Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

Quantitation Report (Not Reviewed)

Data File : BE097667.D
Acq On : 25 Sep 2018 20:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 26 07:36:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	800	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3915	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2753	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	8600	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8912	0.40	ng		0.00
34) Perylene-d12	23.21	264	8890	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	816	0.39	ng		0.00
5) Phenol-d6	6.61	99	996	0.33	ng		-0.01
8) Nitrobenzene-d5	8.54	82	1005	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2327	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	445	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	3475	0.39	ng		0.00
25) Fluoranthene-d10	18.80	212	35182	0.38	ng		0.00
29) Terphenyl-d14	19.42	244	6867	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	563	0.410	ng	#	82
3) n-Nitrosodimethylamine	3.38	42	360	0.402	ng	#	86
6) bis(2-Chloroethyl)ether	6.83	93	1048	0.423	ng	#	69
9) Naphthalene	10.17	128	14321	0.402	ng		99
10) Hexachlorobutadiene	10.46	225	619	0.382	ng		99
12) 2-Methylnaphthalene	11.80	142	2328	0.413	ng		99
16) Acenaphthylene	13.71	152	4269	0.386	ng		100
17) Acenaphthene	14.06	154	2875	0.398	ng		95
18) Fluorene	15.06	166	3983	0.392	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1504	0.395	ng	#	85
21) Hexachlorobenzene	16.07	284	1720	0.391	ng	#	83
22) Pentachlorophenol	16.45	266	388	0.453	ng	#	80
23) Phenanthrene	16.80	178	7930	0.390	ng		99
24) Anthracene	16.89	178	6531	0.386	ng		95
26) Fluoranthene	18.83	202	9232	0.378	ng		99
28) Pyrene	19.20	202	9396	0.404	ng		100
30) Benzo(a)anthracene	20.96	228	8026	0.381	ng		97
31) Chrysene	21.00	228	9936	0.403	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	10640	0.442	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	11352	0.437	ng	#	94
35) Benzo(b)fluoranthene	22.53	252	8270	0.364	ng	#	90
36) Benzo(k)fluoranthene	22.58	252	10913	0.406	ng		95
37) Benzo(a)pyrene	23.11	252	8690	0.387	ng	#	95
38) Dibenzo(a,h)anthracene	25.52	278	9253	0.392	ng	#	96
39) Benzo(g,h,i)perylene	26.21	276	8975	0.382	ng	#	90

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

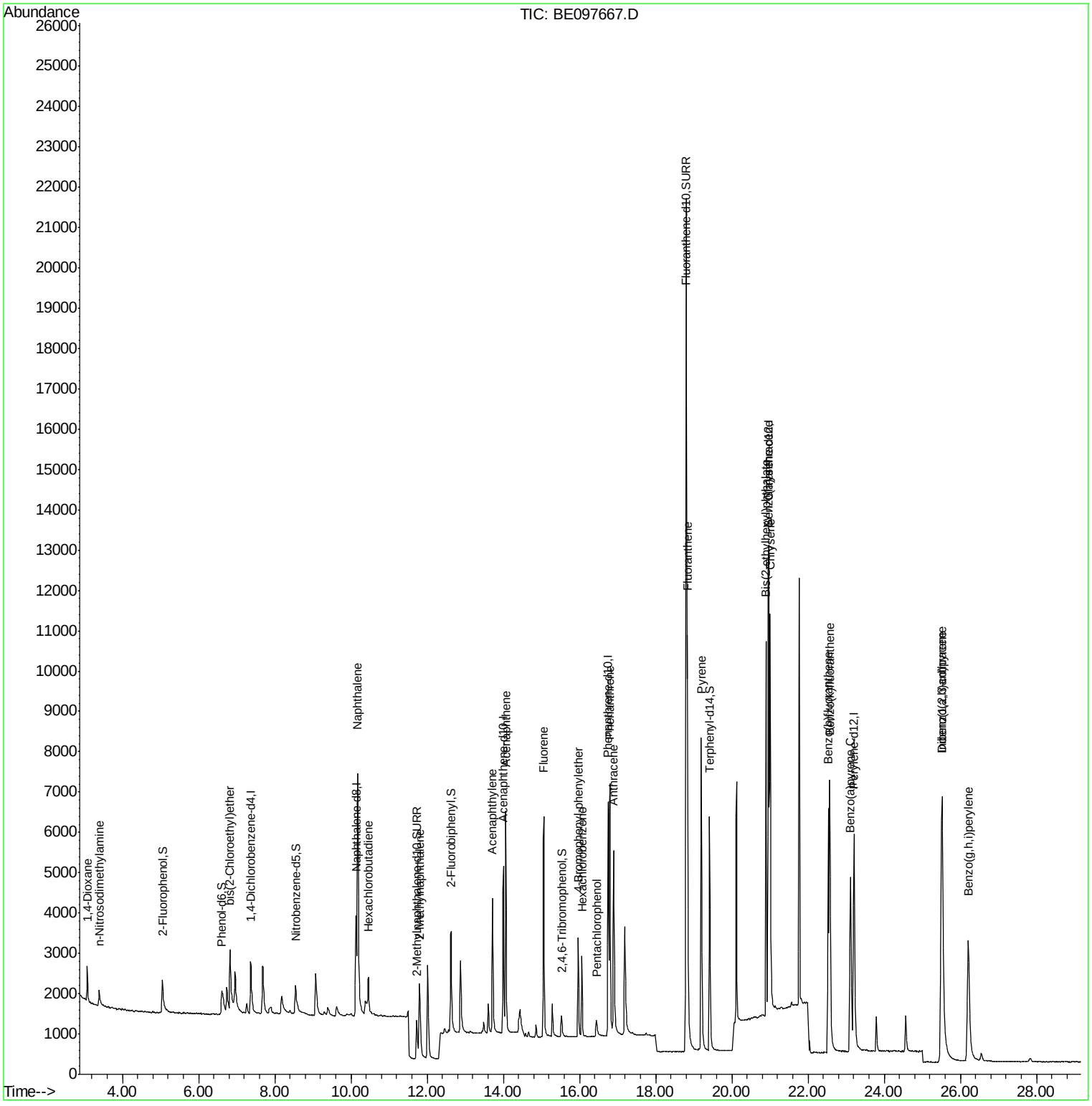
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

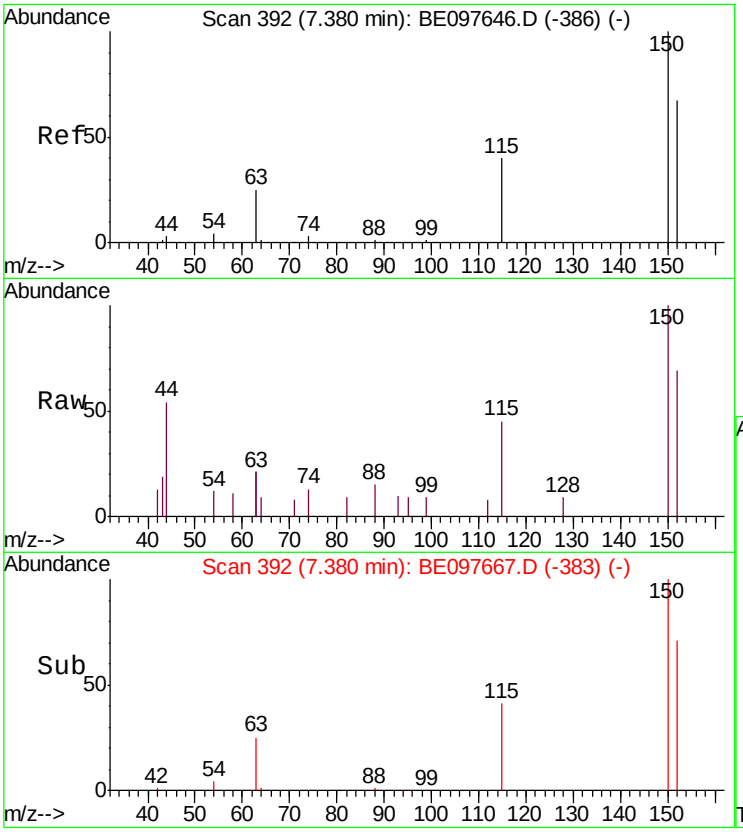
Quantitation Report (Not Reviewed)

Data File : BE097667.D
Acq On : 25 Sep 2018 20:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 26 07:36:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration



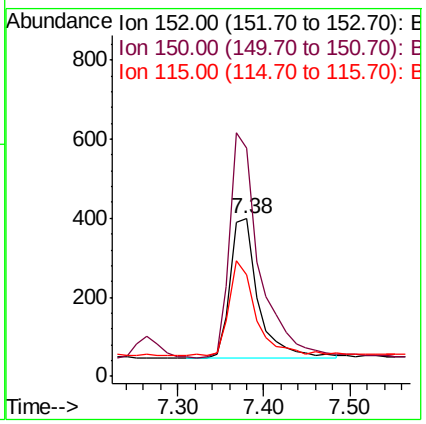


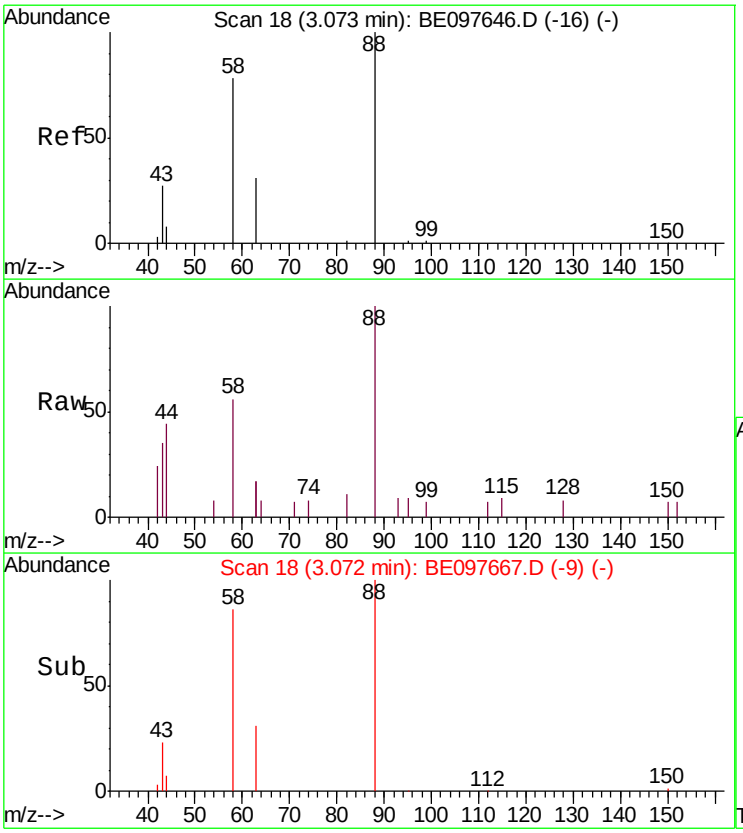
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 800

