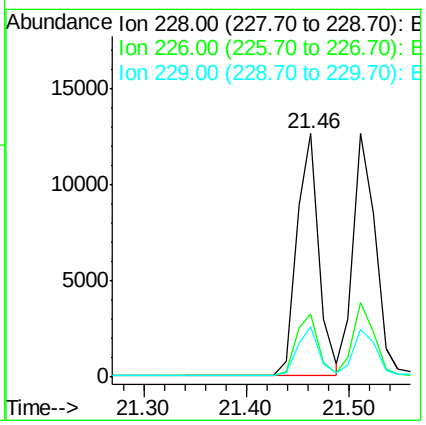


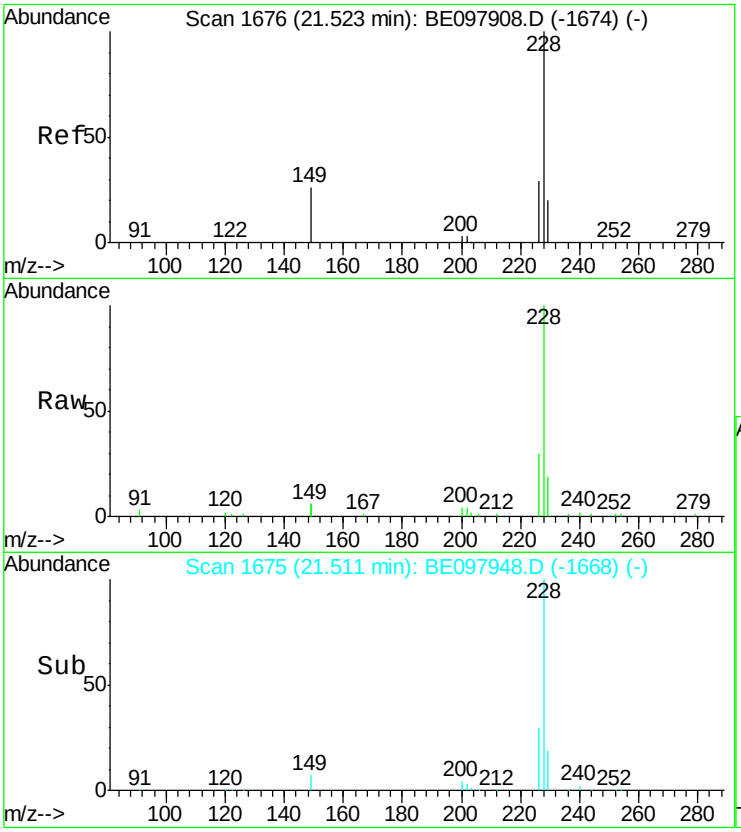


#30
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:228 Resp: 18838

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.7	16.9	25.3



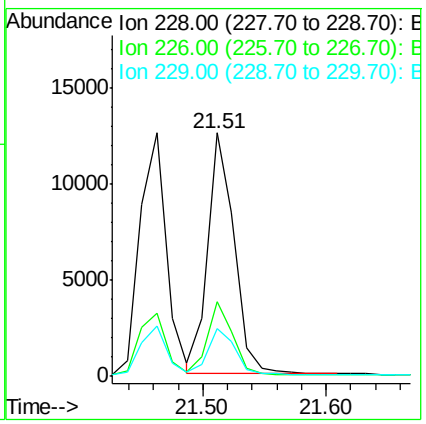


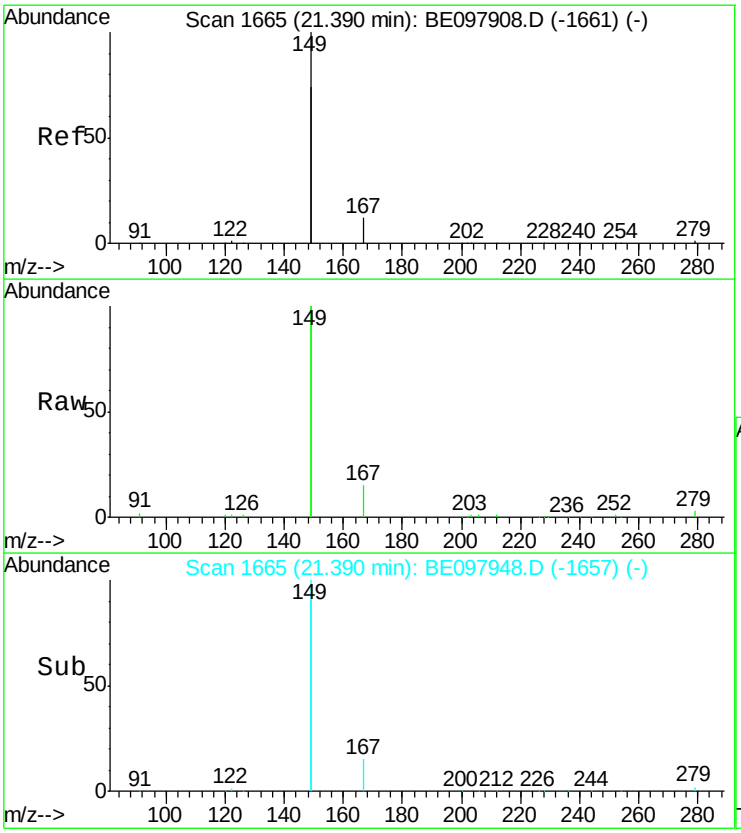
#31
Chrysene
