Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097985.D
Acq On : 19 Oct 2018 9:44
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 19 23:28:06 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	2542	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	12505	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	8775	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	21966	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	25250	0.40	ng		-0.01
34) Perylene-d12	24.02	264	24608	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	3018	0.38	ng		-0.01
5) Phenol-d6	7.04	99	4715	0.40	ng		-0.01
8) Nitrobenzene-d5	9.03	82	4146	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8070	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	1581	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	12390	0.35	ng		-0.01
25) Fluoranthene-d10	19.32	212	97241	0.33	ng		-0.01
29) Terphenyl-d14	19.92	244	19985	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1454	0.328	ng		95
3) n-Nitrosodimethylamine	3.69	42	1475	0.298	ng		95
6) bis(2-Chloroethyl)ether	7.30	93	3520	0.350	ng		100
9) Naphthalene	10.73	128	47420	0.381	ng		100
10) Hexachlorobutadiene	11.02	225	2510	0.374	ng		97
12) 2-Methylnaphthalene	12.35	142	8388	0.393	ng		97
16) Acenaphthylene	14.27	152	14968	0.369	ng		99
17) Acenaphthene	14.62	154	9335	0.377	ng		97
18) Fluorene	15.59	166	12079	0.354	ng		100
20) 4-Bromophenyl-phenylether	16.48	248	4395	0.366	ng		92
21) Hexachlorobenzene	16.59	284	4602	0.390	ng		99
22) Pentachlorophenol	16.95	266	1391	0.473	ng		97
23) Phenanthrene	17.33	178	19825	0.355	ng		100
24) Anthracene	17.42	178	18668	0.354	ng		100
26) Fluoranthene	19.35	202	24310	0.332	ng		98
28) Pyrene	19.72	202	25936	0.356	ng		100
30) Benzo(a)anthracene	21.46	228	27239	0.352	ng		98
31) Chrysene	21.51	228	26407	0.360	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	61429	0.318	ng		100
33) Indeno(1,2,3-cd)pyrene	26.72	276	28136	0.326	ng		98
35) Benzo(b)fluoranthene	23.24	252	24809	0.350	ng	#	93
36) Benzo(k)fluoranthene	23.29	252	26064	0.353	ng	#	93
37) Benzo(a)pyrene	23.91	252	24496	0.355	ng		94
38) Dibenzo(a,h)anthracene	26.74	278	23492	0.348	ng		97
39) Benzo(g,h,i)perylene	27.55	276	23381	0.338	ng		95

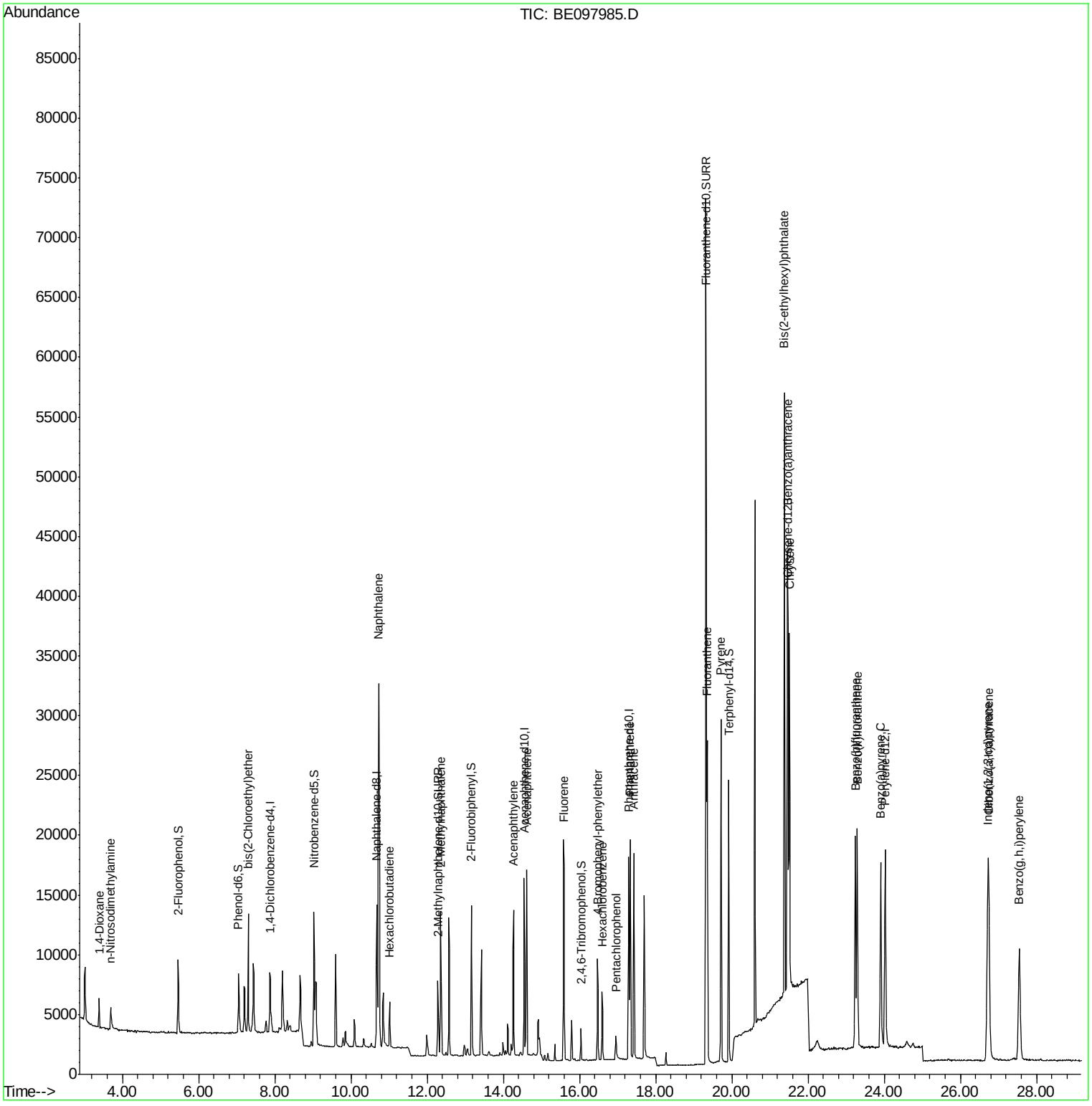
(#) = qualifier out of range (m) = manual integration (+) = signals summed

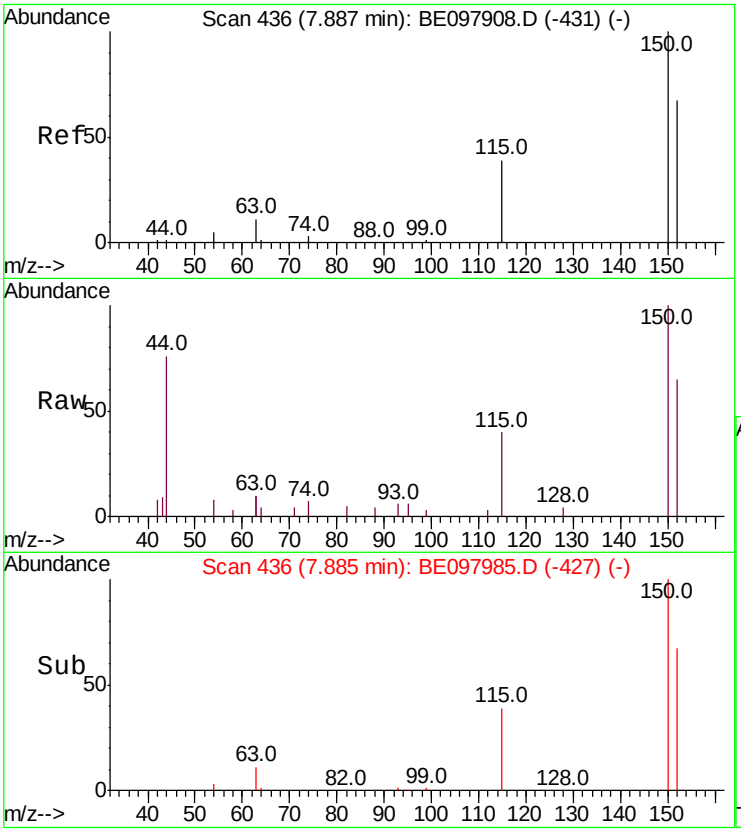
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097985.D
Acq On : 19 Oct 2018 9:44
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 19 23:28:06 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



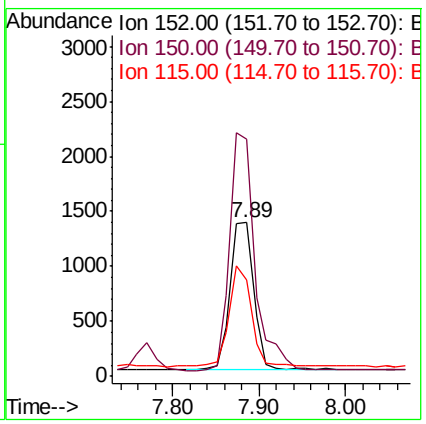


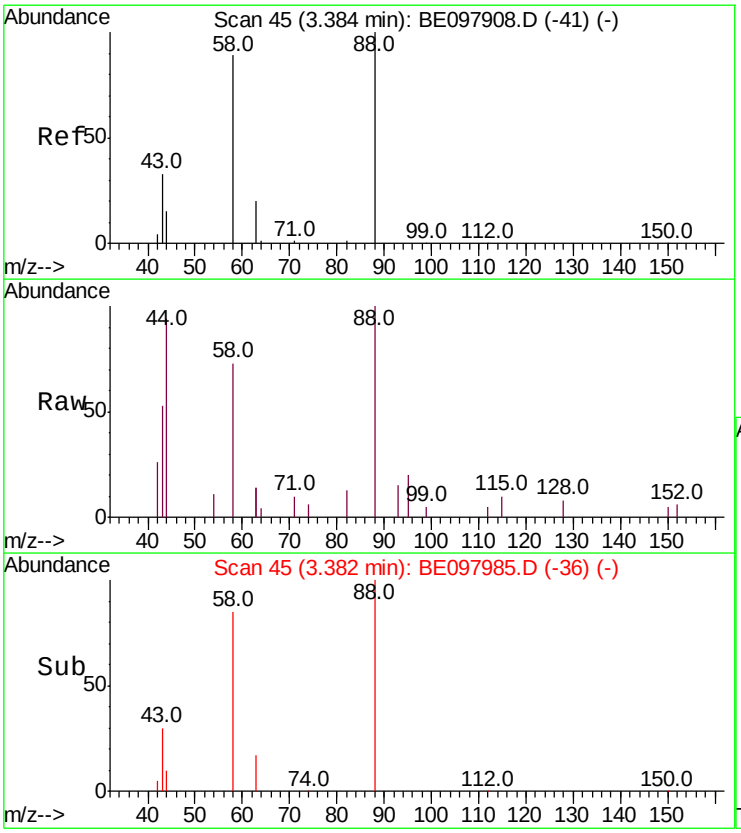
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2542

Ion	Ratio	Lower	Upper
152	100		
150	154.0	118.2	177.4
115	62.3	50.9	76.3

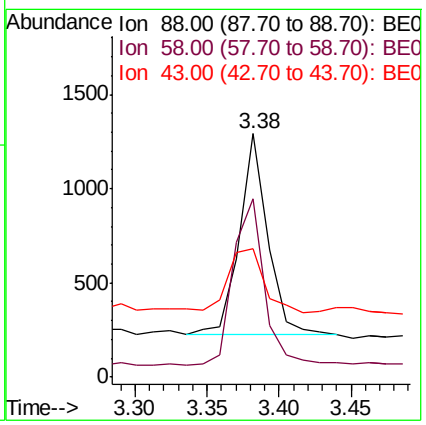


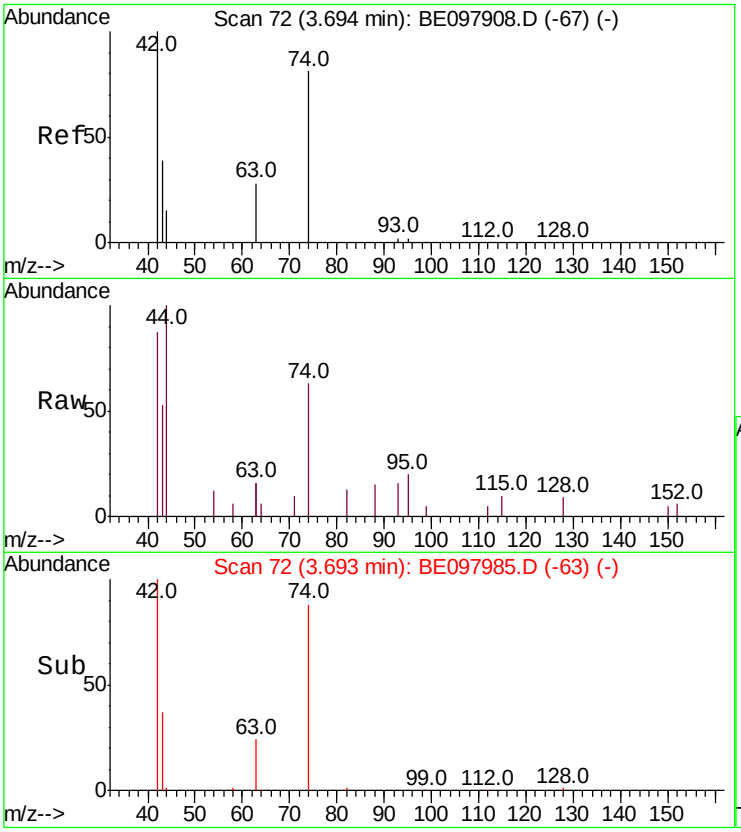


#2
1,4-Dioxane
Concen: 0.328 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion: 88 Resp: 1454