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	64.8	57.0	85.6

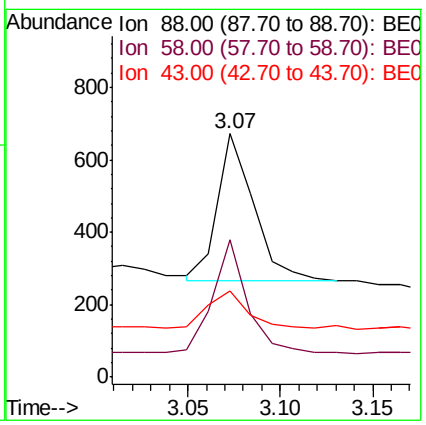


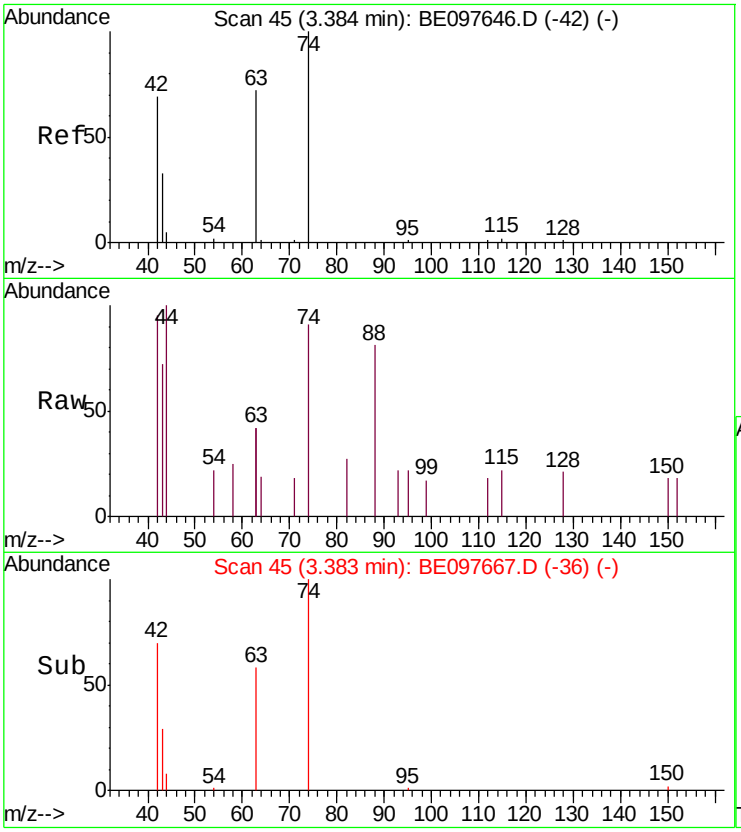


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion: 88 Resp: 563

Ion	Ratio	Lower	Upper
88	100		
58	72.6	63.2	94.8
43	26.6	41.2	61.8#



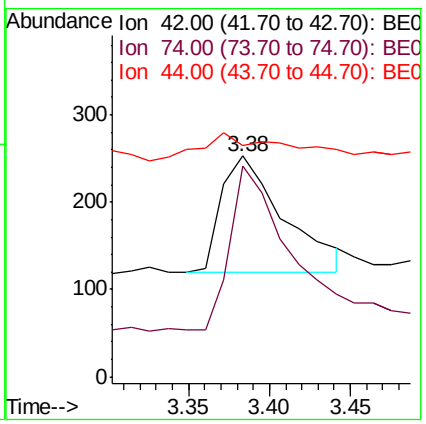


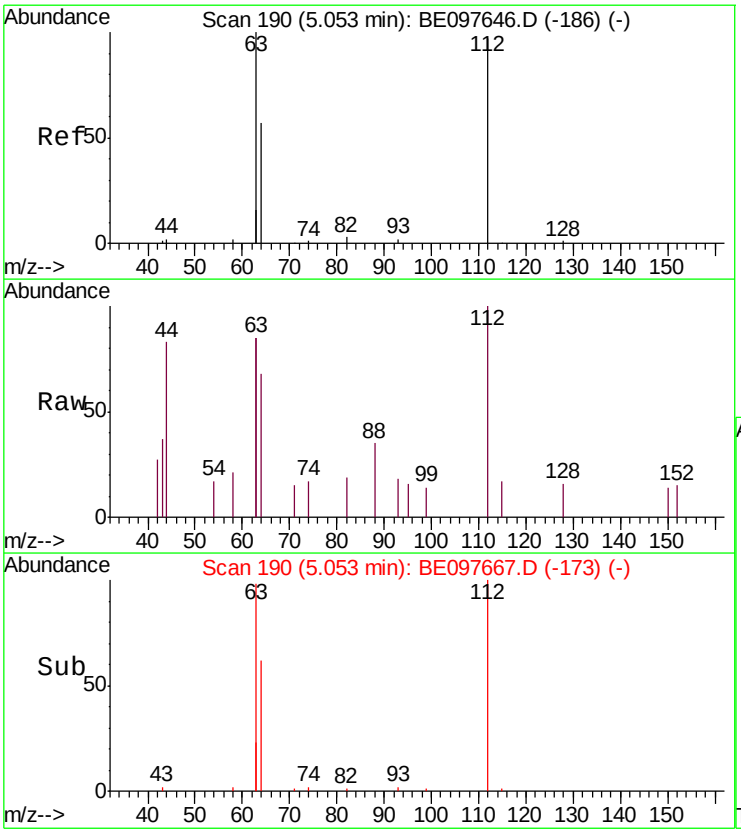
#3
n-Nitrosodimethylamine
Concen: 0.402 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 360

Ion	Ratio	Lower	Upper
42	100		
74	131.4	96.0	144.0
44	32.5	12.0	18.0#

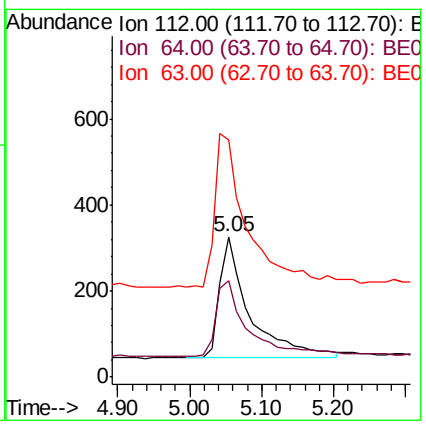


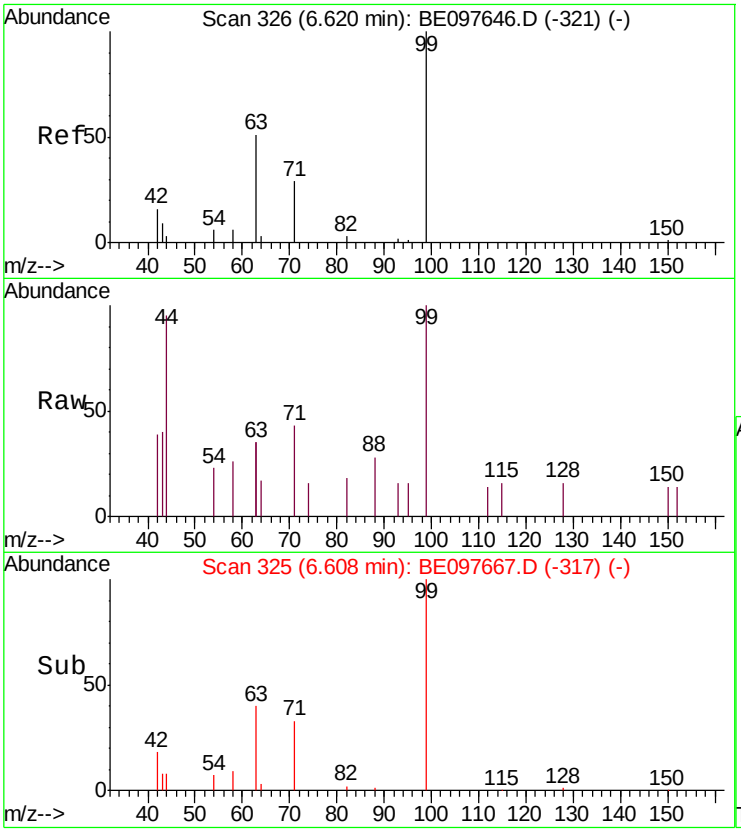


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:112 Resp: 816

Ion	Ratio	Lower	Upper
112	100		
64	66.9	60.1	90.1
63	135.5	116.8	175.2



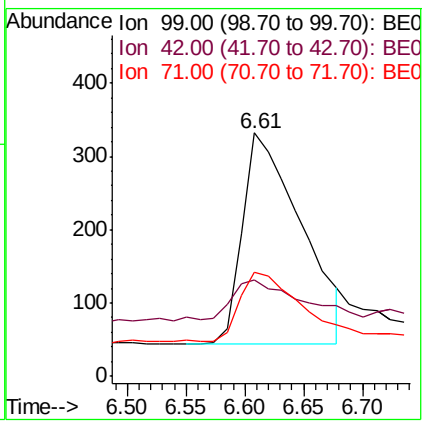


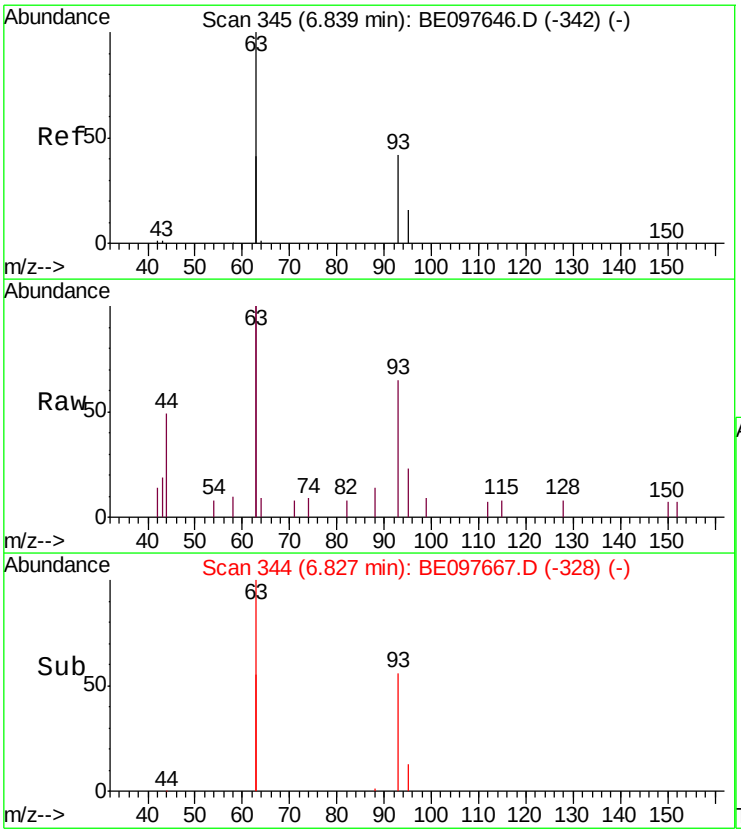
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.01 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 996