Concen: 0.367 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18682

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.4	17.3	25.9

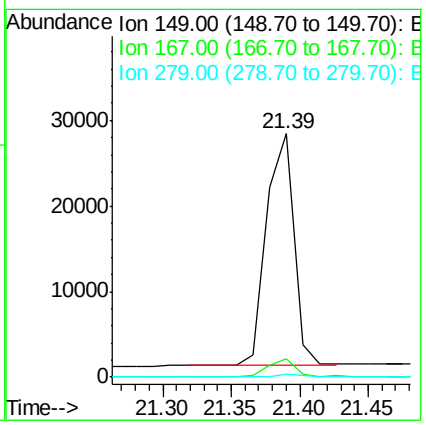


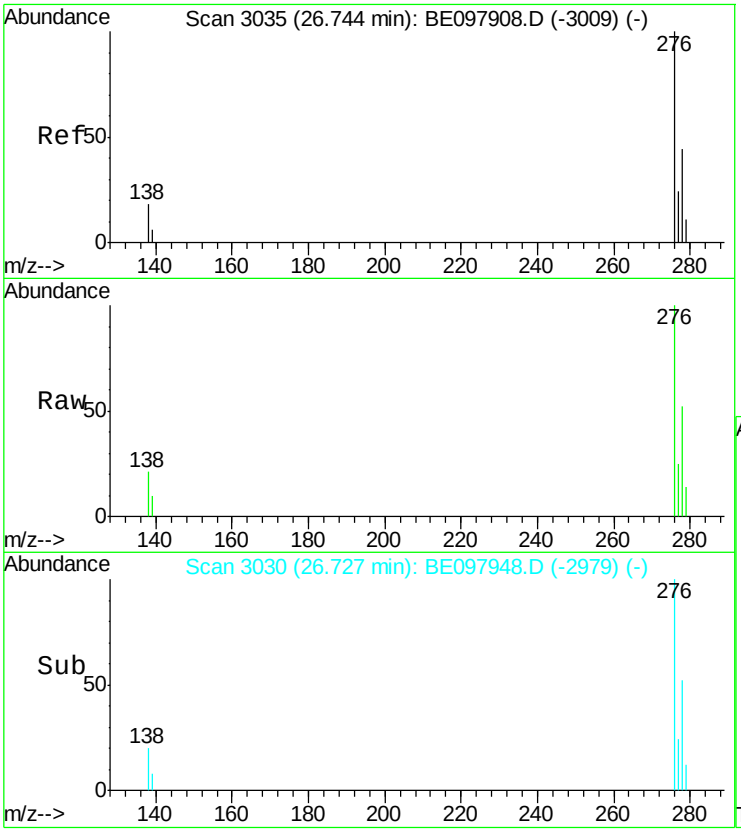


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.266 ng
RT: 21.39 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:149 Resp: 37934