Ion	Ratio	Lower	Upper
88	100		
58	90.4	73.2	109.8
43	38.5	36.9	55.3



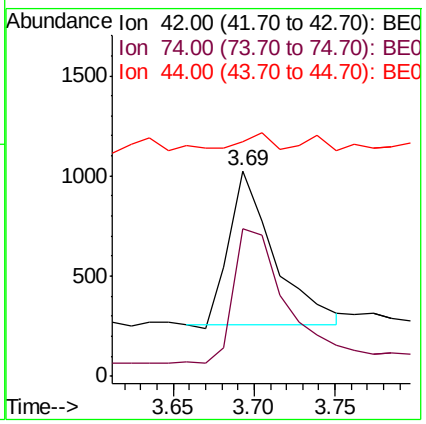


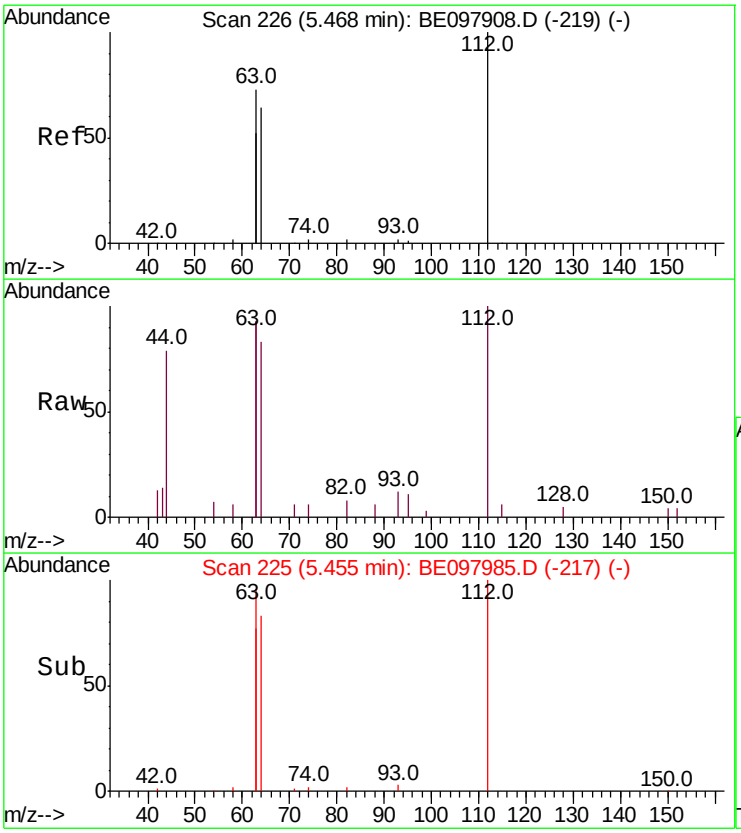
#3
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1475

Ion	Ratio	Lower	Upper
42	100		
74	102.1	77.6	116.4
44	8.4	7.6	11.4

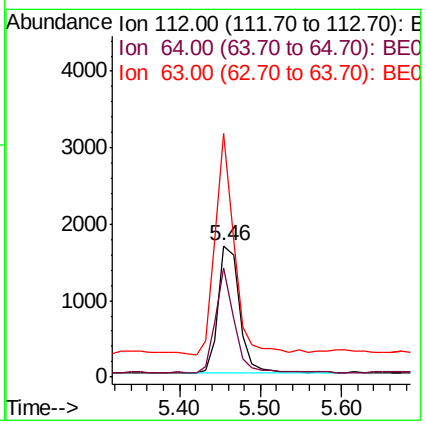


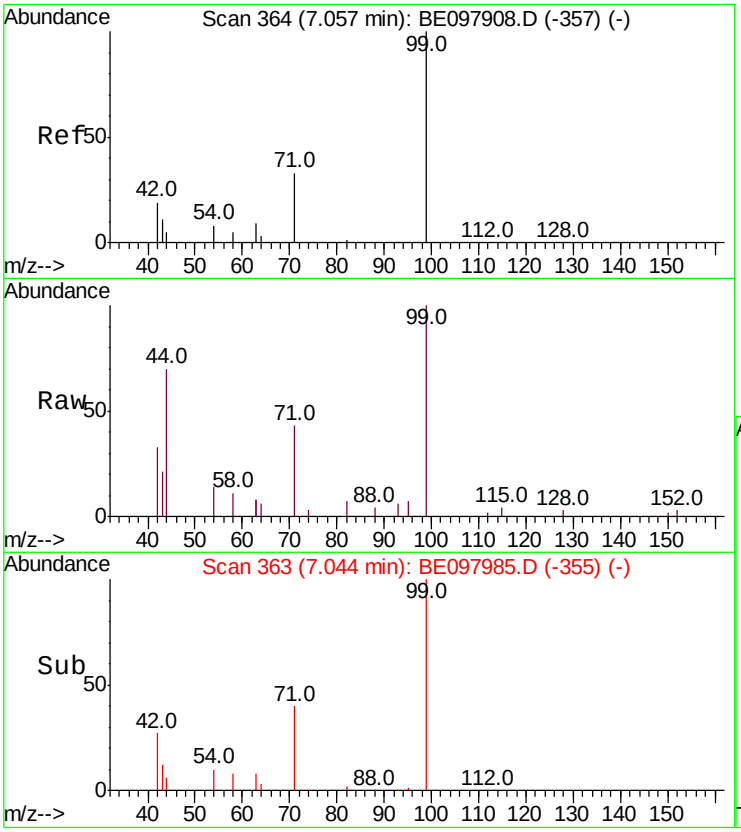


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:112 Resp: 3018

Ion	Ratio	Lower	Upper
112	100		
64	72.7	58.9	88.3
63	152.0	120.3	180.5



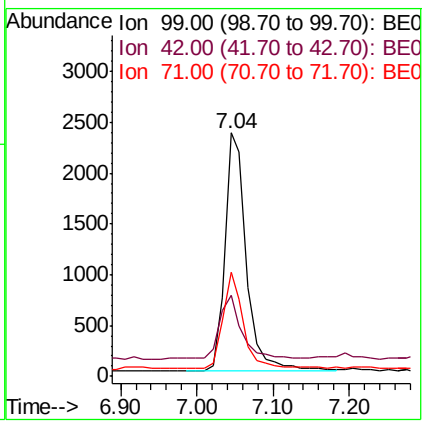


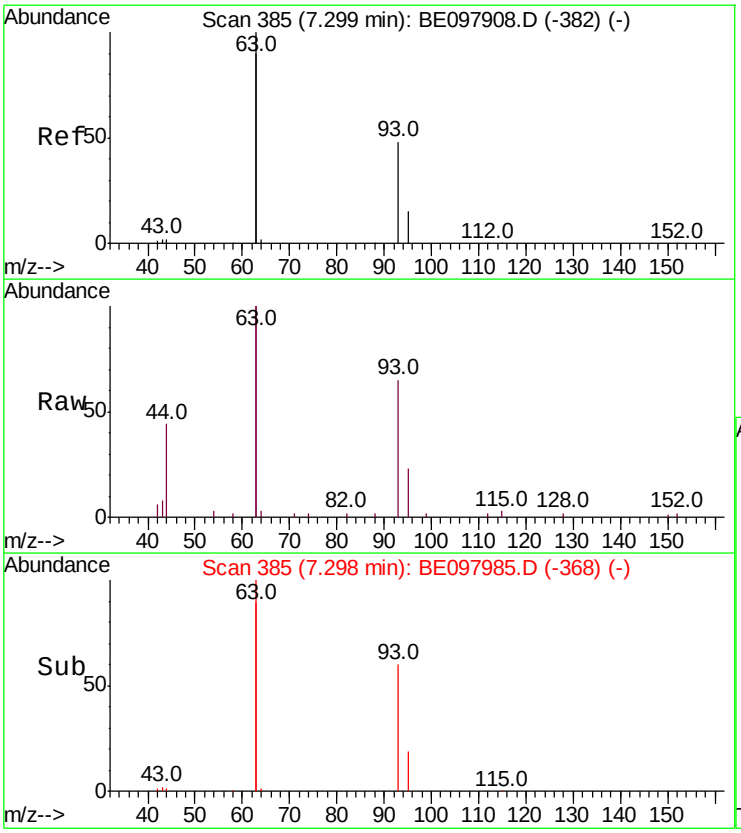
#5
Phenol-d6
Concen: 0.398 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4715

Ion	Ratio	Lower	Upper
99	100		
42	26.5	19.9	29.9
71	38.6	27.8	41.8

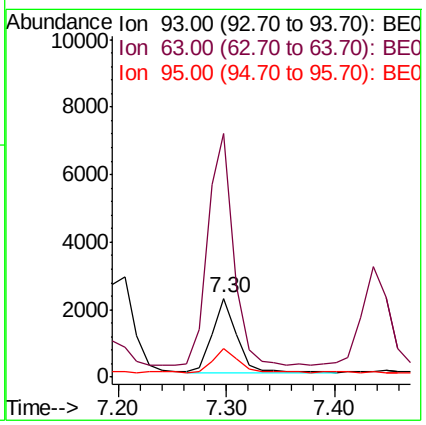


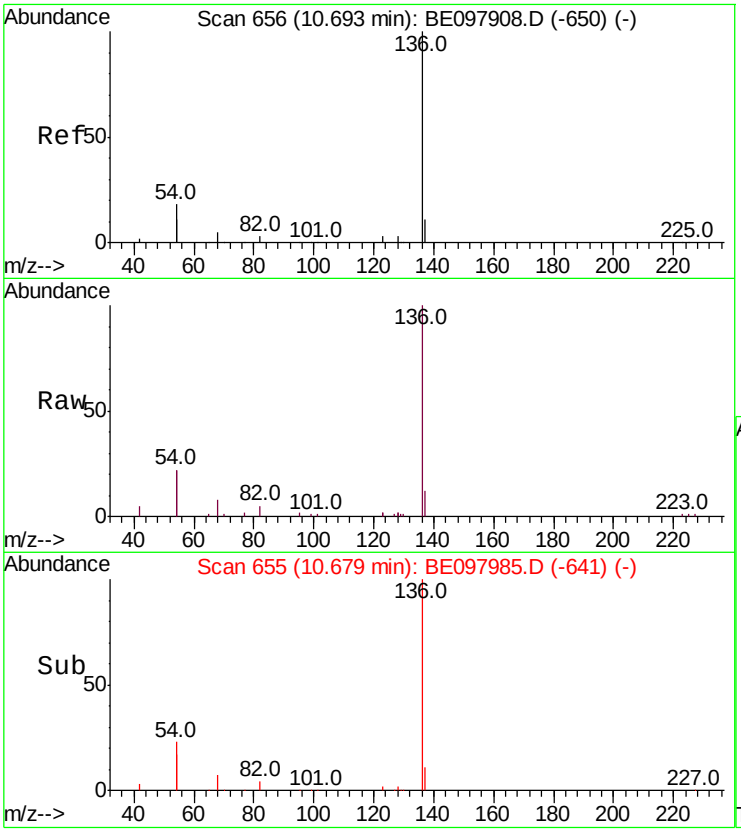


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion: 93 Resp: 3520

Ion	Ratio	Lower	Upper
93	100		
63	323.8	259.0	388.4
95	33.0	27.8	41.8



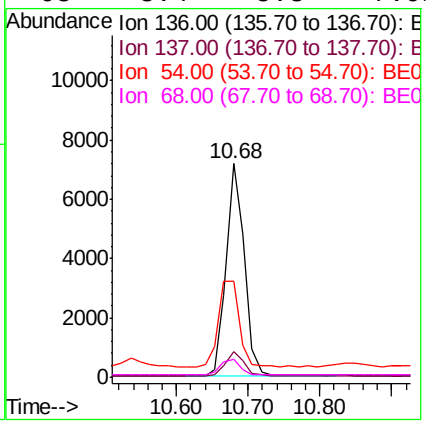


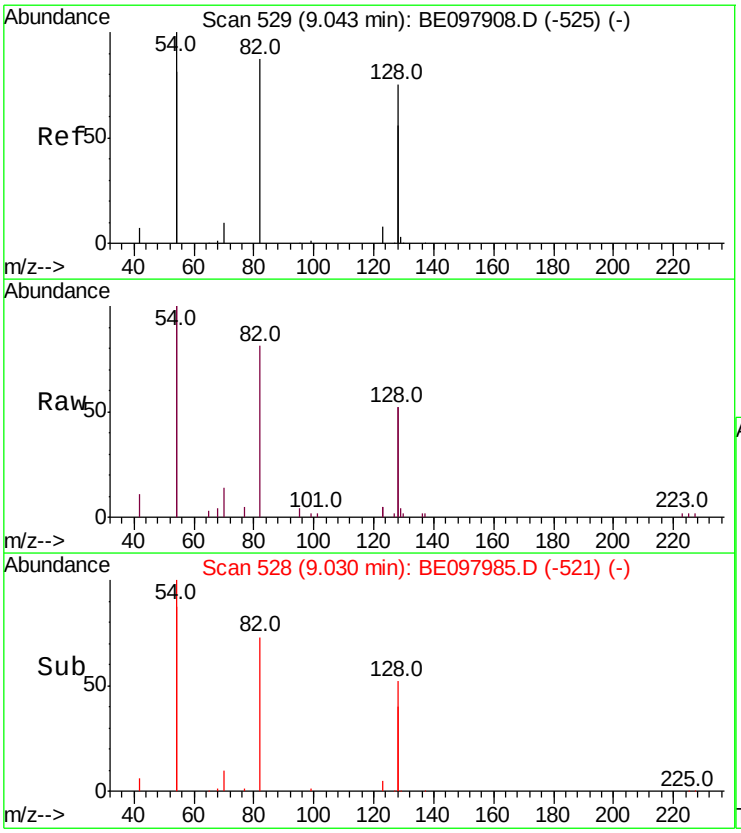
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12505

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	44.9	27.7	41.5#
68	8.4	5.3	7.9#