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.2	30.2
71	33.0	28.4	42.6

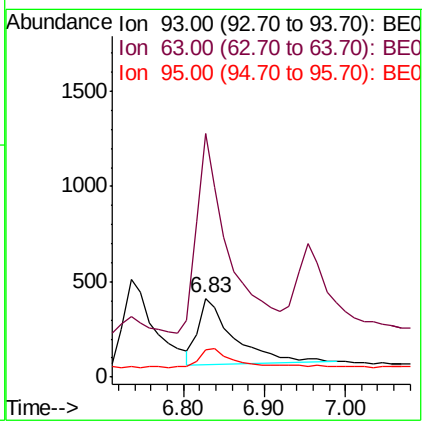


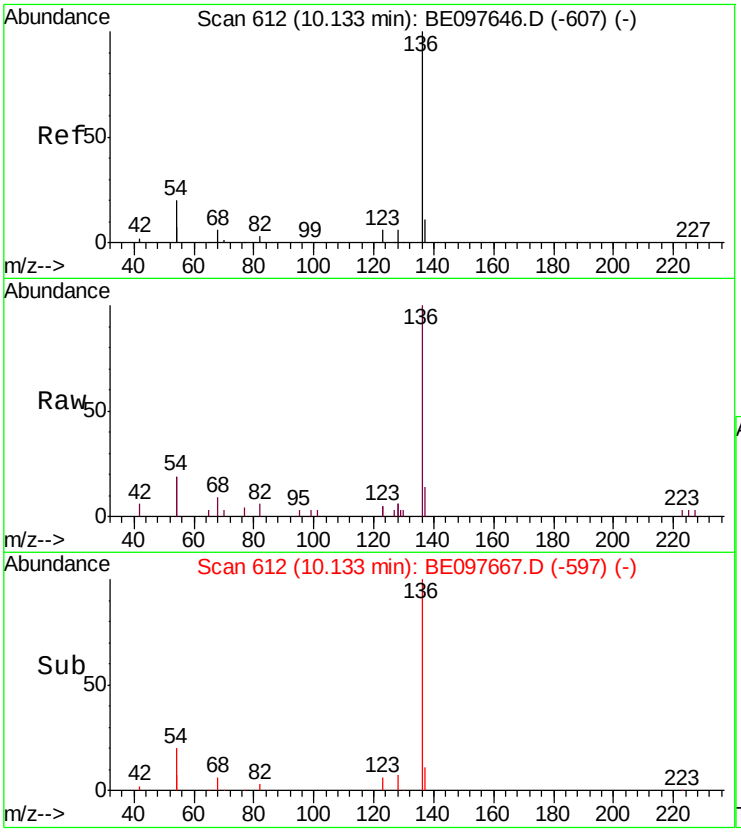


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion: 93 Resp: 1048

Ion	Ratio	Lower	Upper
93	100		
63	272.1	275.3	412.9#
95	29.7	25.2	37.8



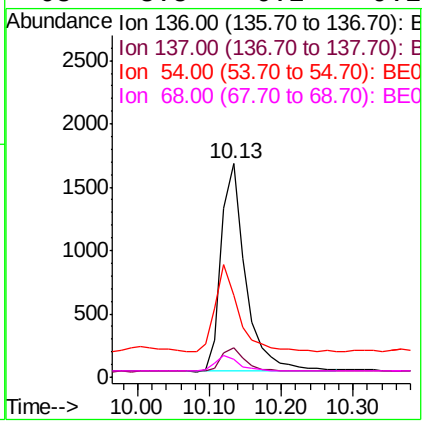


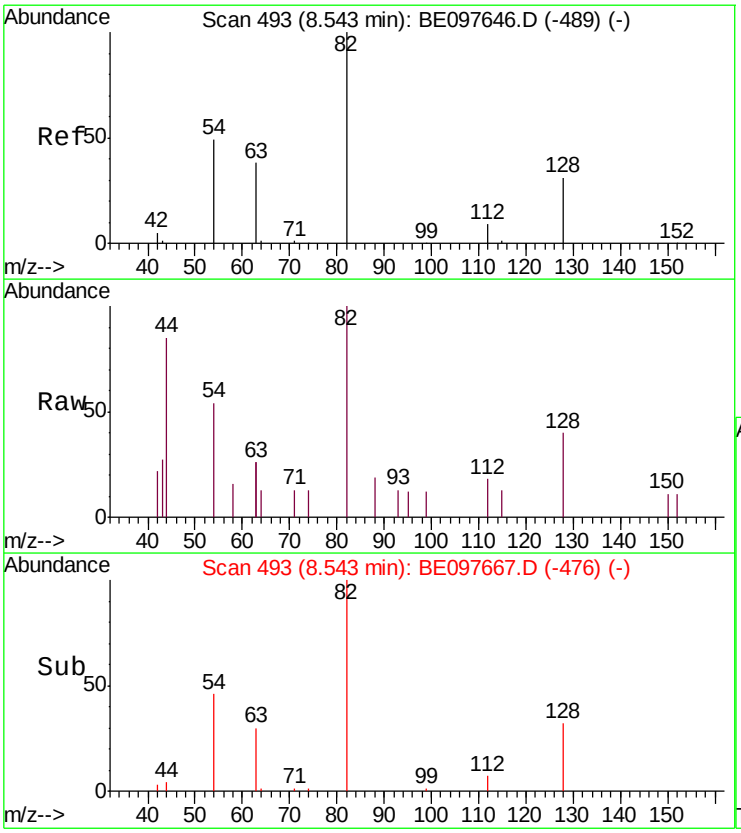
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3915

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.5	14.3
54	38.4	29.1	43.7
68	8.5	6.2	9.2

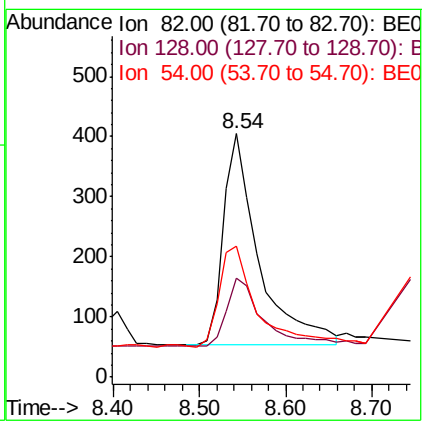


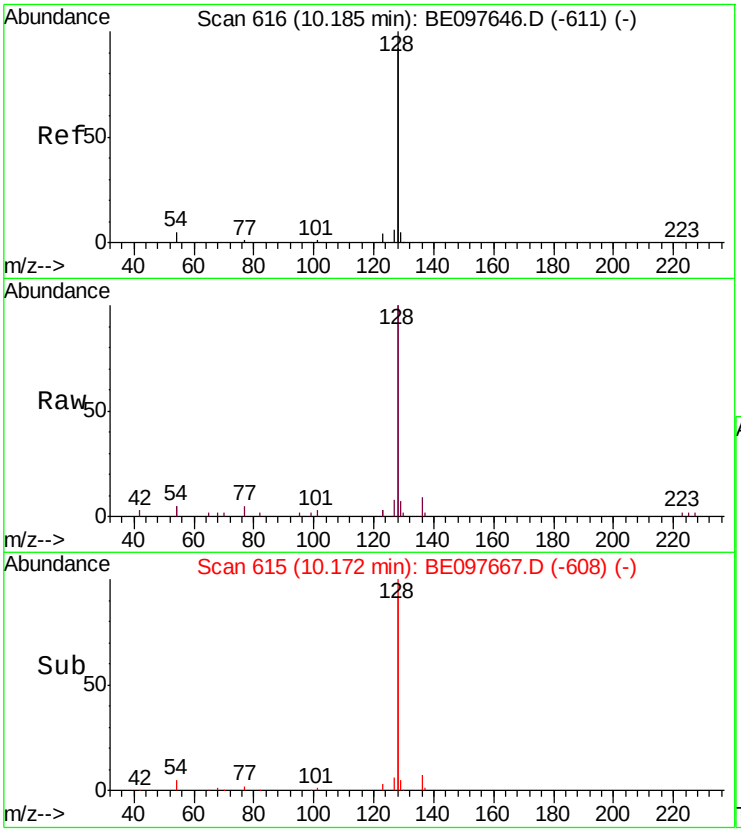


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion: 82 Resp: 1005

Ion	Ratio	Lower	Upper
82	100		
128	40.5	24.0	36.0#
54	54.1	40.0	60.0



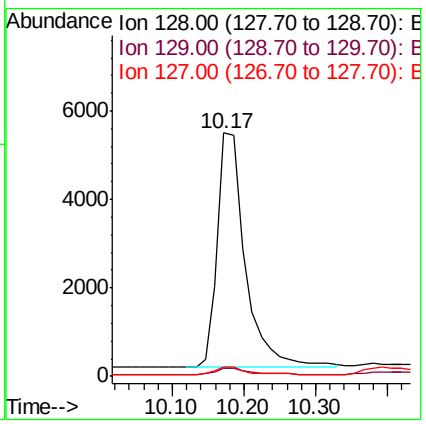


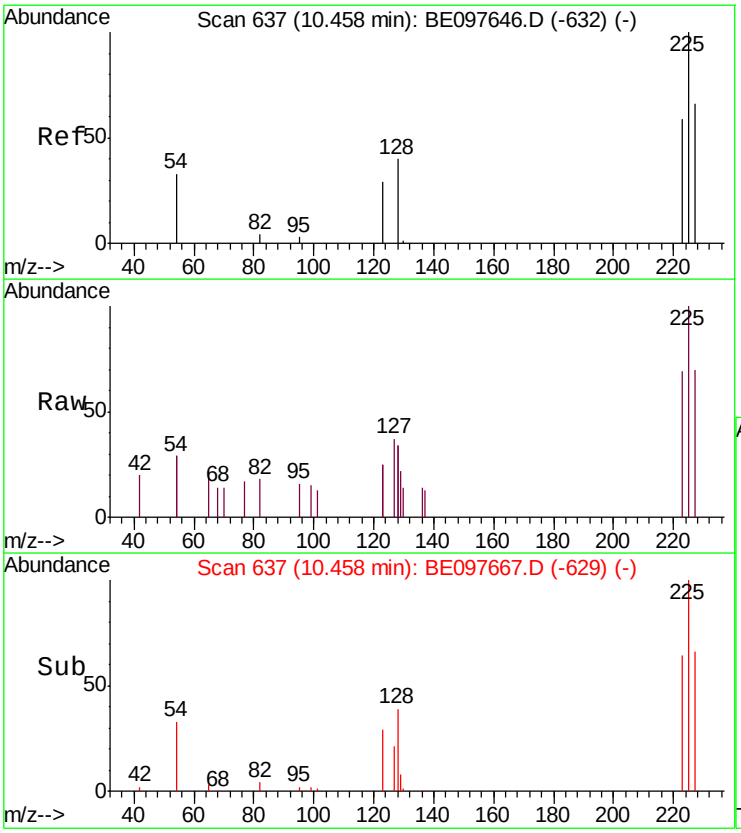
#9
Naphthalene
Concen: 0.402 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 14321