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.0	0.9	1.3



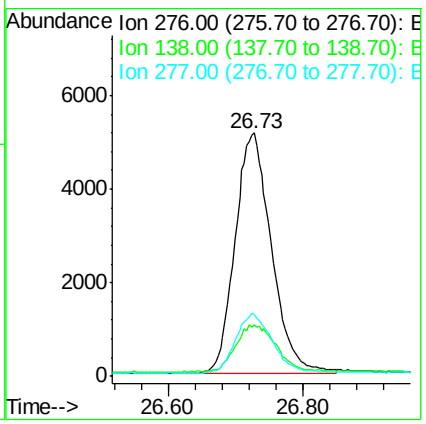


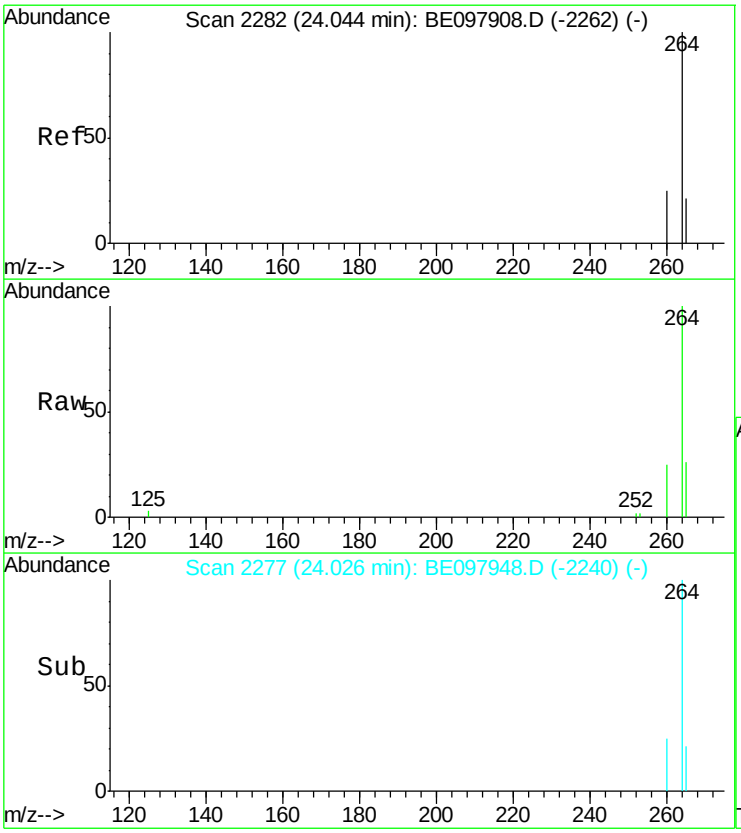
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.02 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19194