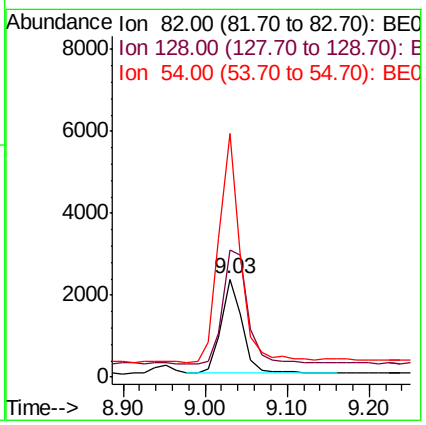


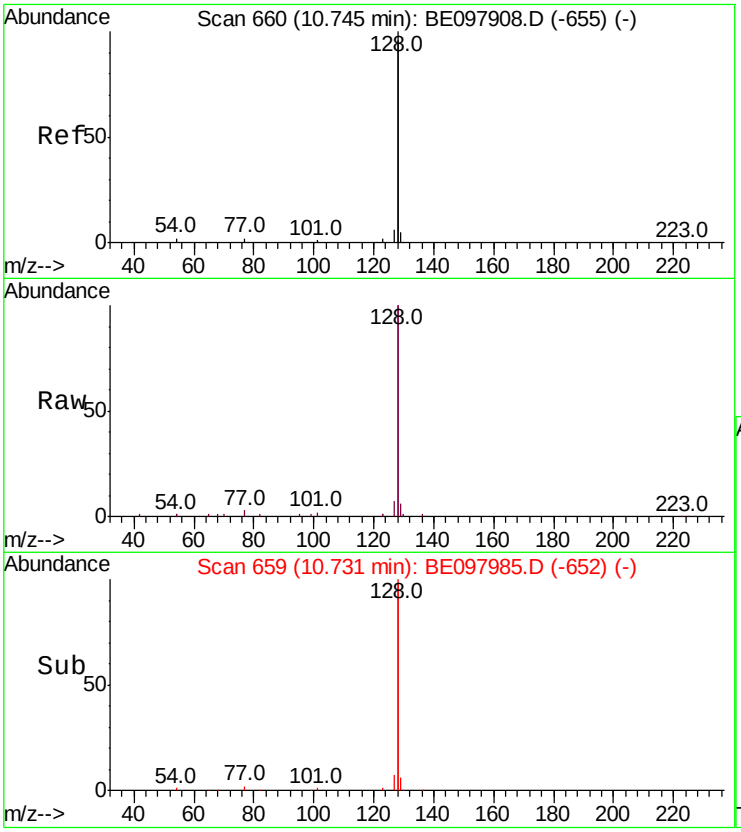


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion: 82 Resp: 4146

Ion	Ratio	Lower	Upper
82	100		
128	129.1	129.9	194.9#
54	248.4	174.0	261.0



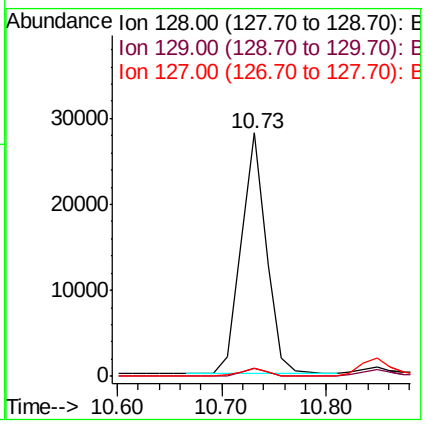


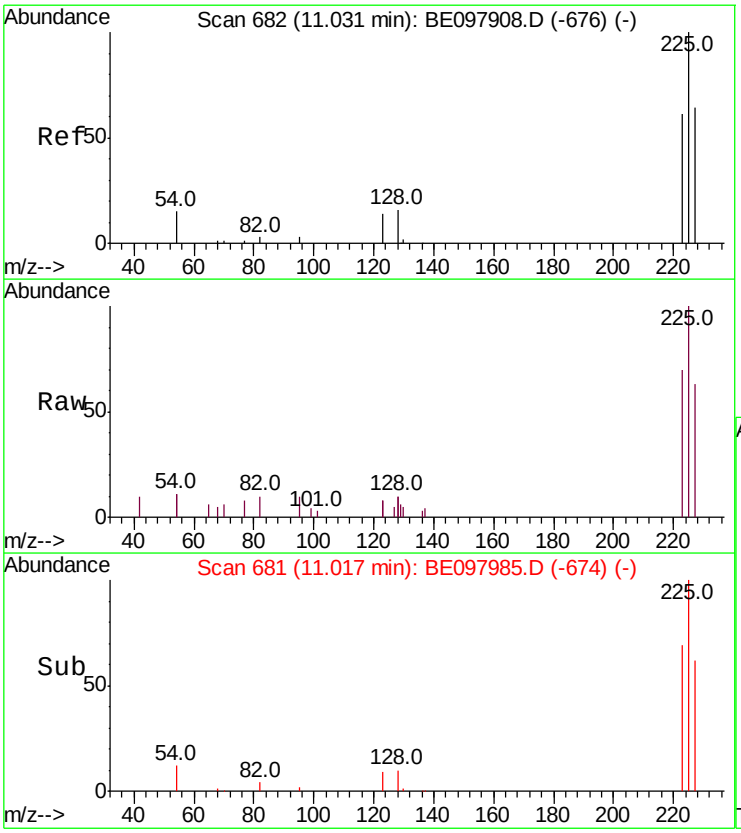
#9
Naphthalene
Concen: 0.381 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 47420

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

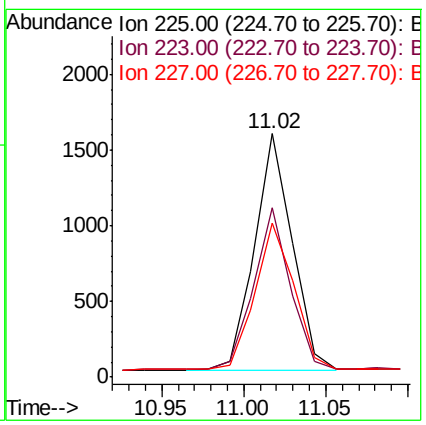


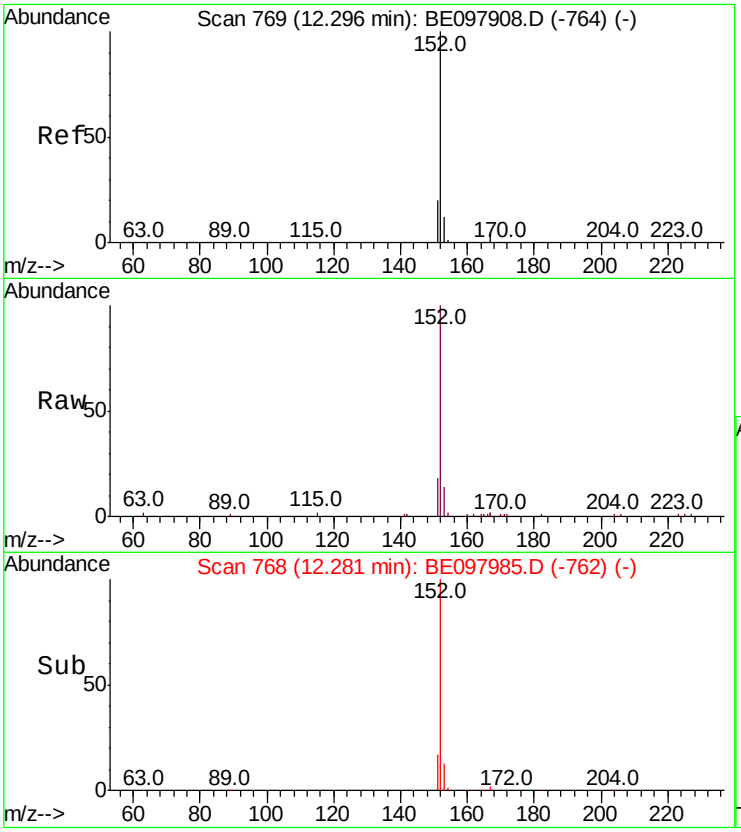


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:225 Resp: 2510

Ion	Ratio	Lower	Upper
225	100		
223	66.3	51.8	77.8
227	63.6	53.0	79.6



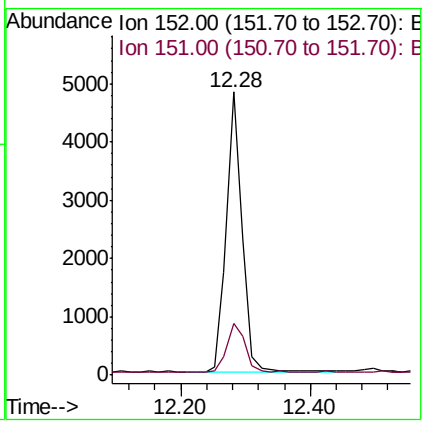


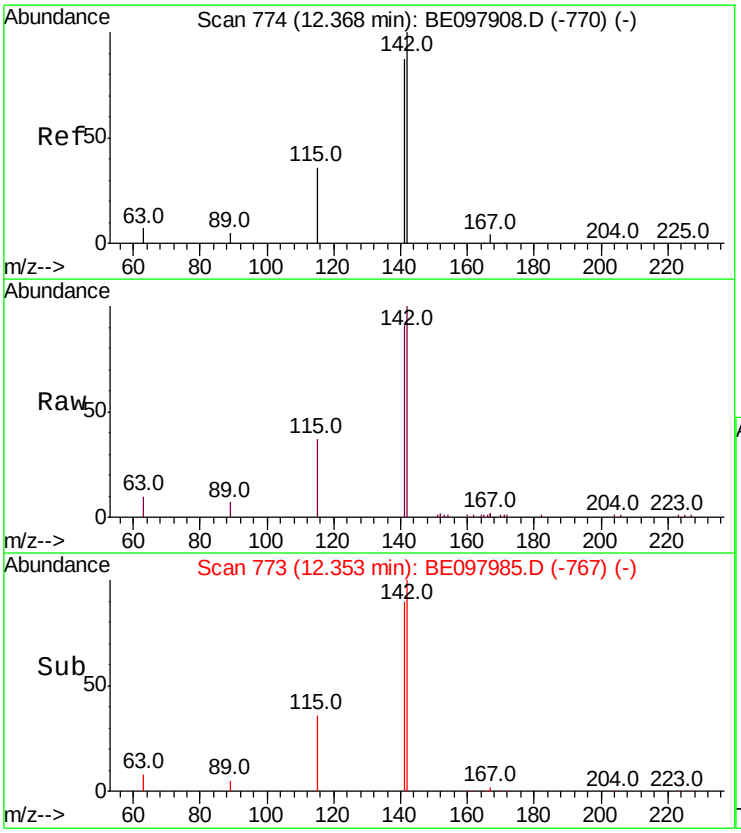
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8070

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

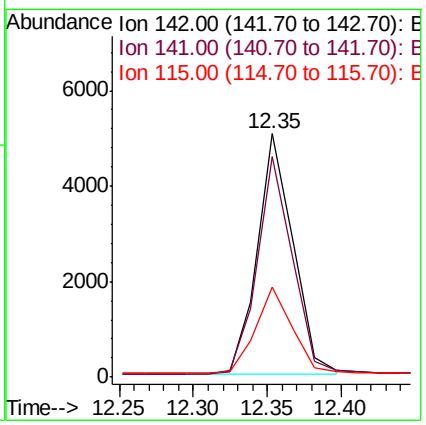


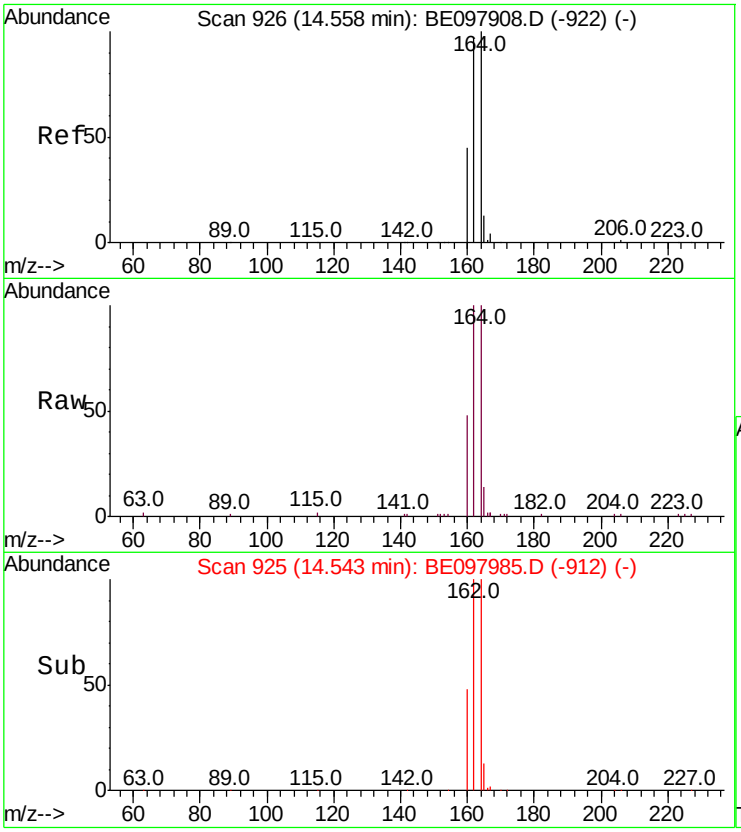


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:142 Resp: 8388

Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.8	104.6
115	36.7	30.5	45.7



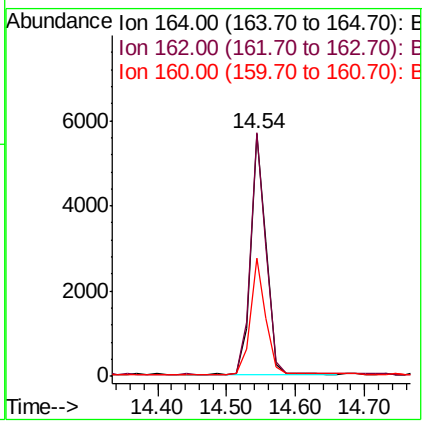


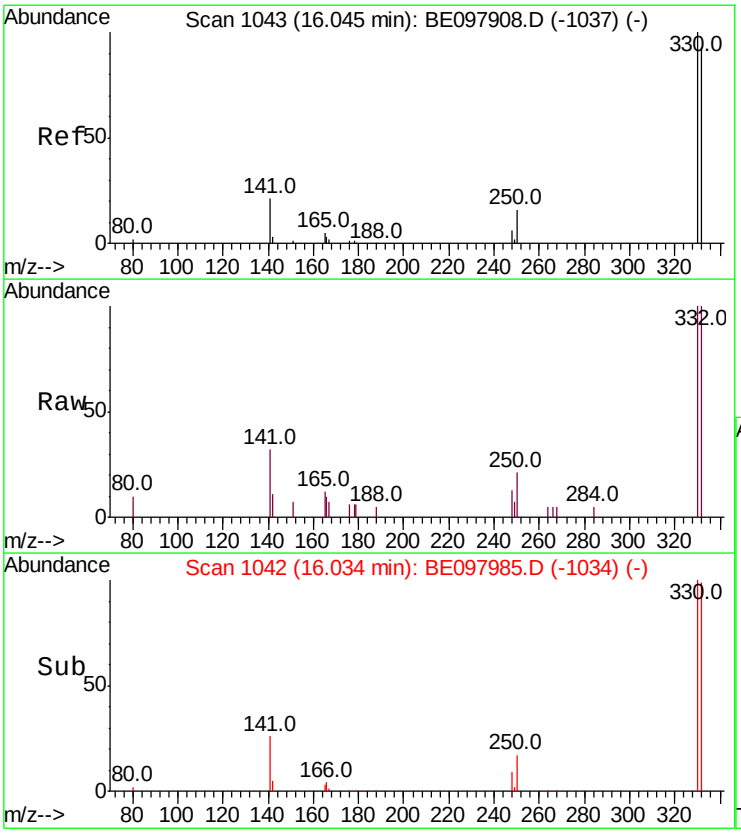
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8775