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	3.8
127	4.0	2.8	4.2

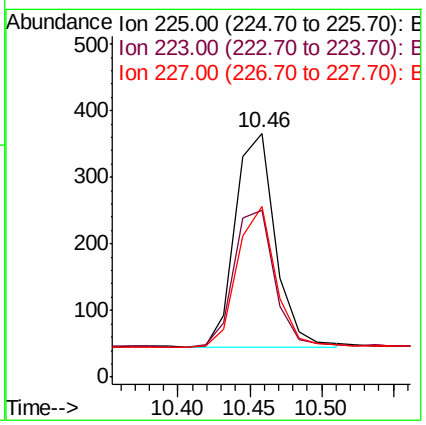


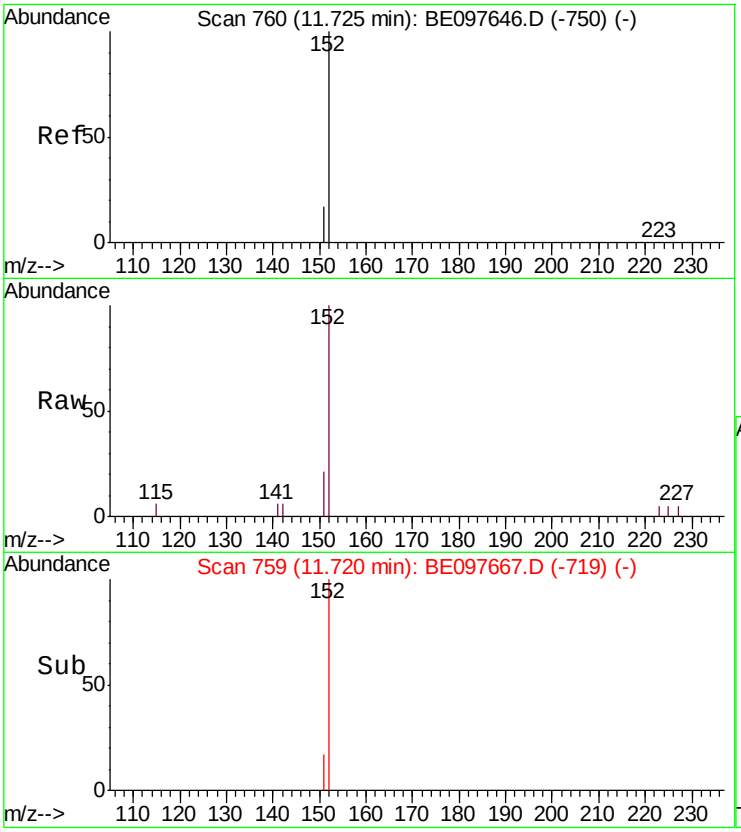


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:225 Resp: 619

Ion	Ratio	Lower	Upper
225	100		
223	66.9	53.0	79.6
227	63.2	51.4	77.2



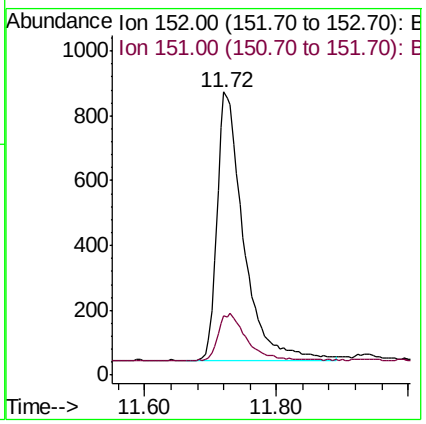


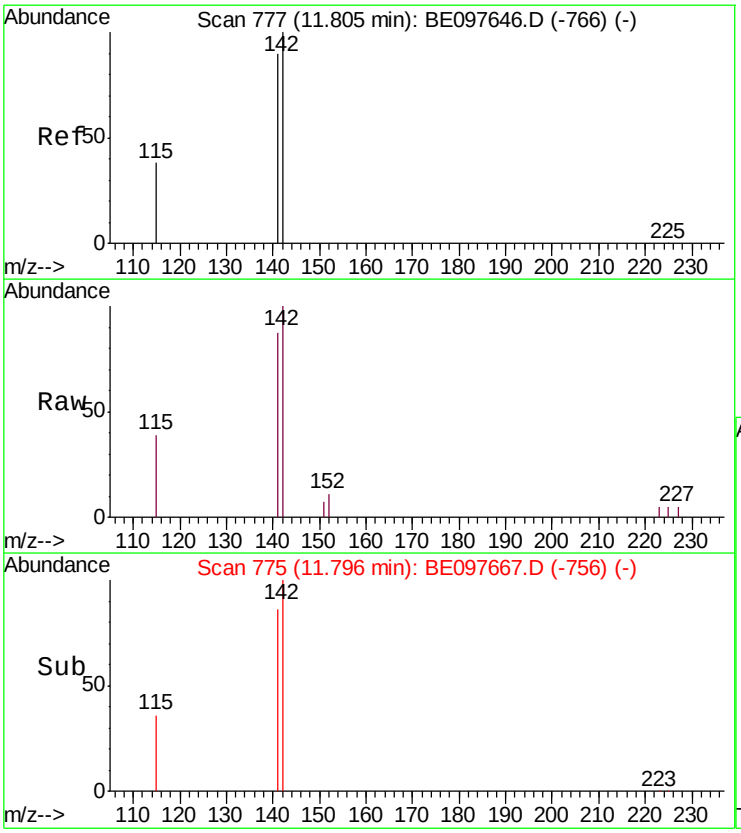
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2327

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

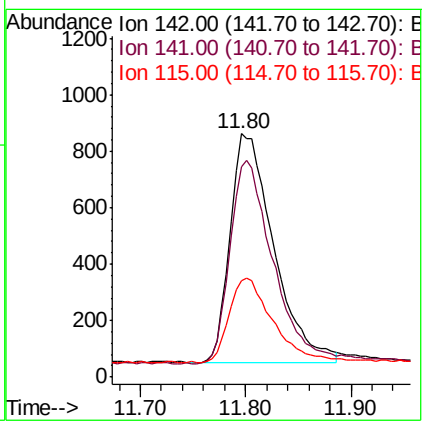


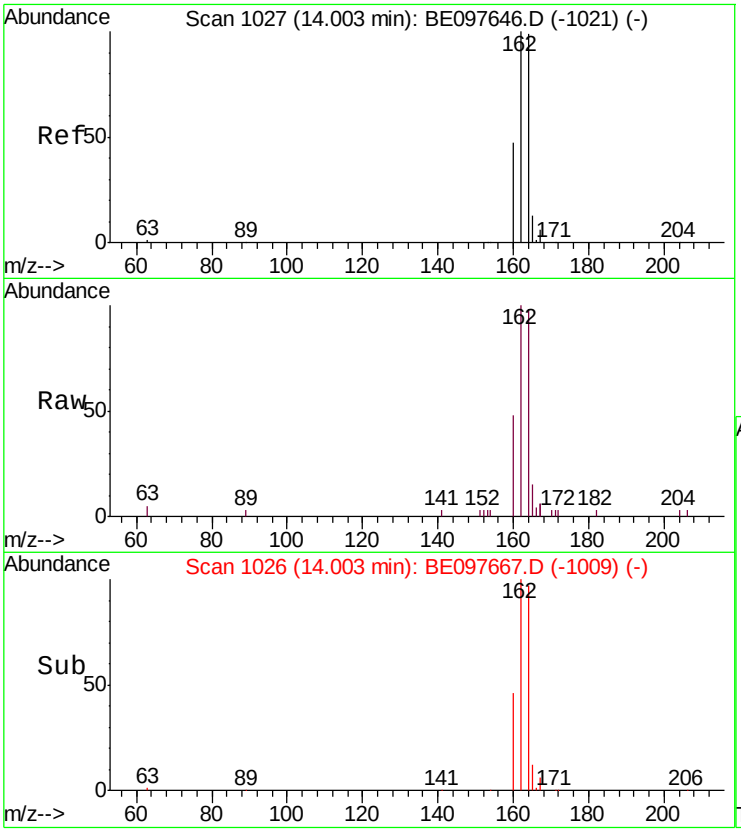


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 11.80 min Scan# 775
Delta R.T. -0.01 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:142 Resp: 2328

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.4	105.6
115	39.4	31.7	47.5



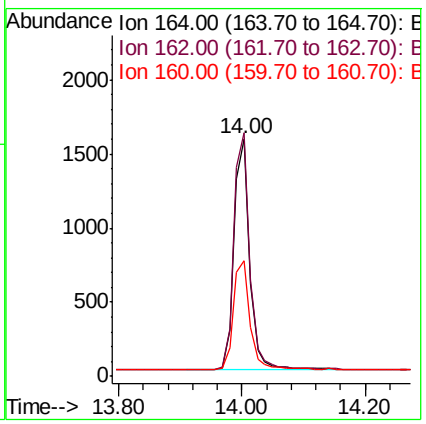


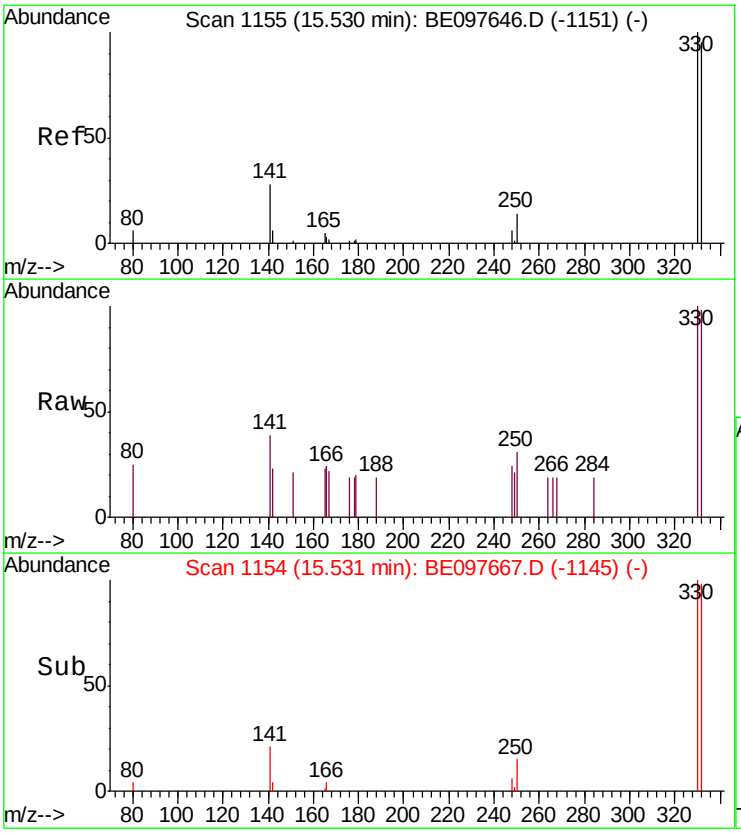
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2753