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	25.0	20.5	30.7

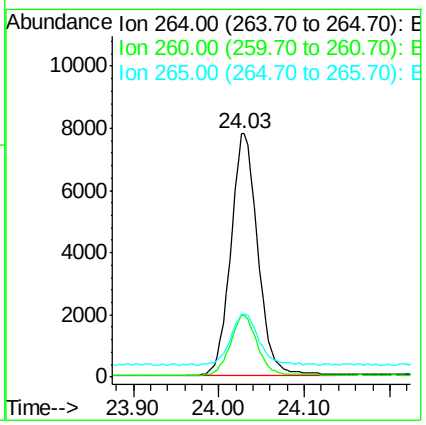


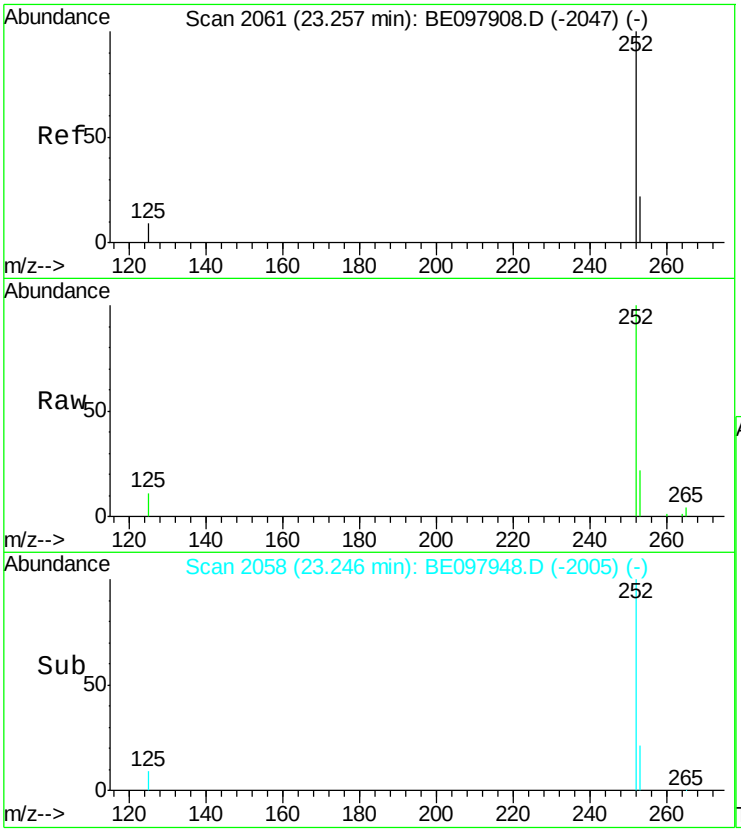


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:264 Resp: 17018

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.1	31.7
265	26.0	29.2	43.8#



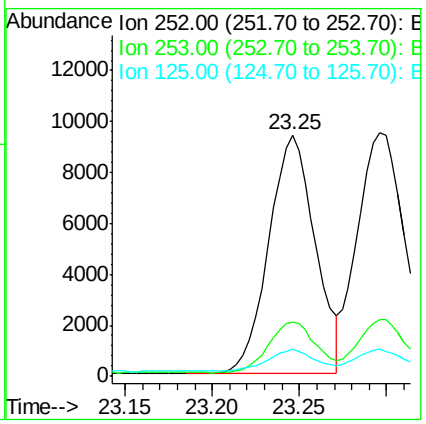


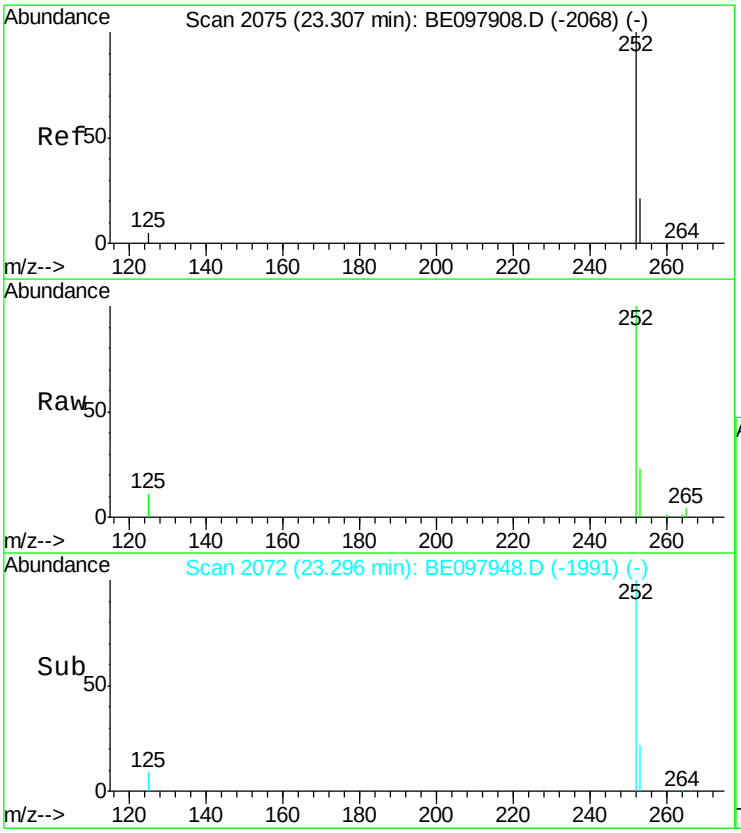
#35
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 17292