Ion	Ratio	Lower	Upper
164	100		
162	100.4	77.4	116.2
160	48.6	36.5	54.7

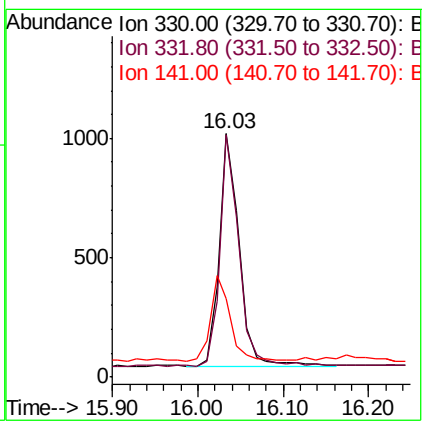


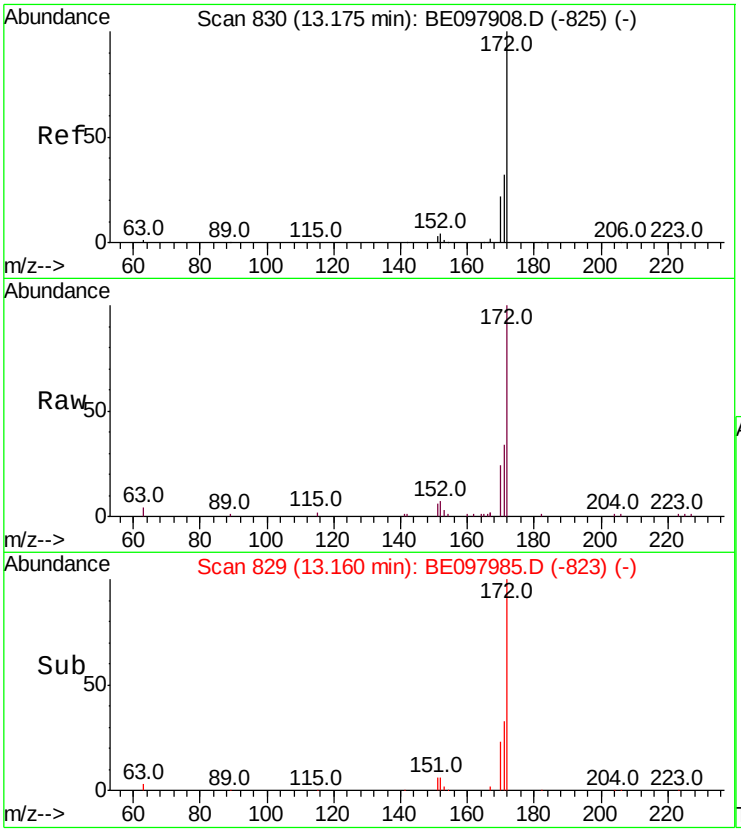


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:330 Resp: 1581

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.5	114.7
141	36.5	31.8	47.6



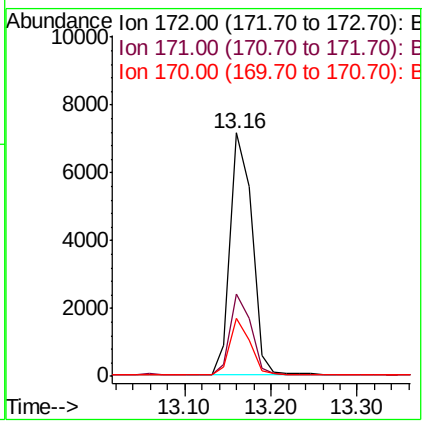


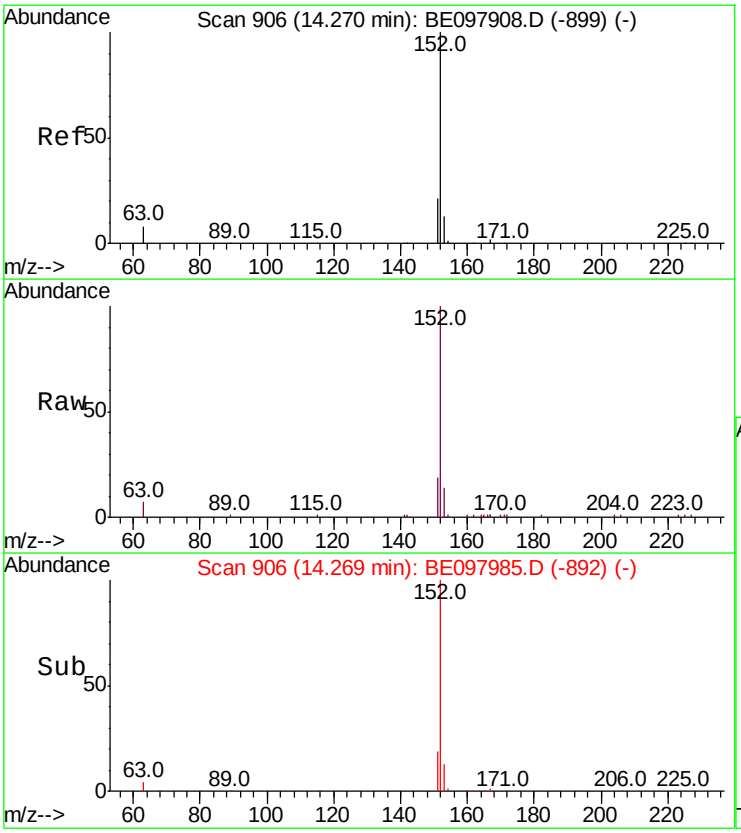
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 12390

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.0	39.0
170	23.9	18.0	27.0

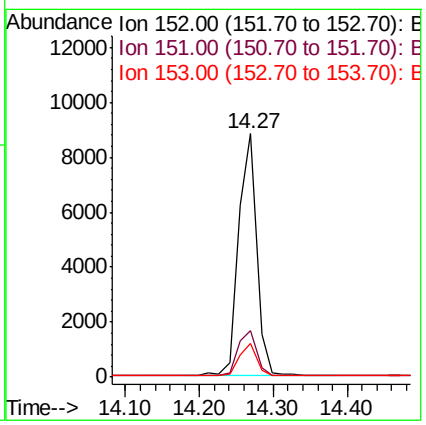


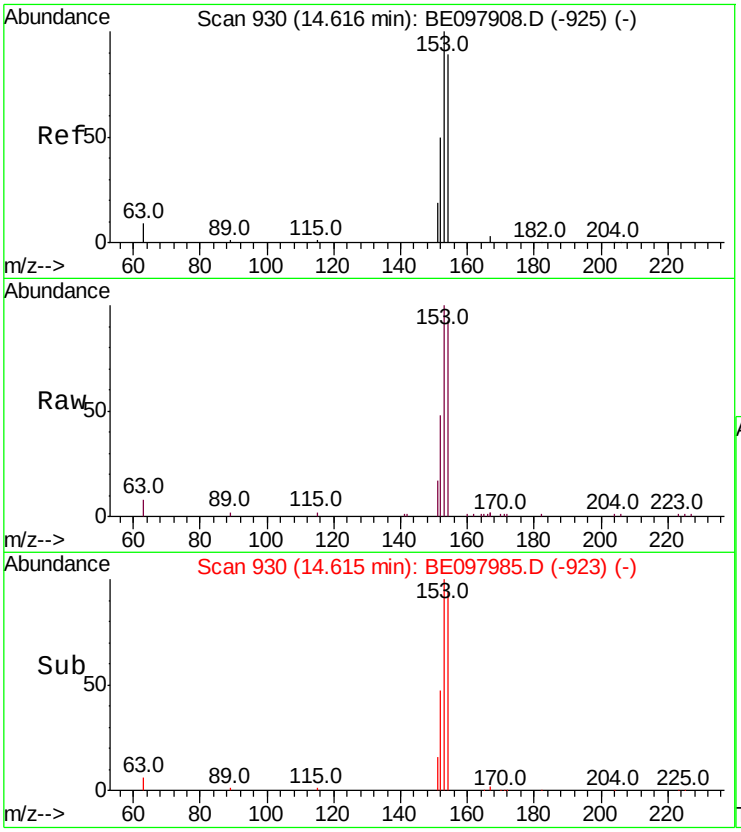


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:152 Resp: 14968

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.9	16.3



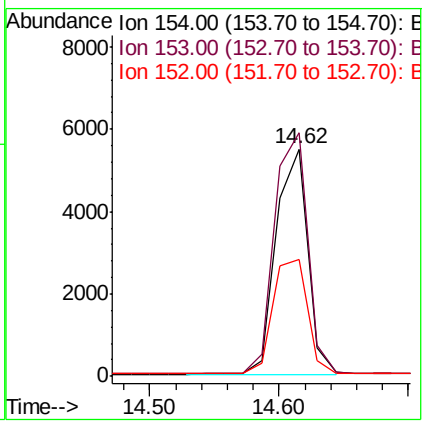


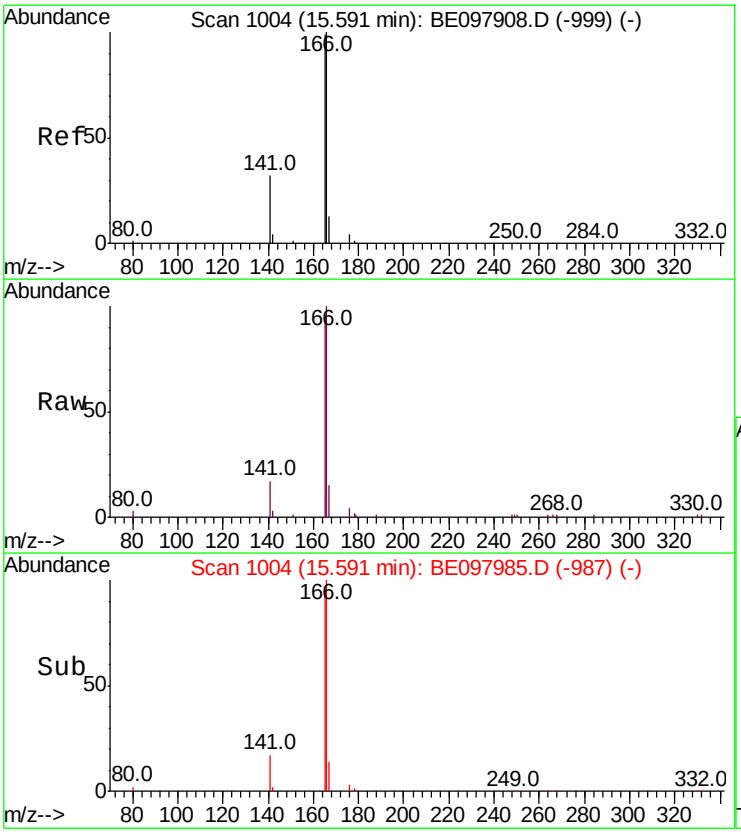
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9335