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	48.7	37.1	55.7

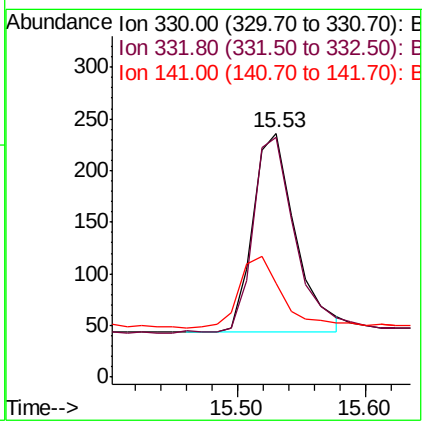


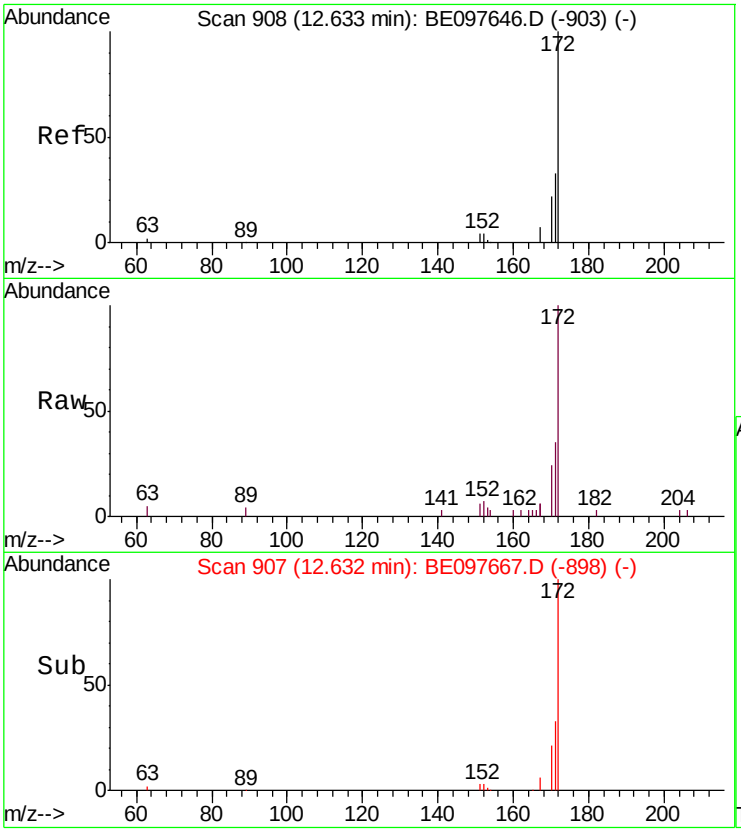


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:330 Resp: 445

Ion	Ratio	Lower	Upper
330	100		
332	98.0	152.7	229.1#
141	37.5	33.7	50.5



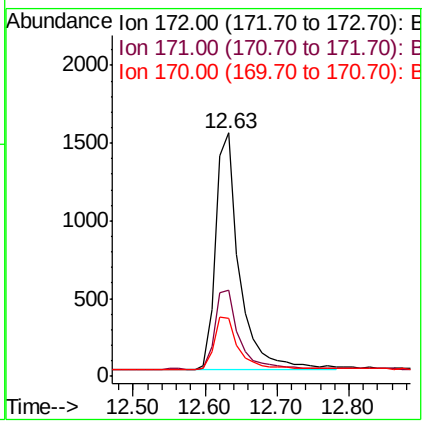


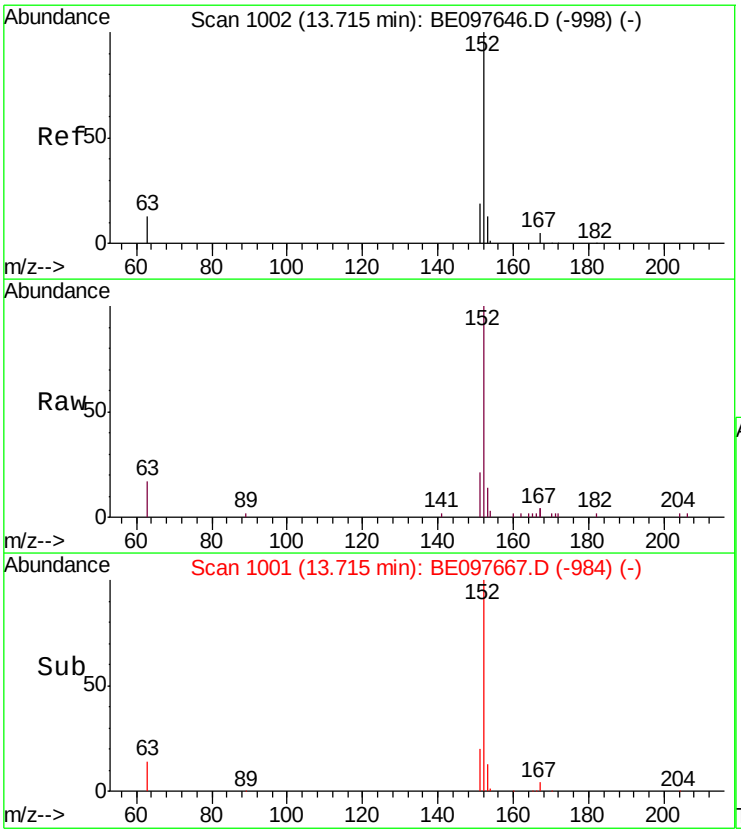
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3475

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	23.7	21.8	32.8

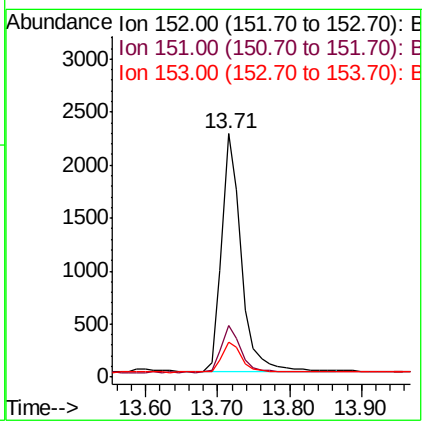


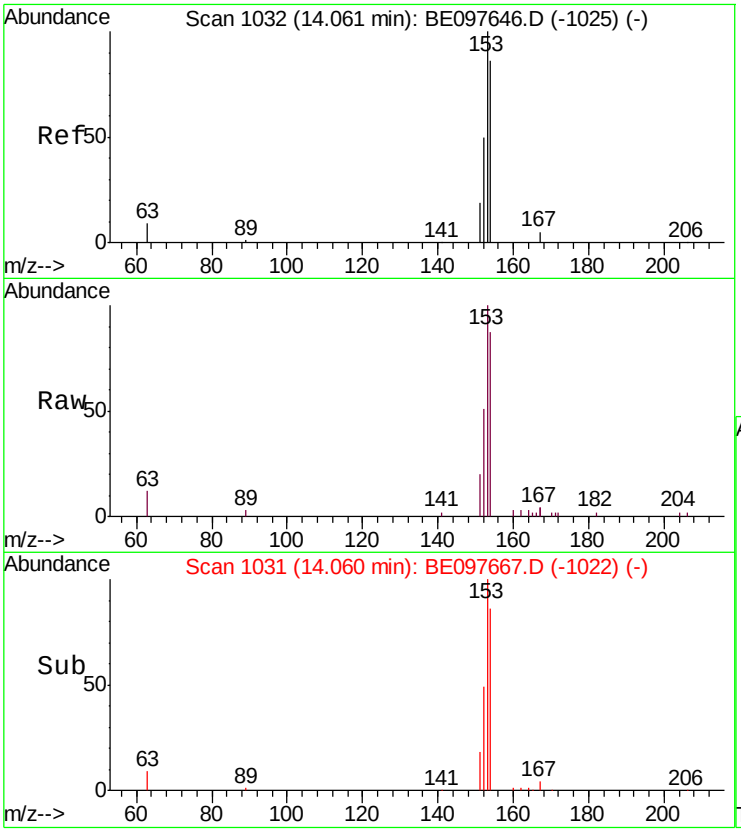


#16
Acenaphthylene
Concen: 0.386 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:152 Resp: 4269

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7



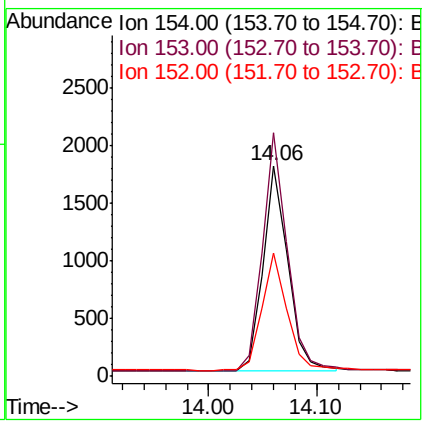


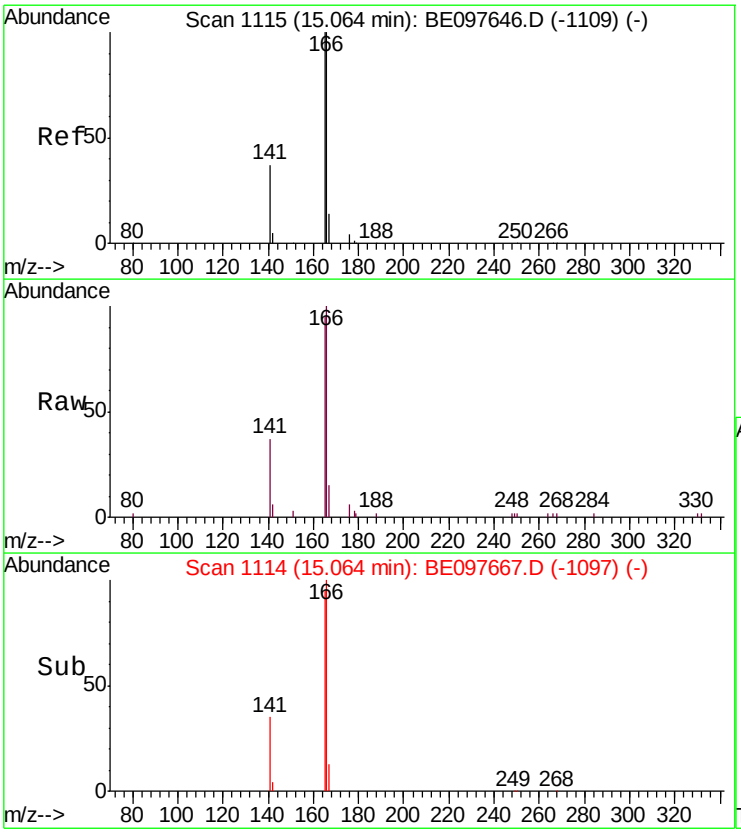
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2875

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.2	133.8
152	57.7	42.0	63.0

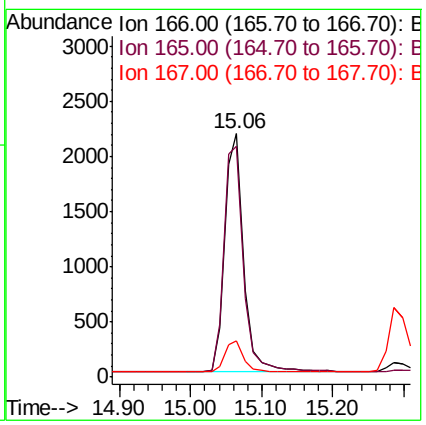


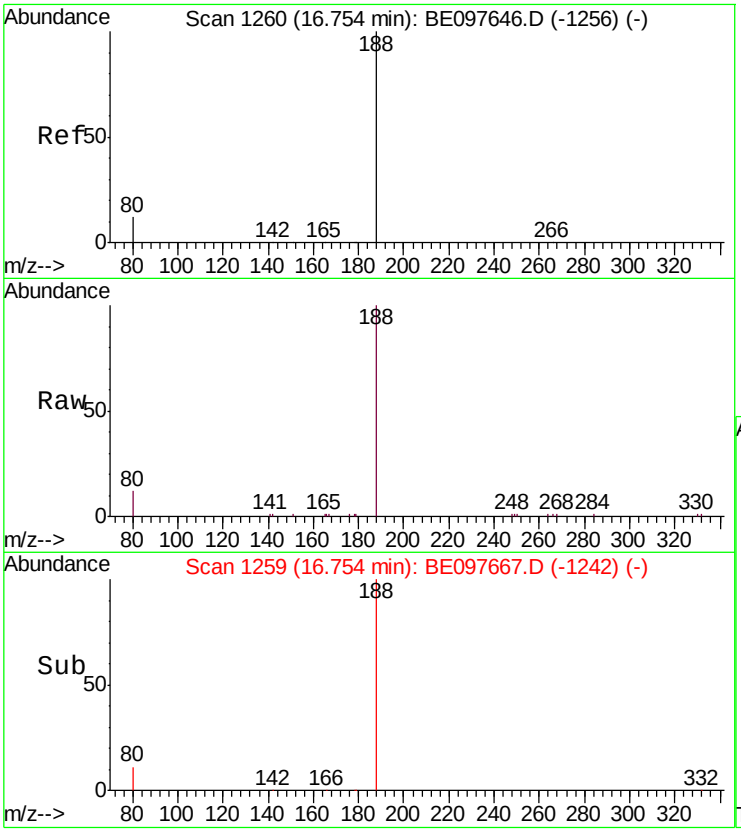


#18
Fluorene
Concen: 0.392 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:166 Resp: 3983