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.6	31.0
125	11.2	14.3	21.5#

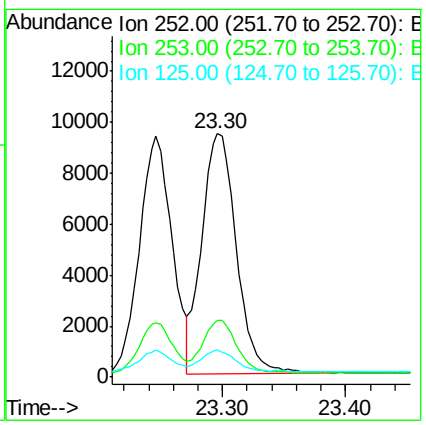


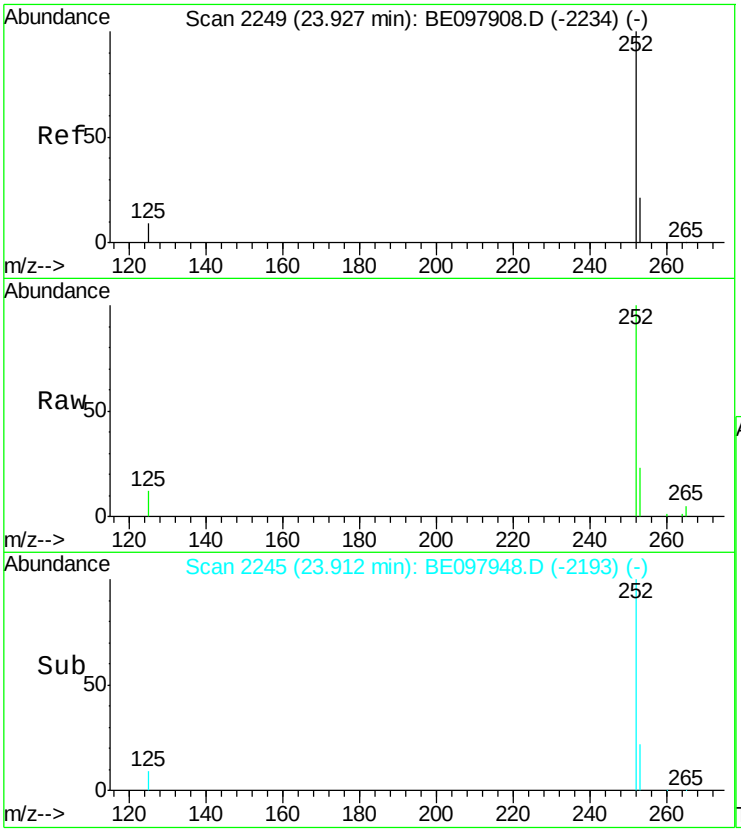


#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:252 Resp: 18280

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.4	30.6
125	11.0	14.6	21.8#



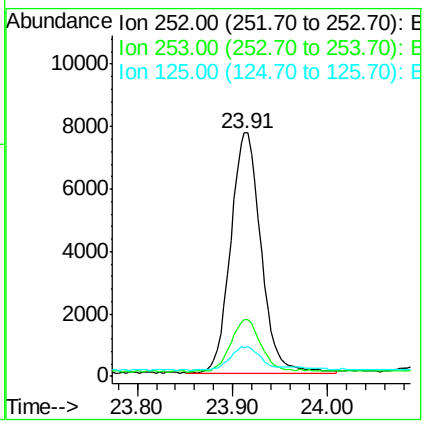


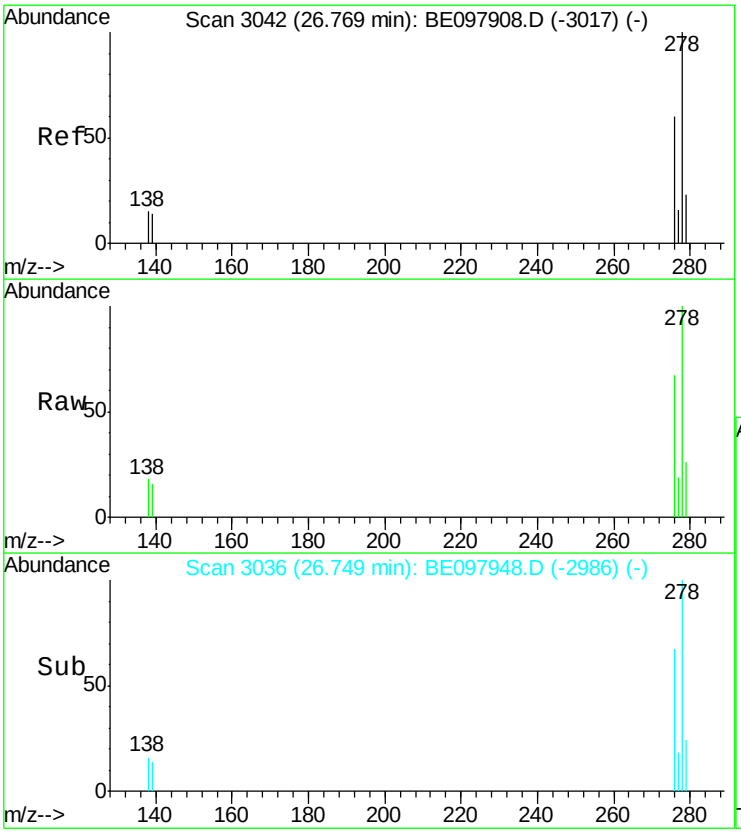
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16954

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	31.0