Ion	Ratio	Lower	Upper
154	100		
153	112.2	92.6	139.0
152	55.5	45.5	68.3

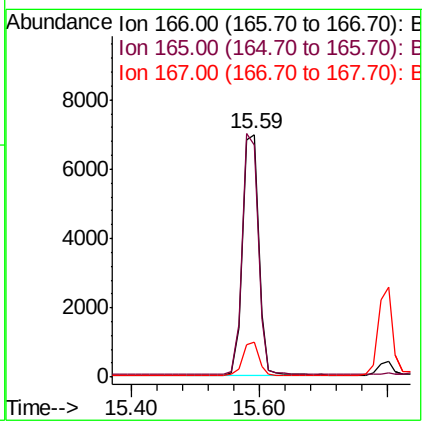


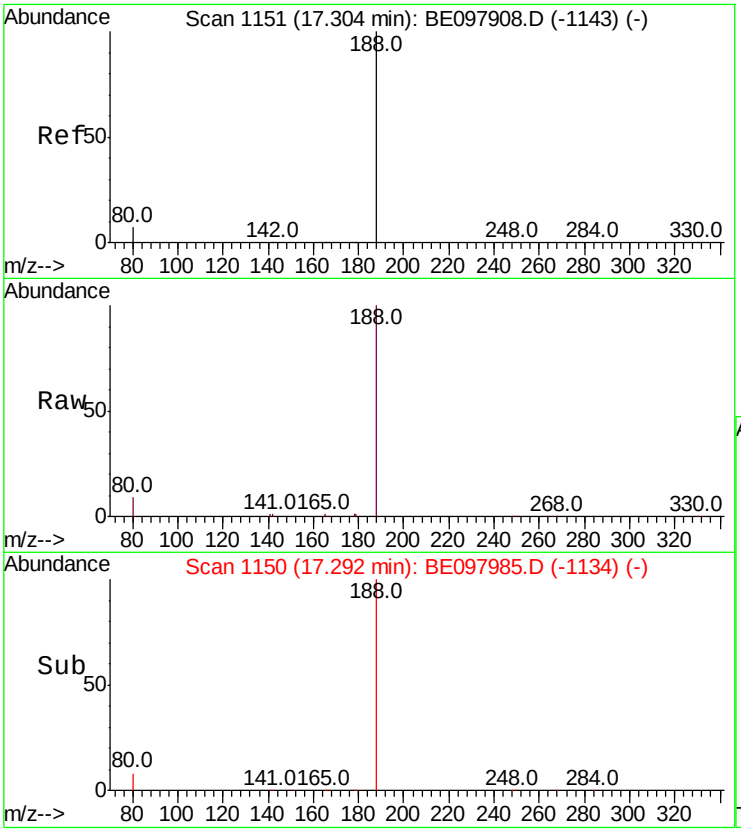


#18
Fluorene
Concen: 0.354 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:166 Resp: 12079

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.4
167	13.8	11.0	16.6



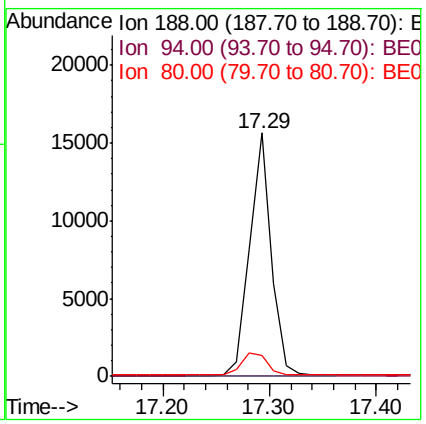


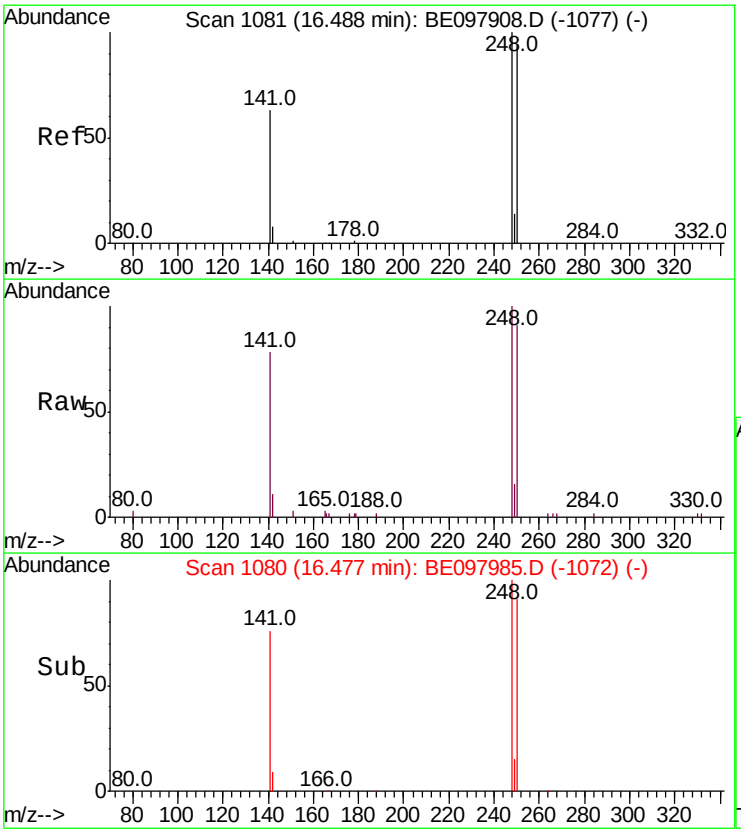
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 21966

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.3	9.5

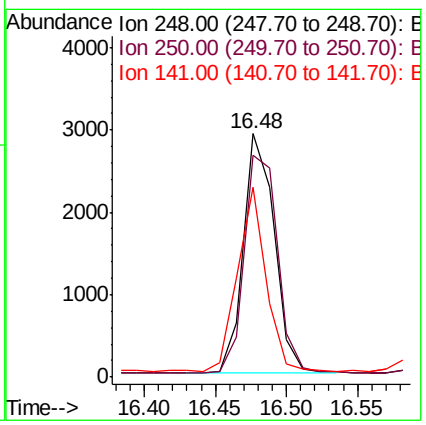


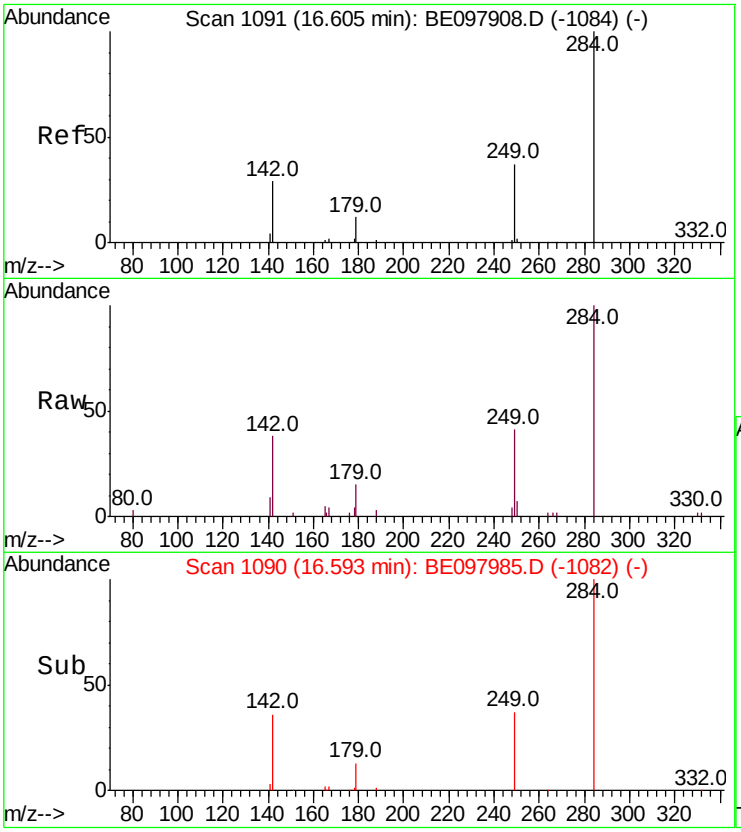


#20
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.48 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:248 Resp: 4395

Ion	Ratio	Lower	Upper
248	100		
250	91.1	75.1	112.7
141	77.7	51.8	77.8



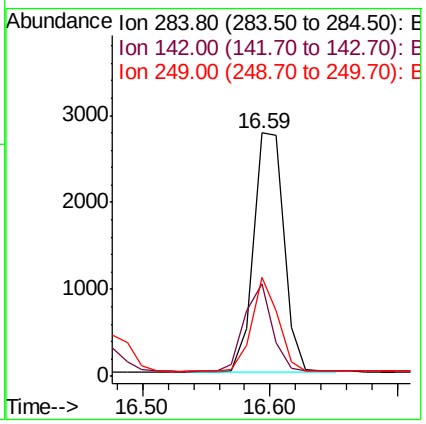


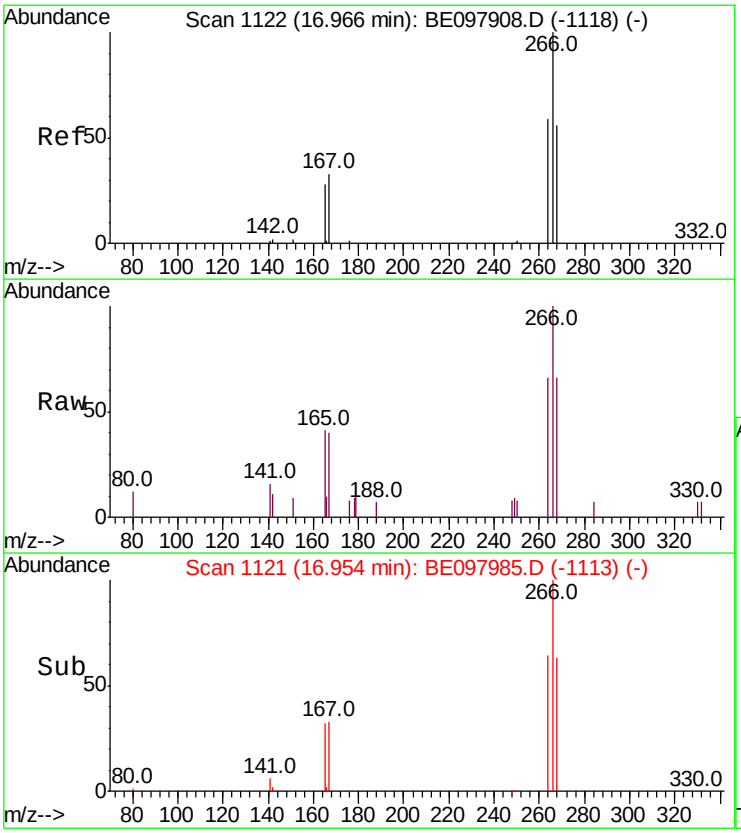
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4602

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.9	38.9
249	33.8	26.6	40.0

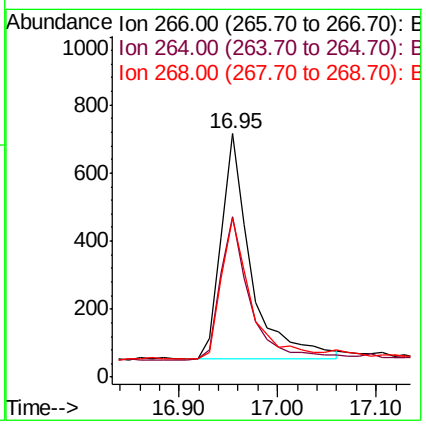


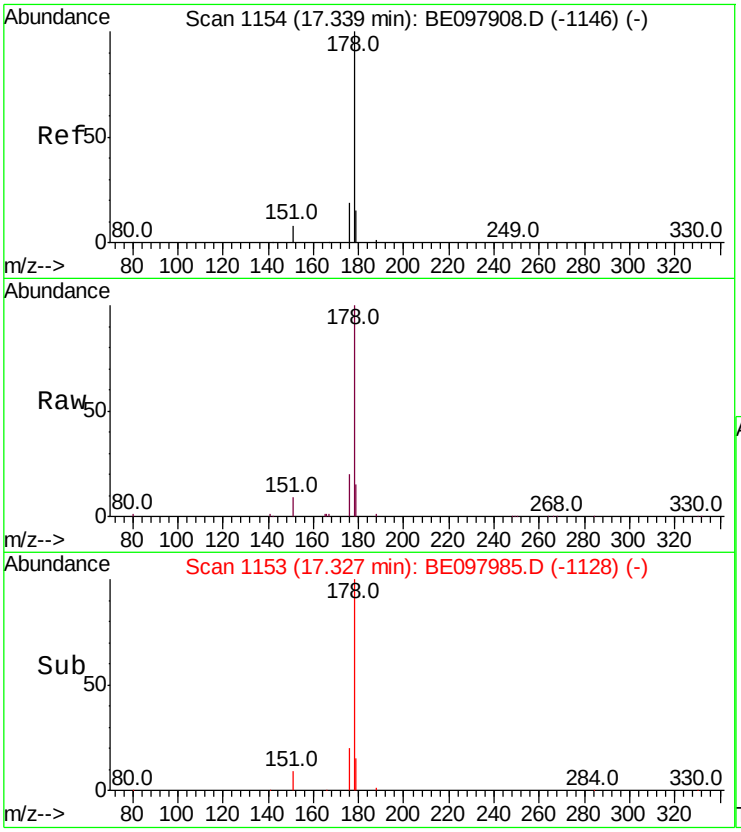


#22
Pentachlorophenol
Concen: 0.473 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:266 Resp: 1391

Ion	Ratio	Lower	Upper
266	100		
264	65.6	51.3	76.9
268	65.5	50.1	75.1



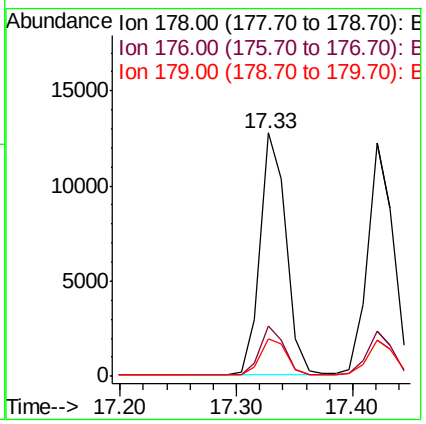


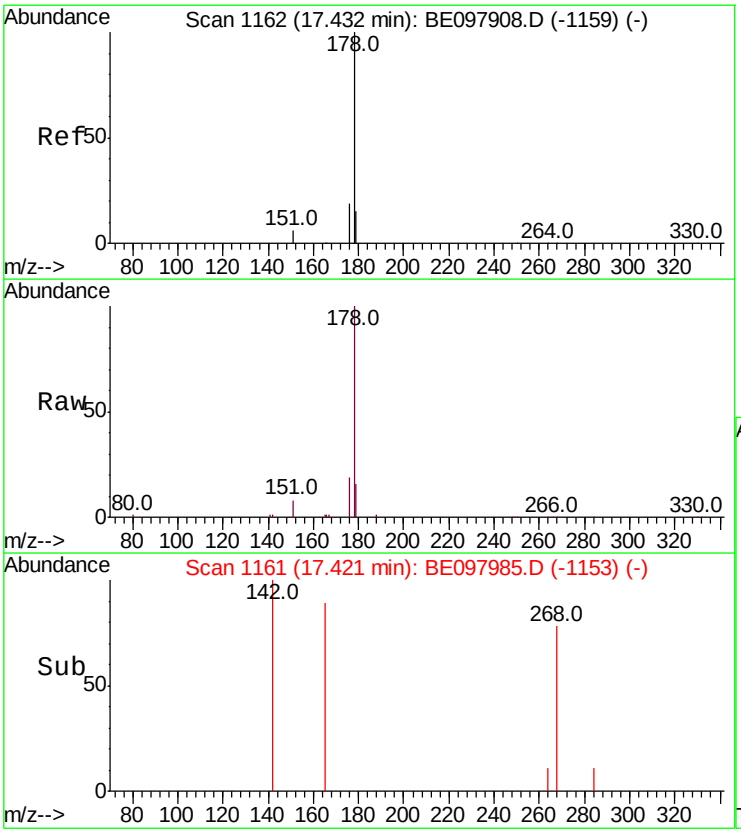
#23
Phenanthrene
Concen: 0.355 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19825