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.1	42.4	63.6#



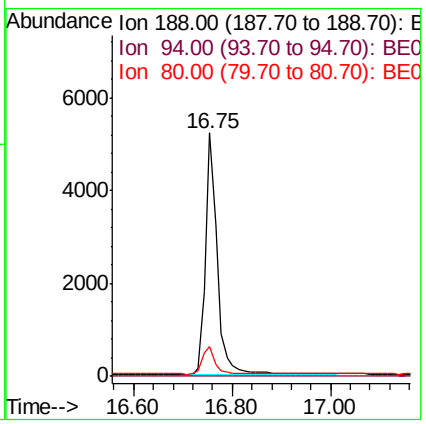


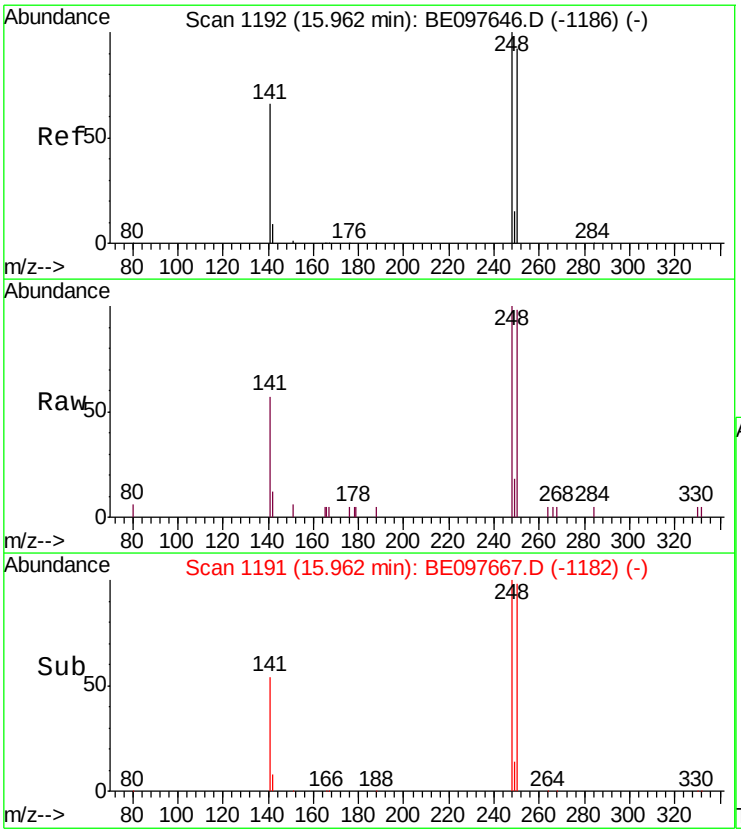
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 8600

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.2	3.6	5.4#

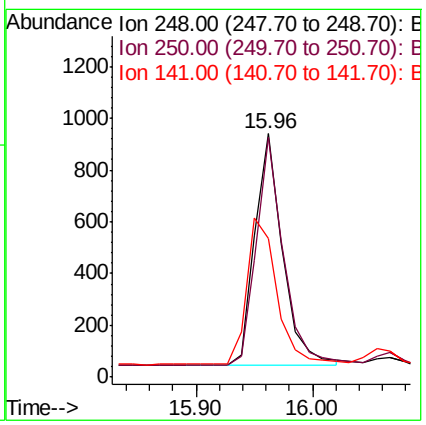


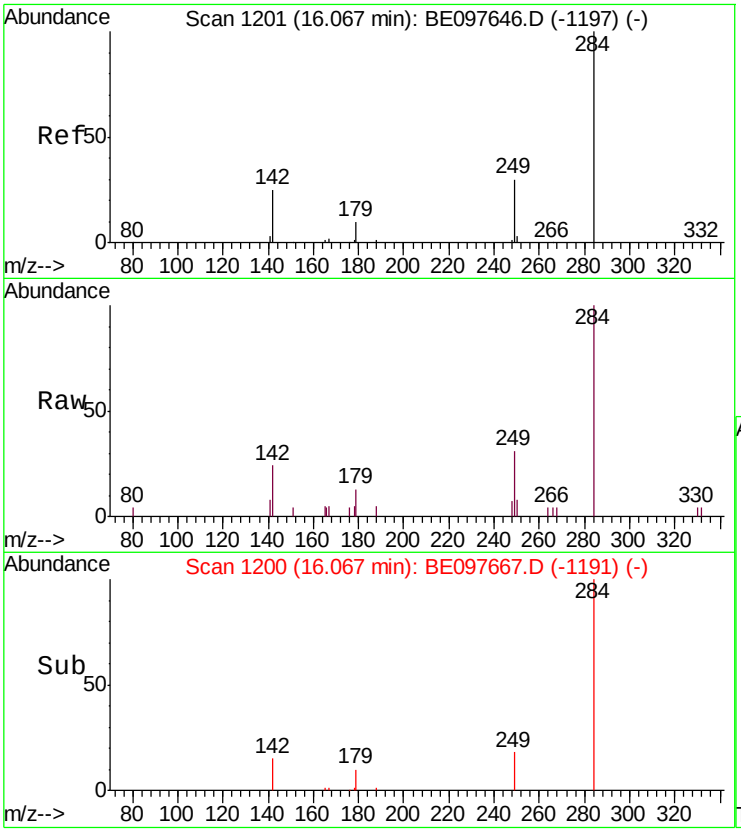


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:248 Resp: 1504

Ion	Ratio	Lower	Upper
248	100		
250	98.3	62.7	94.1#
141	57.0	48.2	72.2



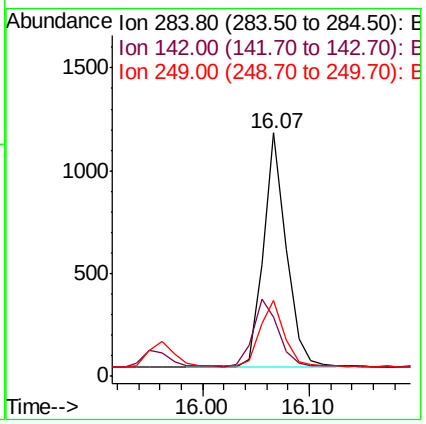


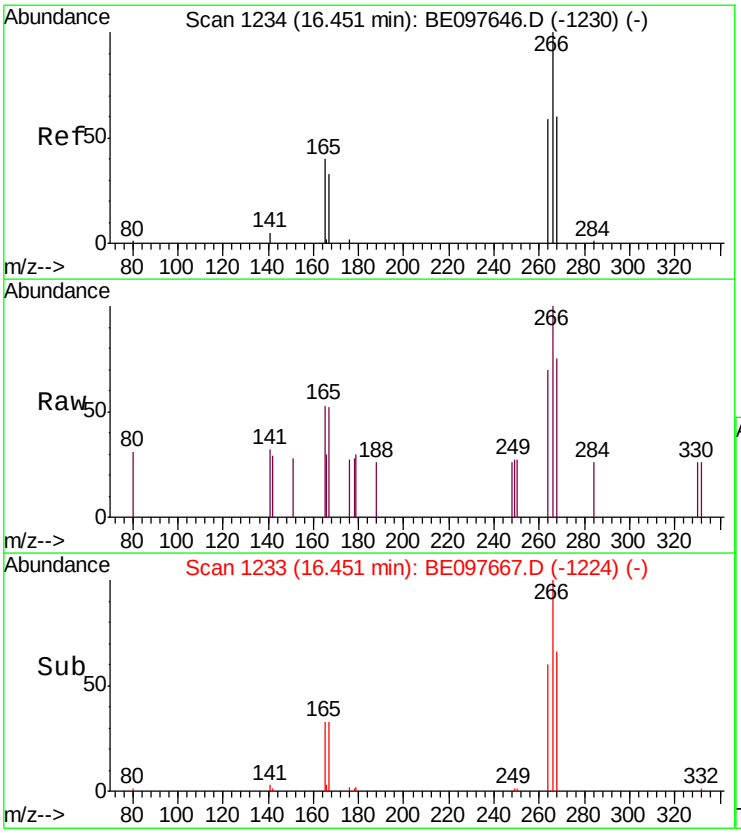
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1720

Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.1	33.1
249	29.0	34.8	52.2#

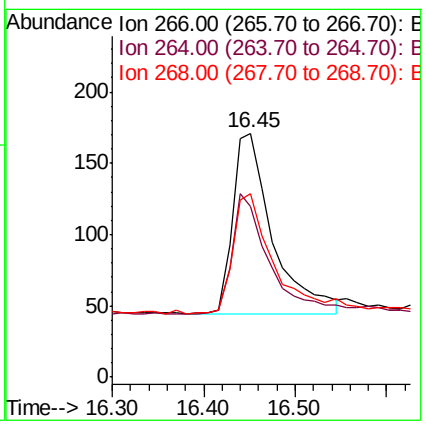


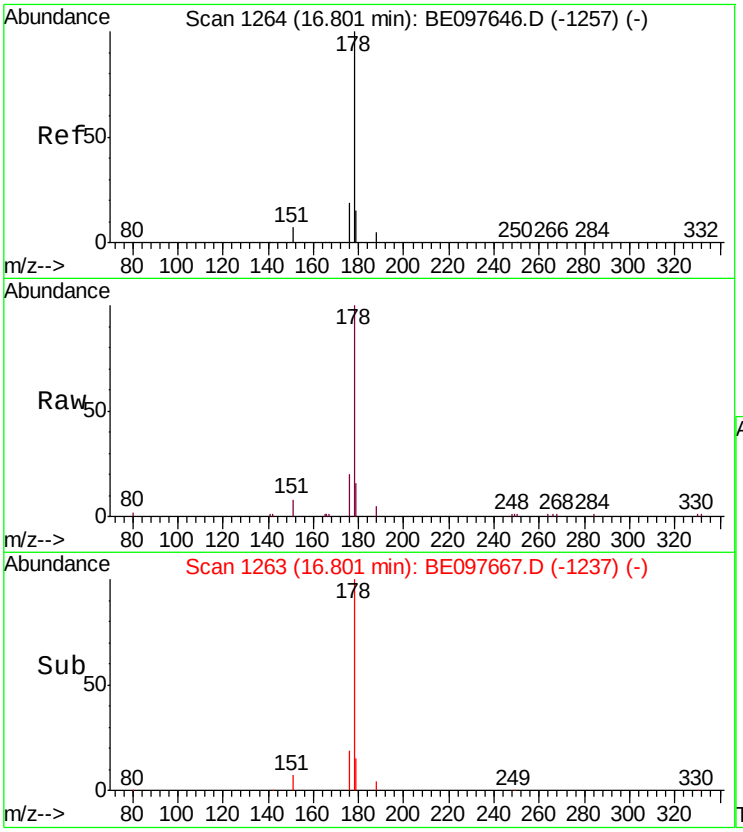


#22
Pentachlorophenol
Concen: 0.453 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:266 Resp: 388