125	11.8	15.6	23.4#

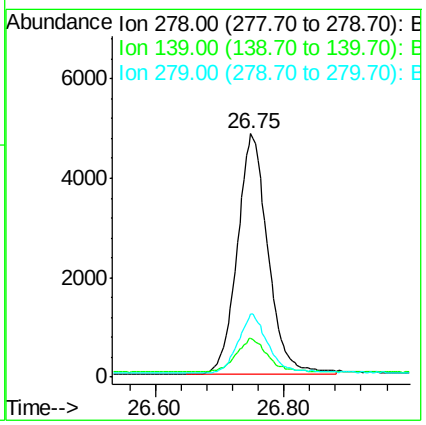


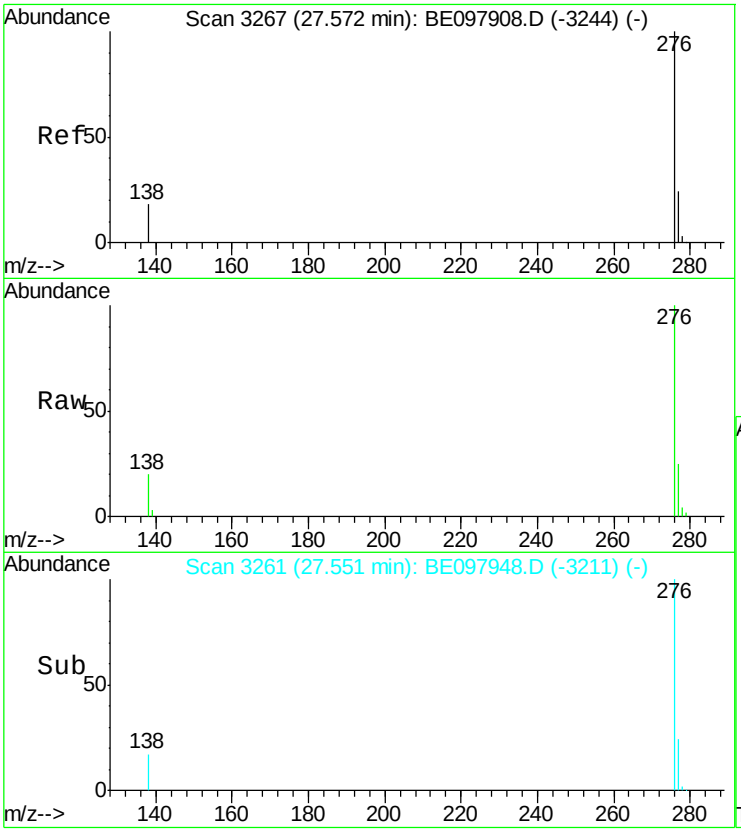


#38
Dibenzo(a,h)anthracene
Concen: 0.344 ng
RT: 26.75 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:278 Resp: 16065

Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.3	24.5#
279	25.7	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.340 ng
RT: 27.55 min Scan# 3261
Delta R.T. -0.02 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16298

Ion	Ratio	Lower	Upper
276	100		
277	25.1	22.1	33.1
138	19.9	19.3	28.9