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.2	18.4

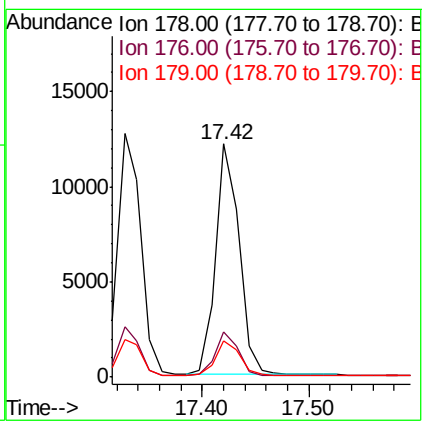


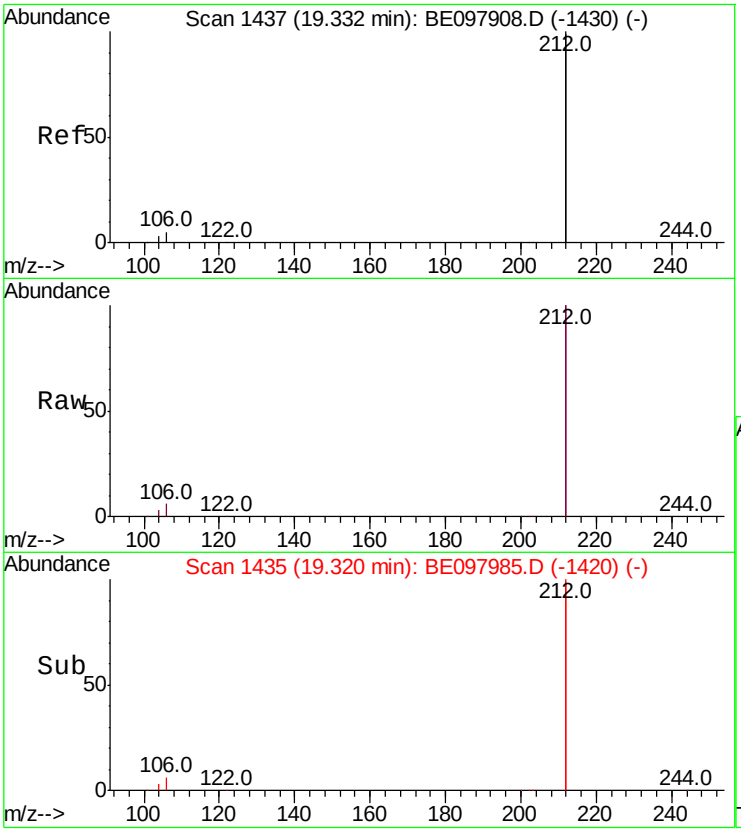


#24
Anthracene
Concen: 0.354 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:178 Resp: 18668

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	11.9	17.9



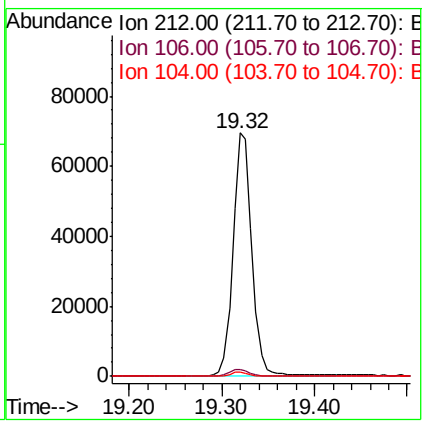


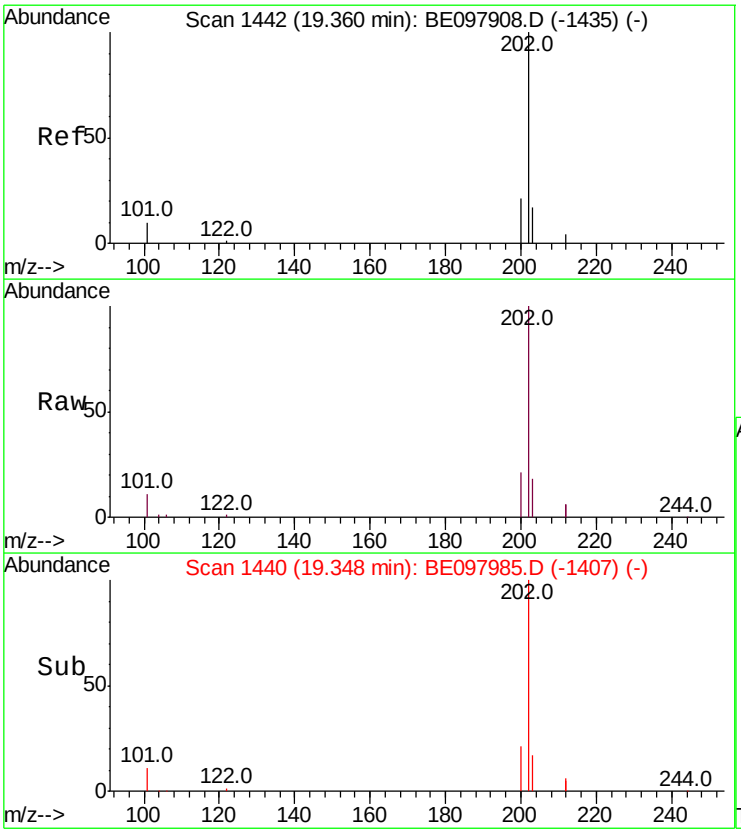
#25
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 97241

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

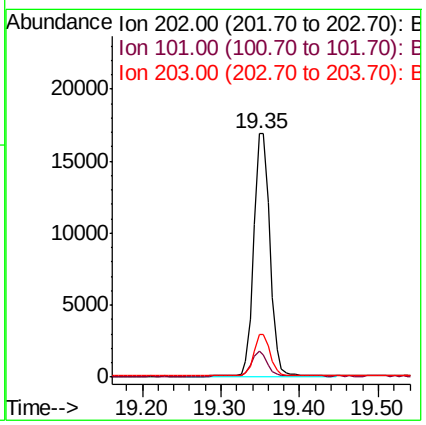


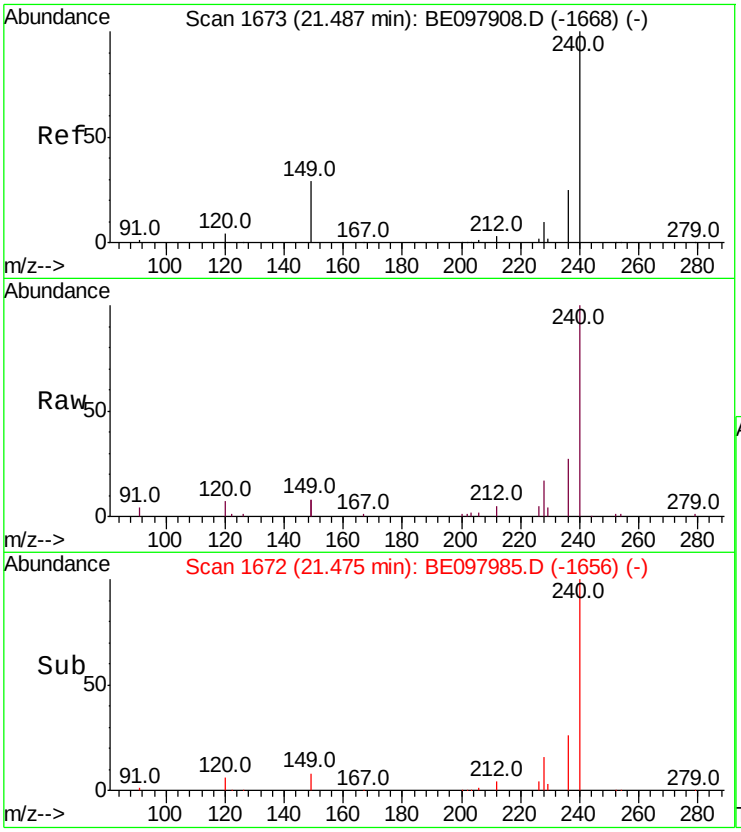


#26
Fluoranthene
Concen: 0.332 ng
RT: 19.35 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:202 Resp: 24310

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.1	15.0	22.4



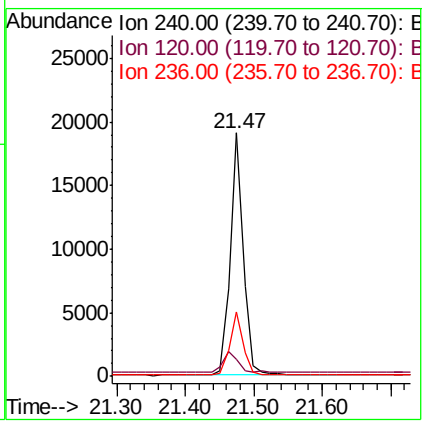


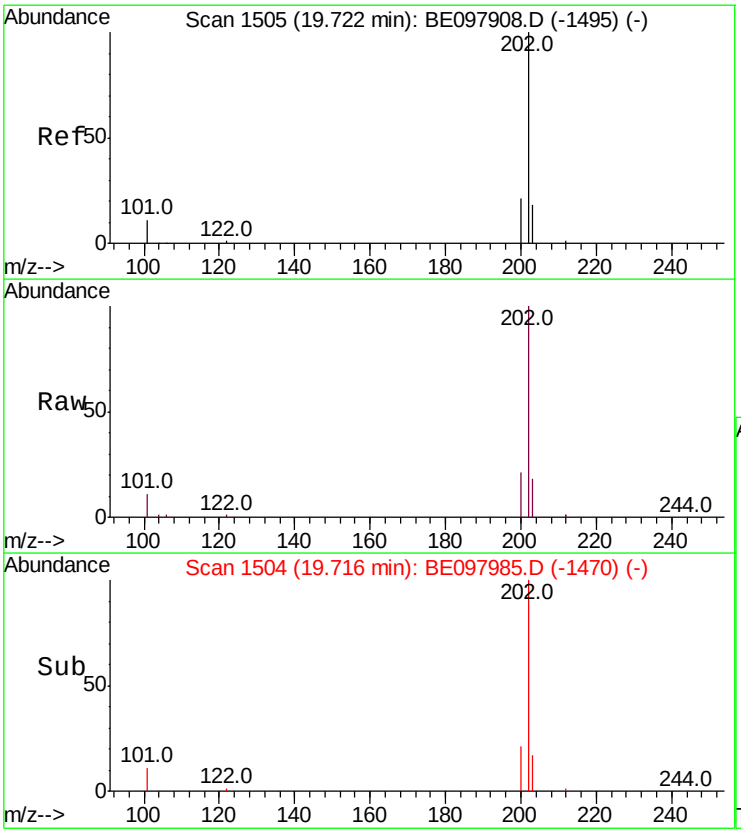
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 25250

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.1	10.7
236	26.7	21.3	31.9

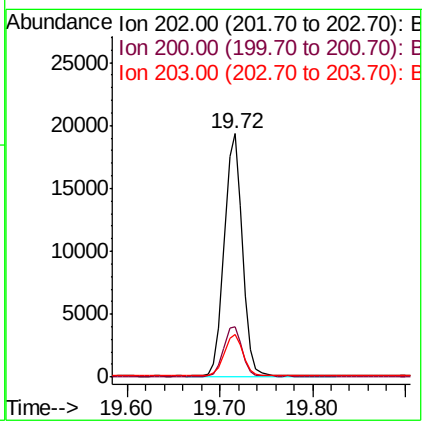


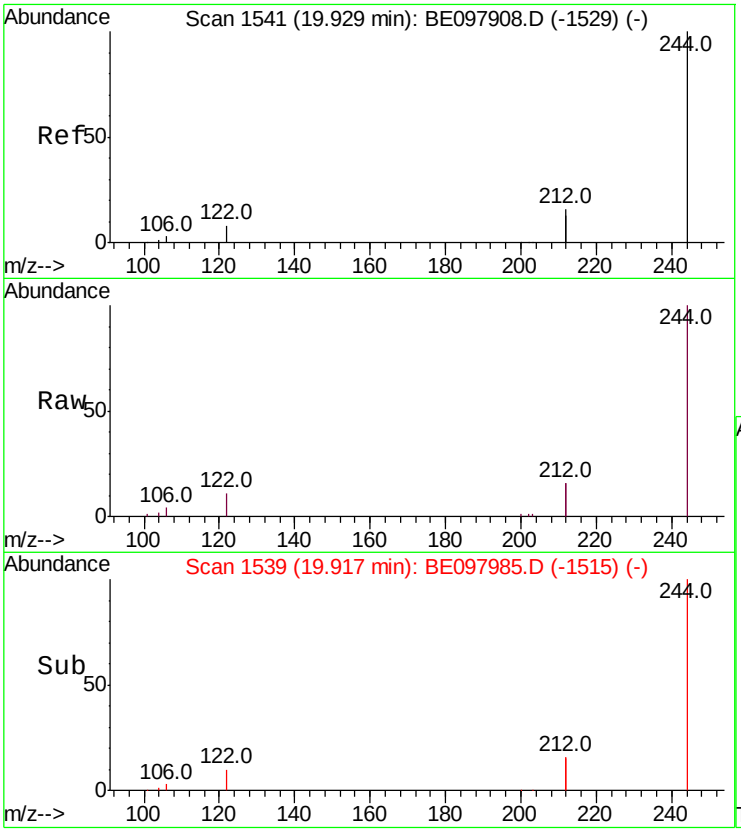


#28
Pyrene
Concen: 0.356 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:202 Resp: 25936