Ion	Ratio	Lower	Upper
266	100		
264	70.2	72.5	108.7#
268	75.4	73.8	110.6



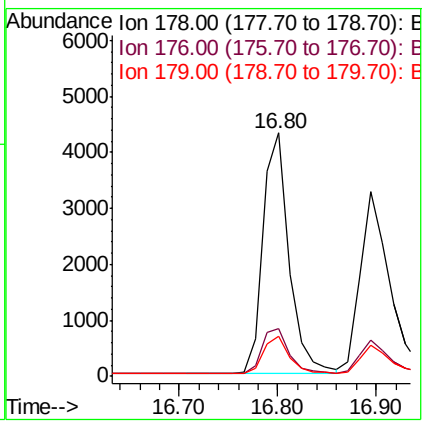


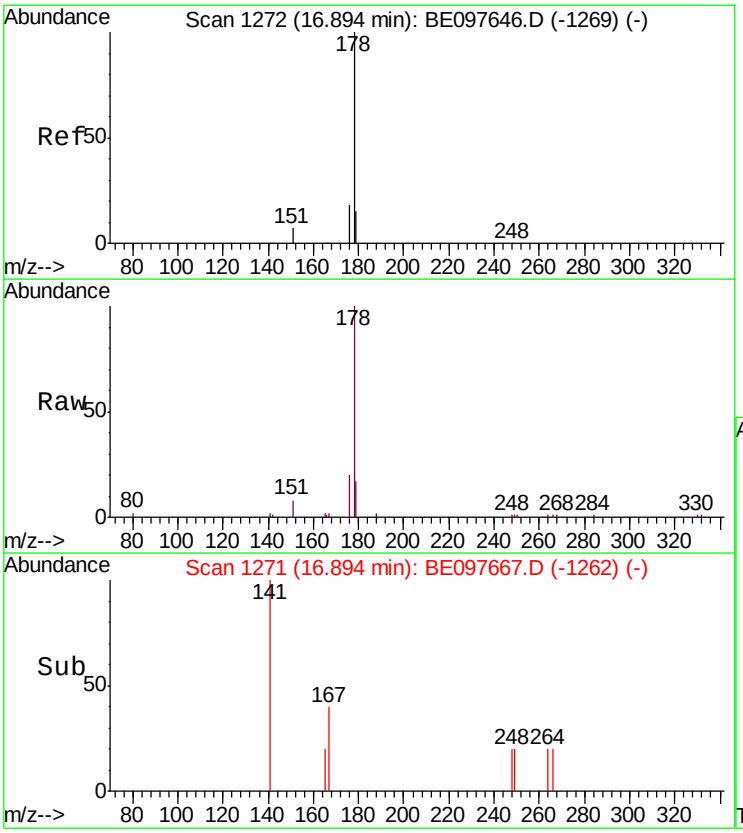
#23
Phenanthrene
Concen: 0.390 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7930

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	11.8	17.6

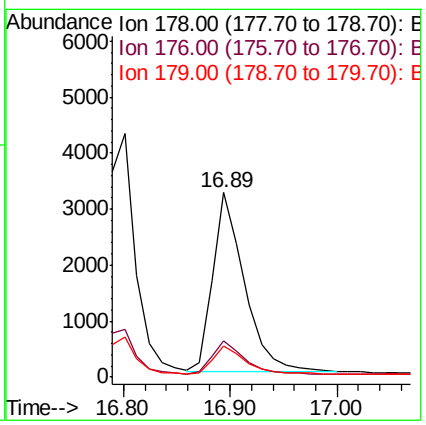


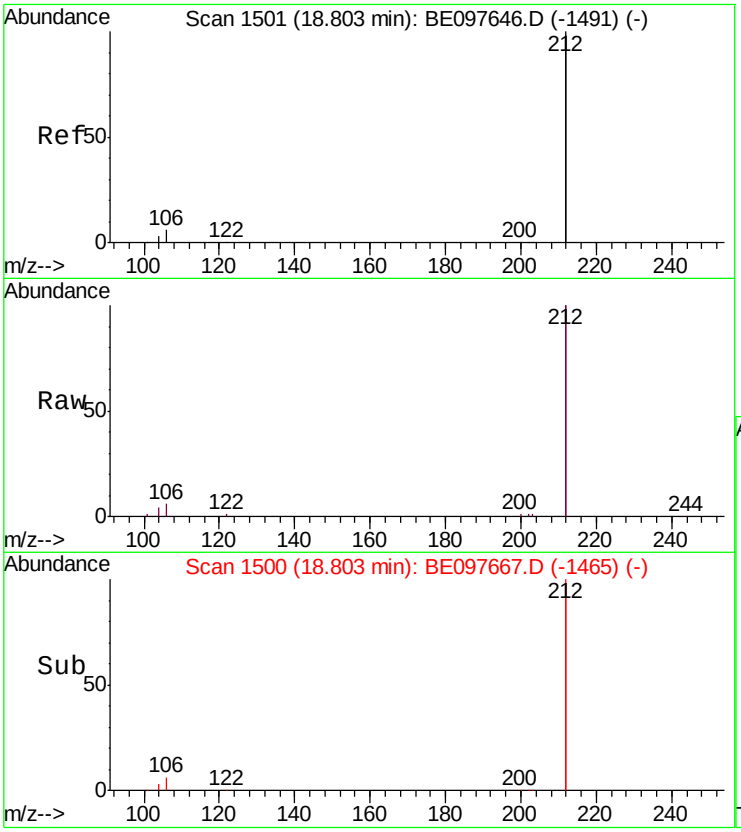


#24
Anthracene
Concen: 0.386 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:178 Resp: 6531

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.0	13.0	19.6



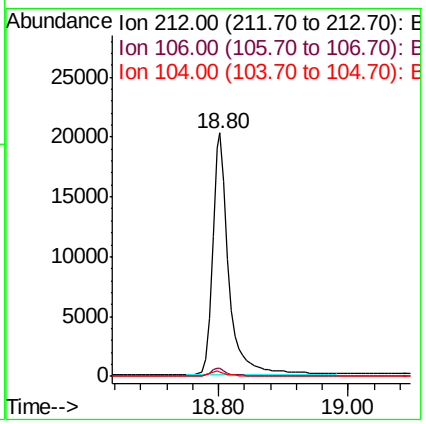


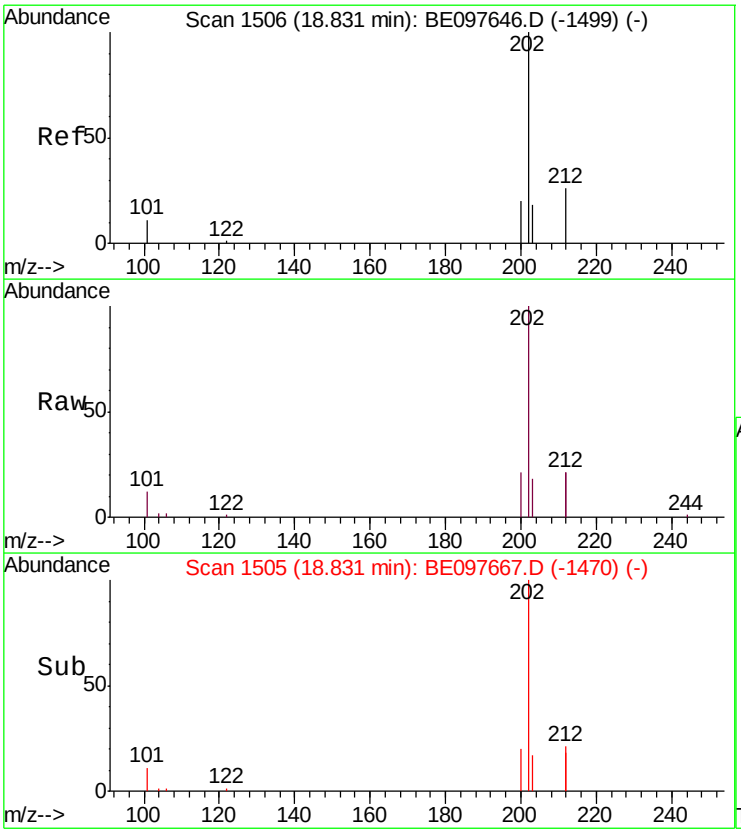
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 35182

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

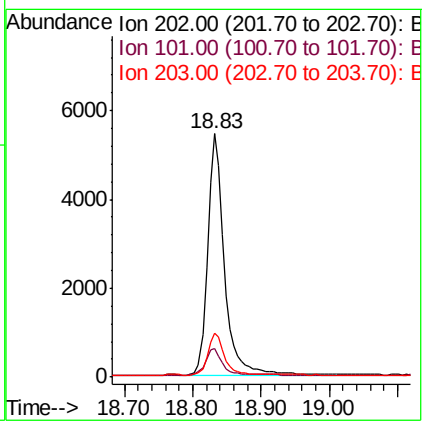


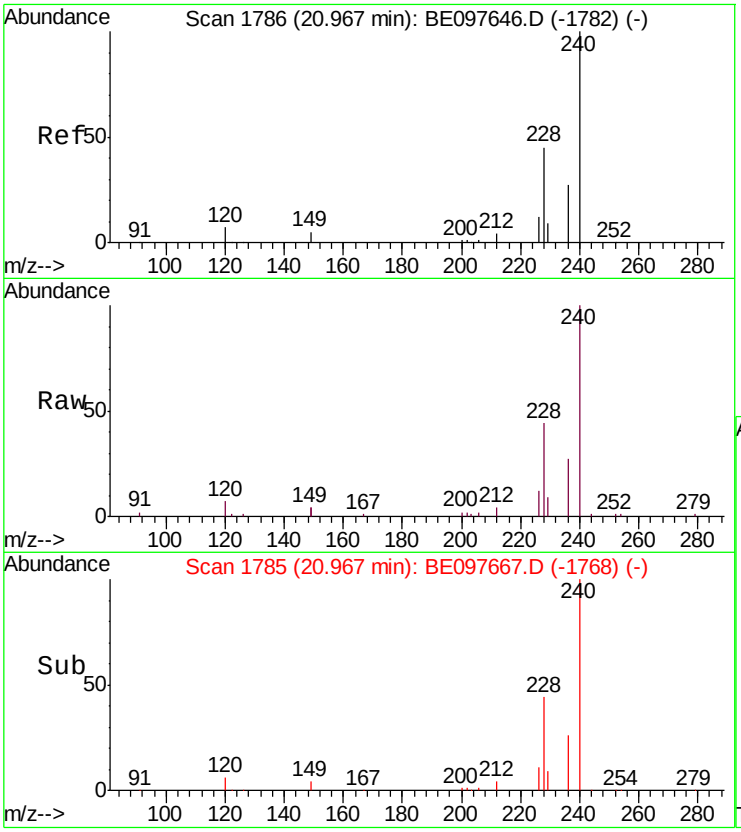


#26
Fluoranthene
Concen: 0.378 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:202 Resp: 9232