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	14.2	21.4



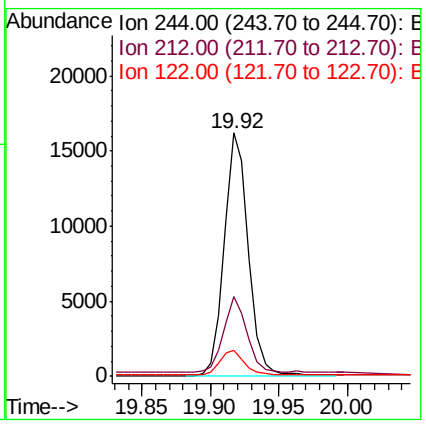


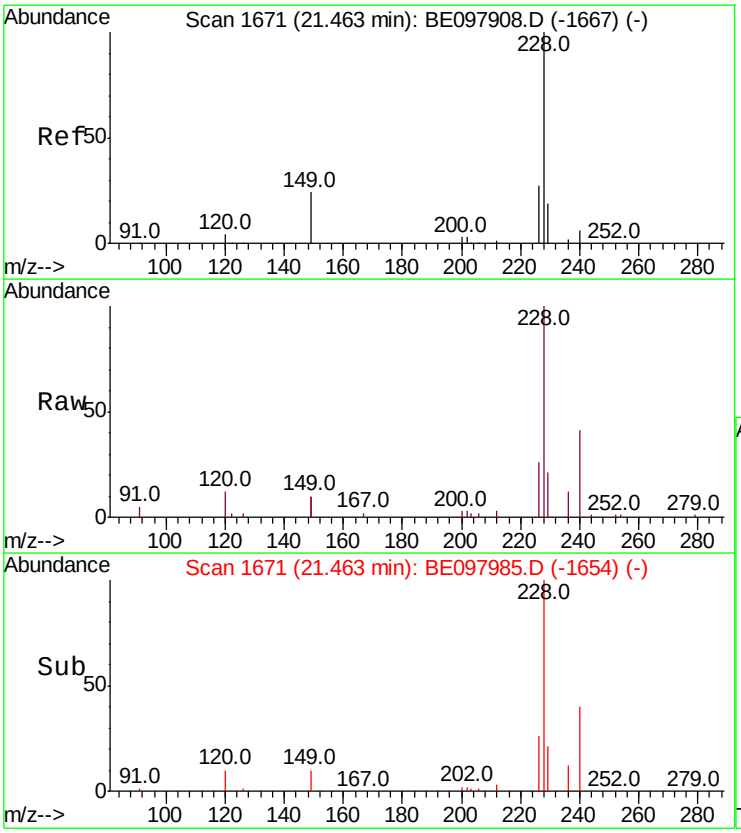
#29
Terphenyl-d14
Concen: 0.345 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 19985

Ion	Ratio	Lower	Upper
244	100		
212	32.6	26.2	39.2
122	10.9	7.7	11.5

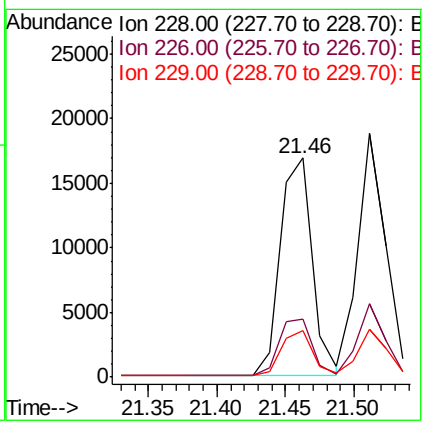


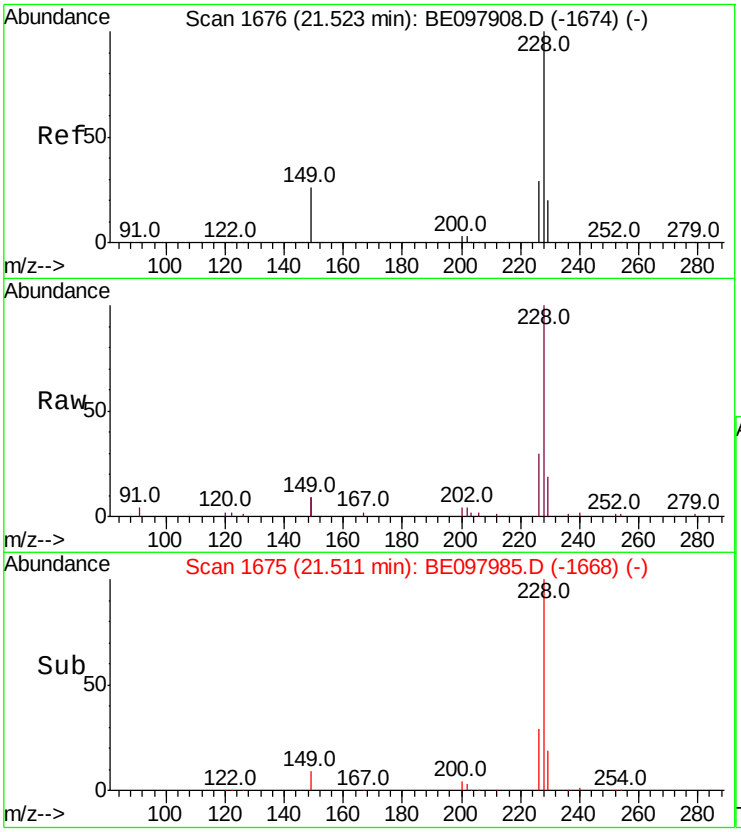


#30
Benzo(a)anthracene
Concen: 0.352 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:228 Resp: 27239

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	21.3	16.9	25.3



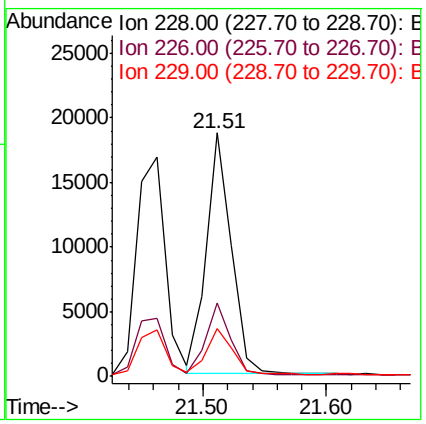


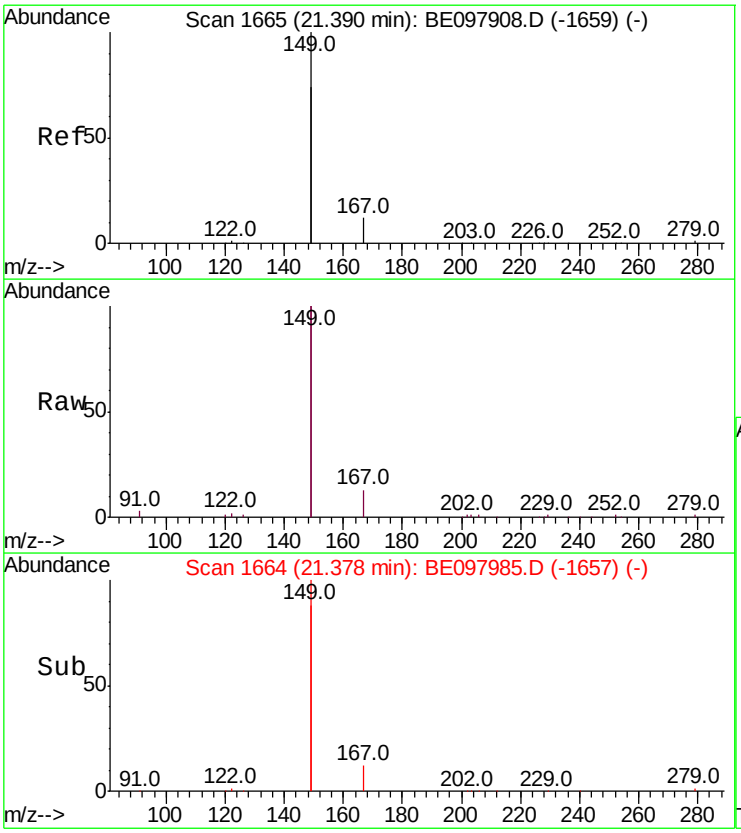
#31
Chrysene
Concen: 0.360 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26407

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.5	17.3	25.9

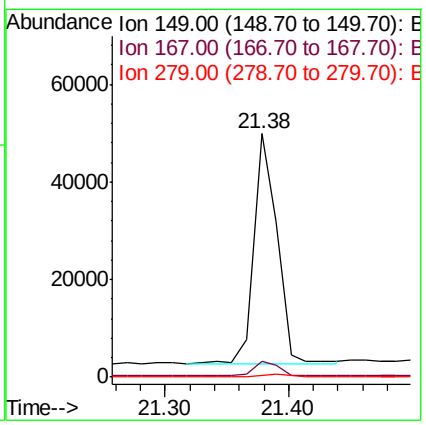


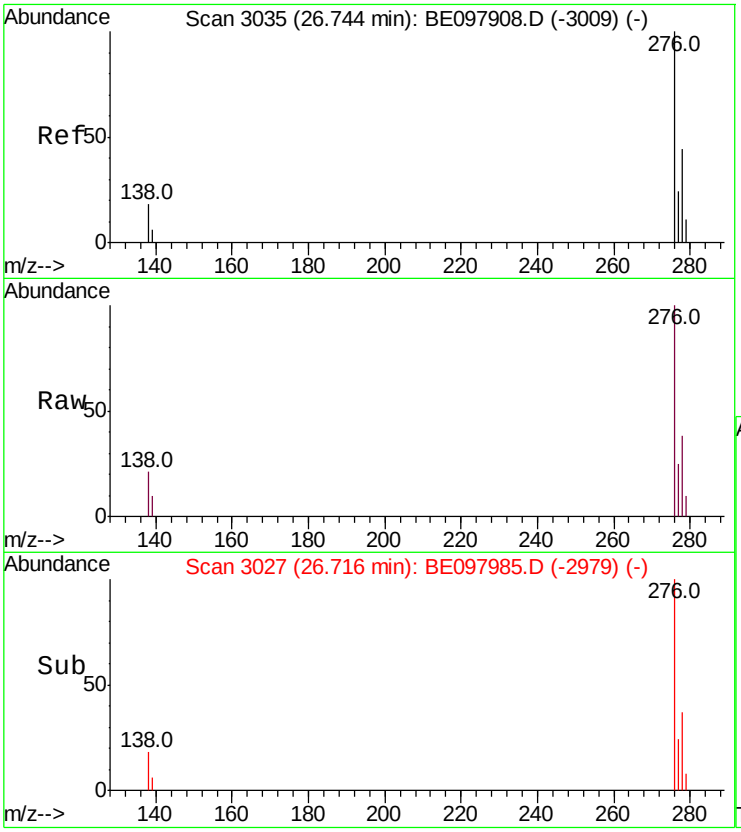


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.318 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:149 Resp: 61429

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.2	0.9	1.3



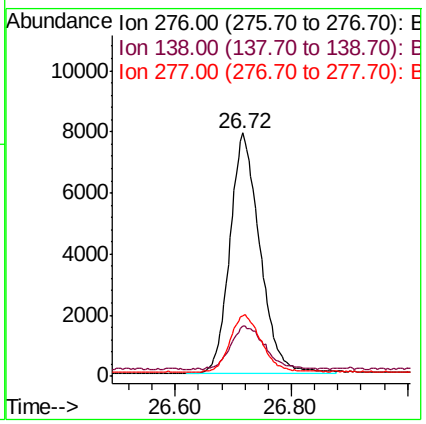


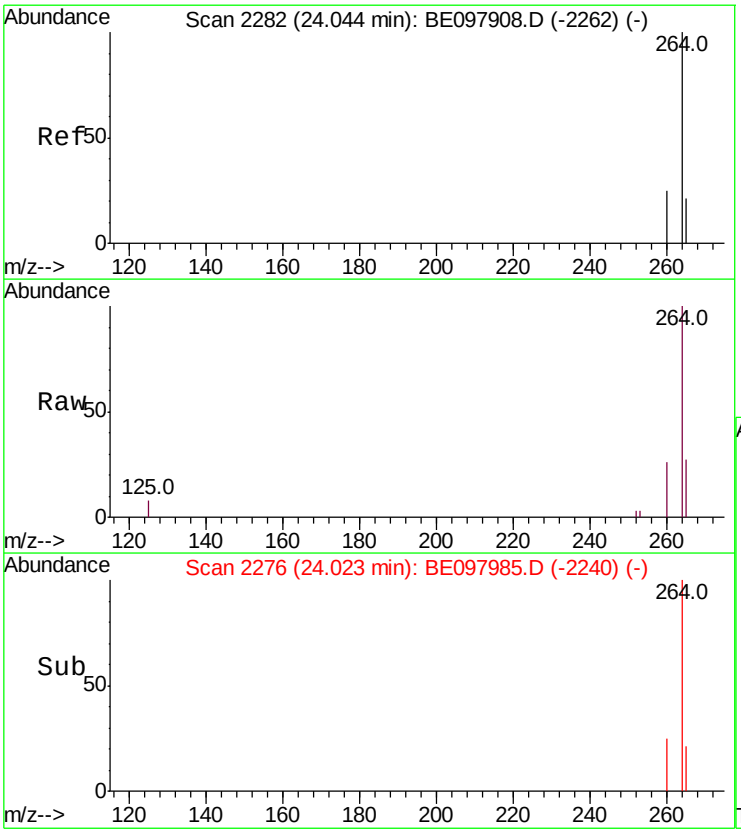
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.03 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28136

Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.0	25.6
277	25.0	20.5	30.7

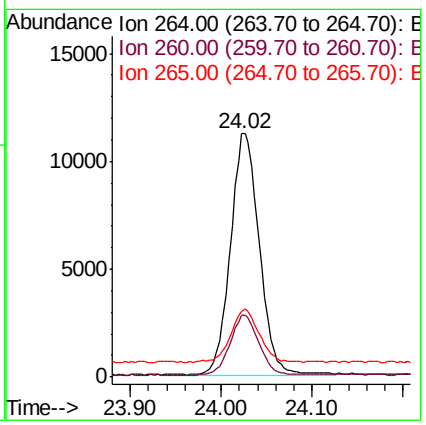


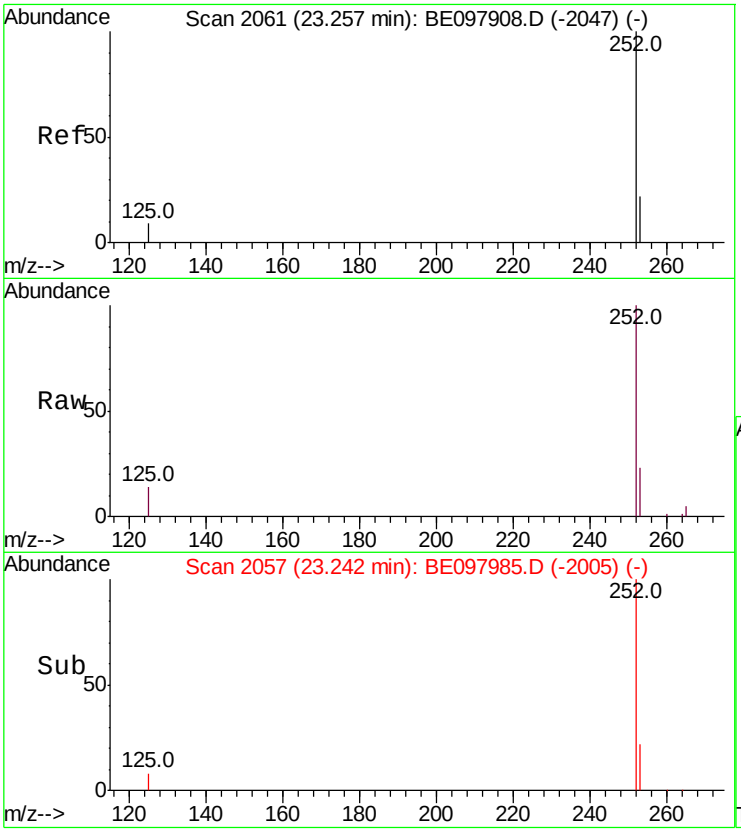


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:264 Resp: 24608

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.1	31.7
265	27.1	29.2	43.8#



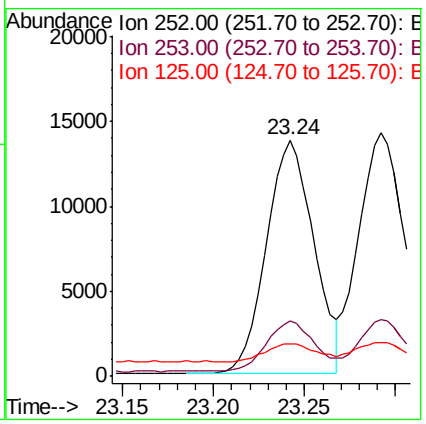


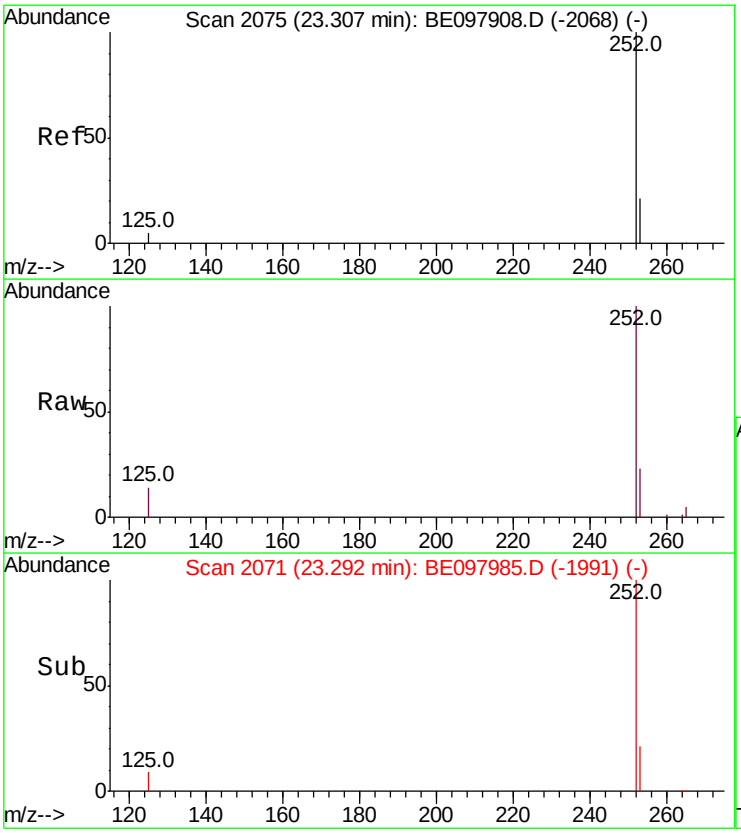
#35
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24809

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	31.0
125	13.8	14.3	21.5#

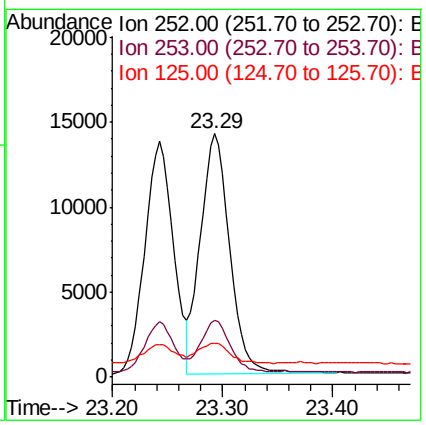


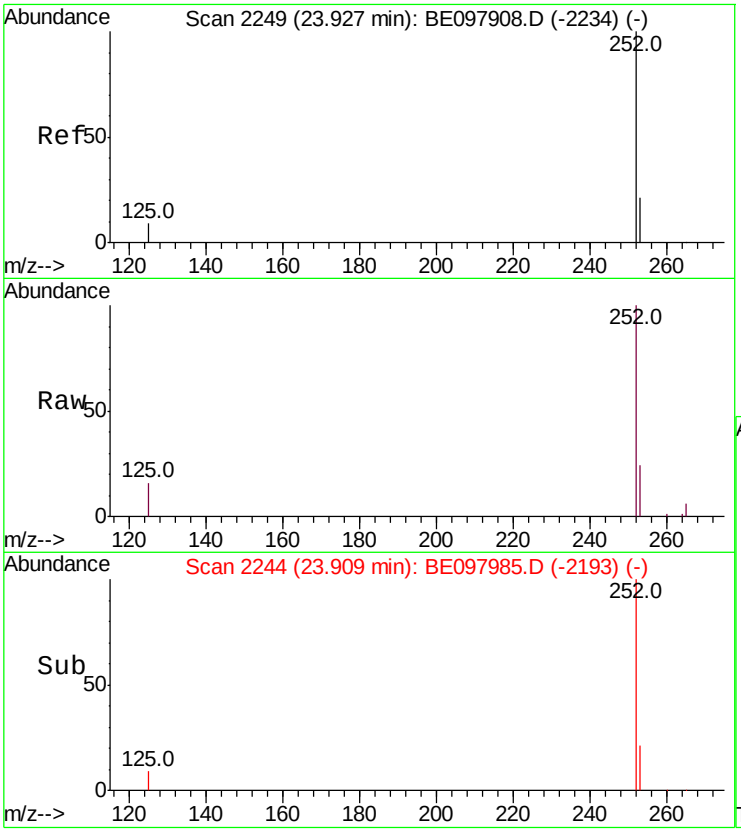


#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:252 Resp: 26064

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.4	30.6
125	13.7	14.6	21.8#



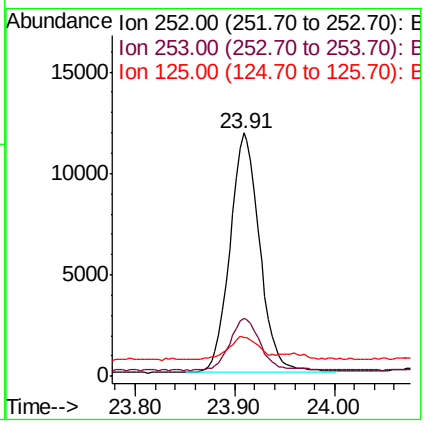


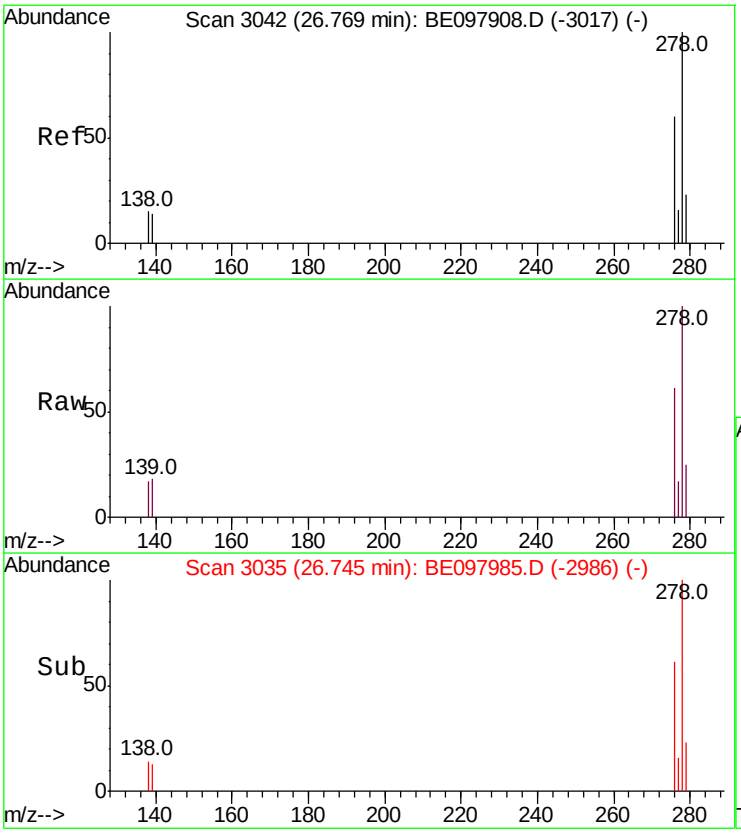
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24496

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	31.0
125	16.0	15.6	23.4

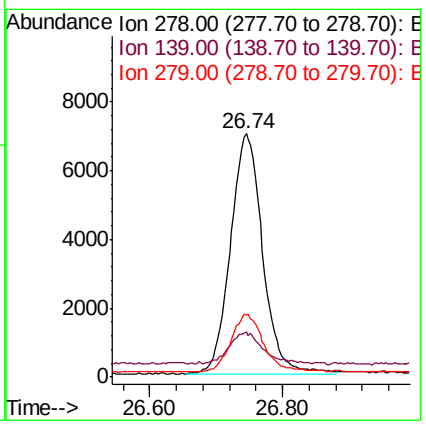


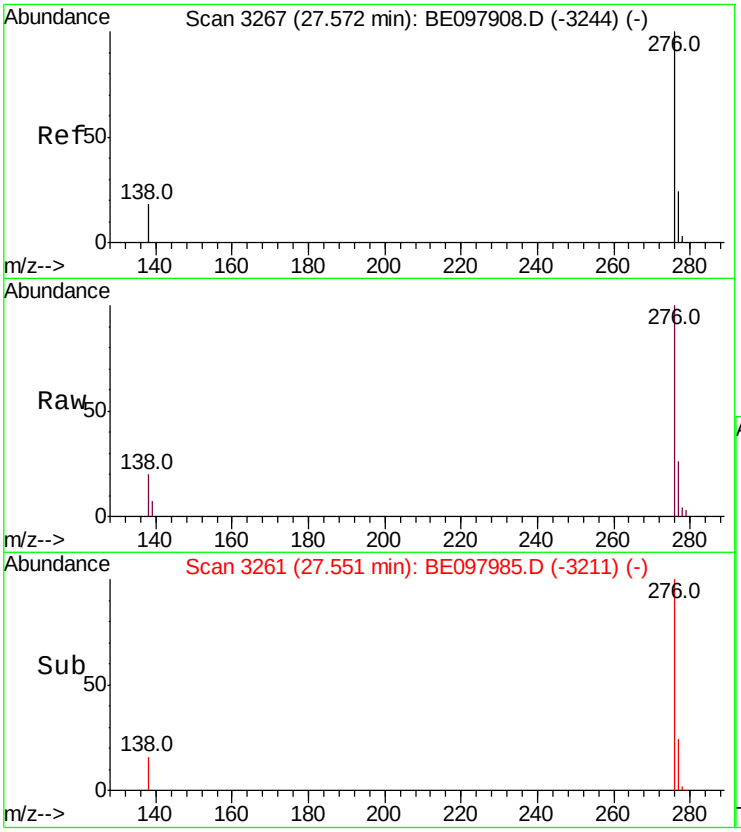


#38
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 26.74 min Scan# 3035
Delta R.T. -0.02 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:278 Resp: 23492

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.3	24.5
279	25.4	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 27.55 min Scan# 3261
Delta R.T. -0.02 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23381

Ion	Ratio	Lower	Upper
276	100		
277	26.3	22.1	33.1
138	20.4	19.3	28.9