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
203	16.8	13.7	20.5



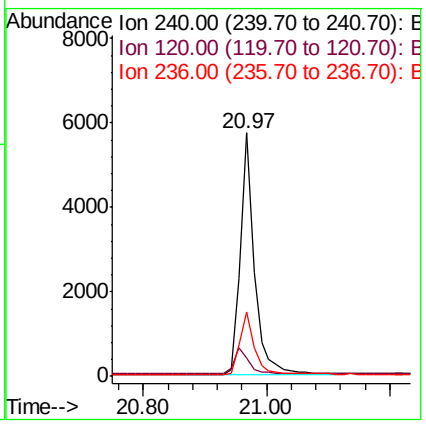


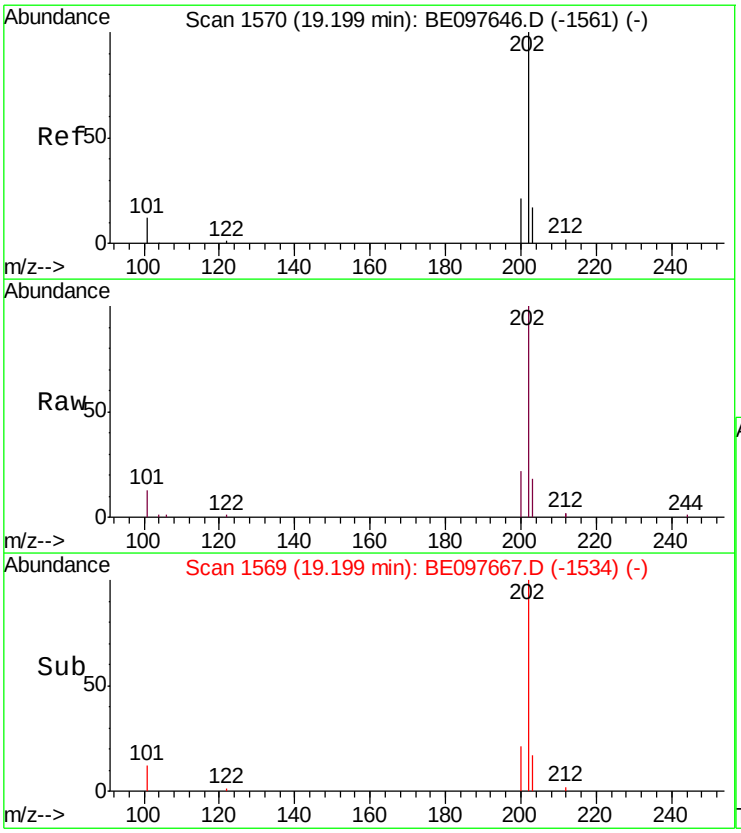
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8912

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.7	20.7	31.1

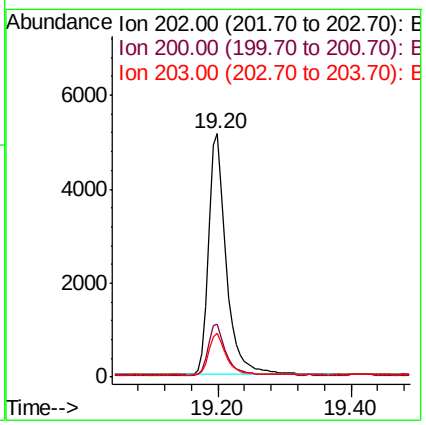


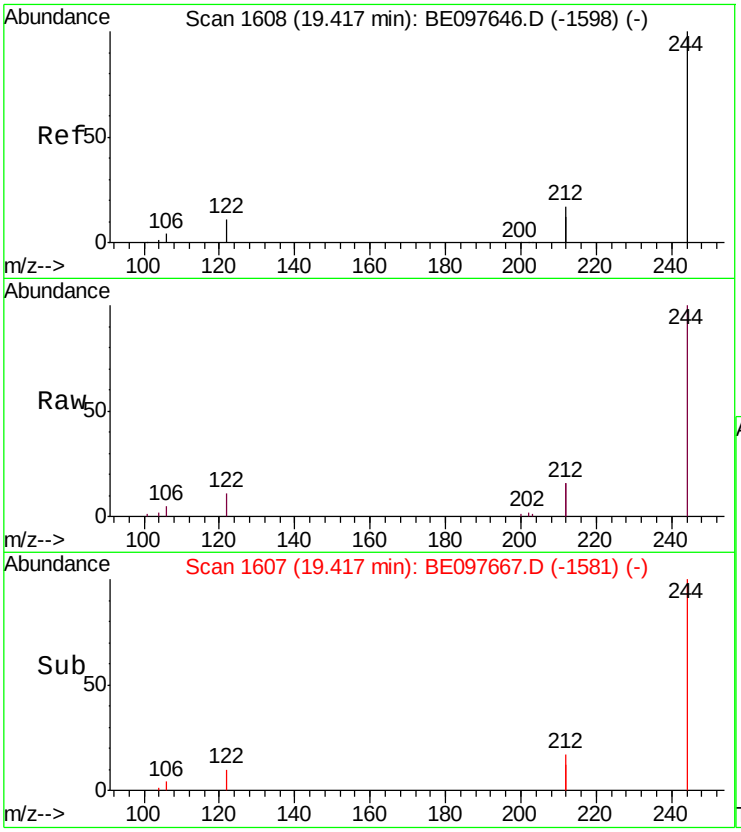


#28
Pyrene
Concen: 0.404 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:202 Resp: 9396

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.1	13.8	20.8



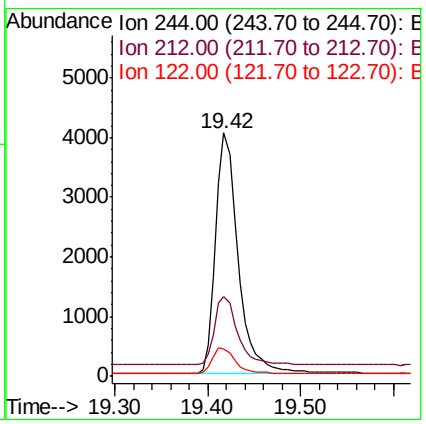


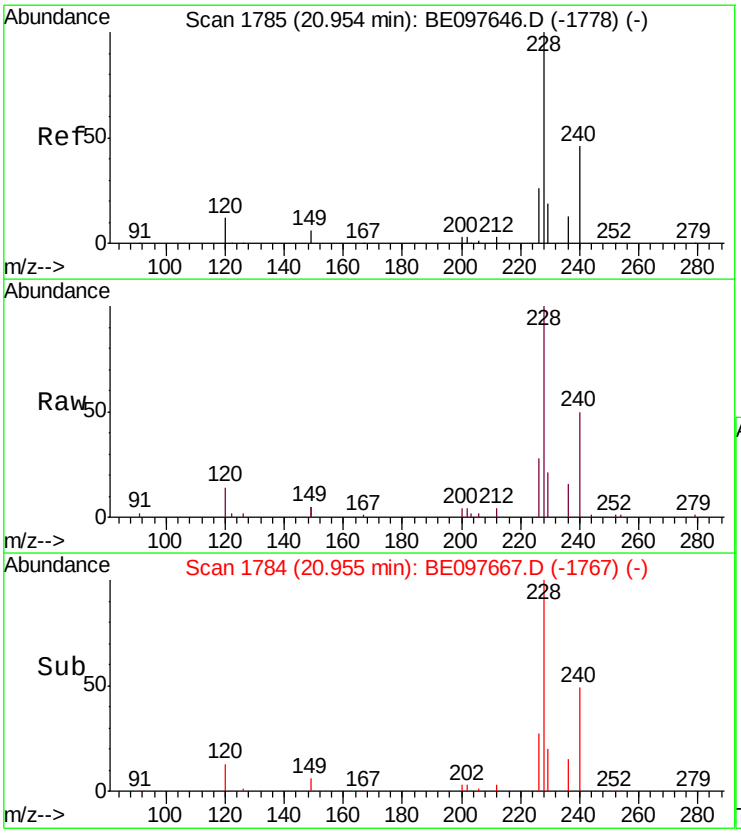
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.42 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6867

Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.4	38.0
122	11.1	8.1	12.1

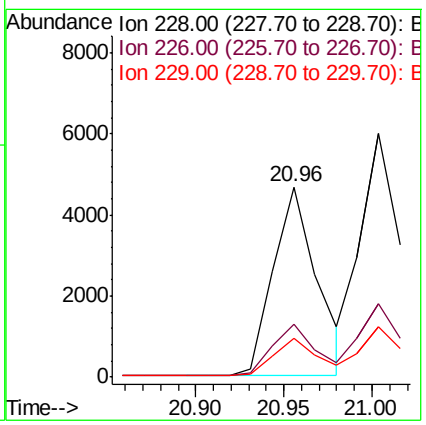


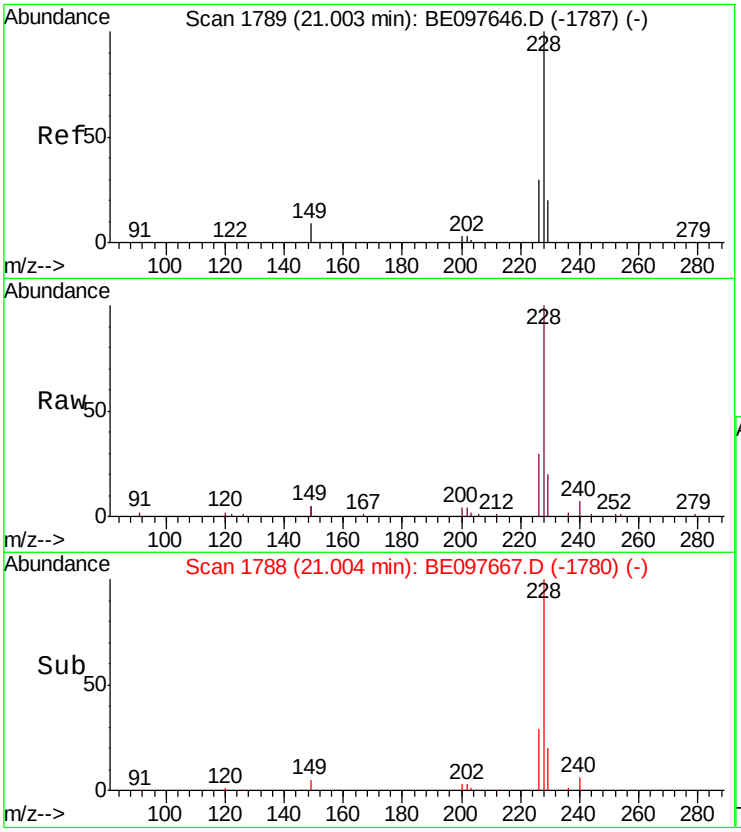


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 20.96 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:228 Resp: 8026

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	20.6	16.0	24.0



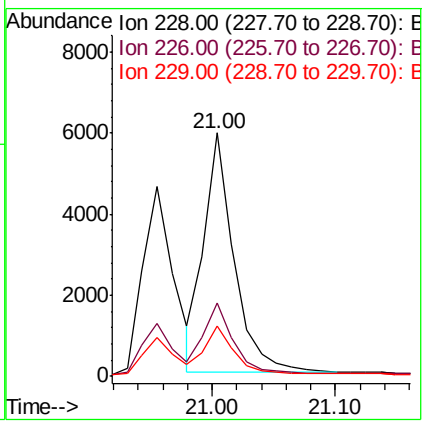


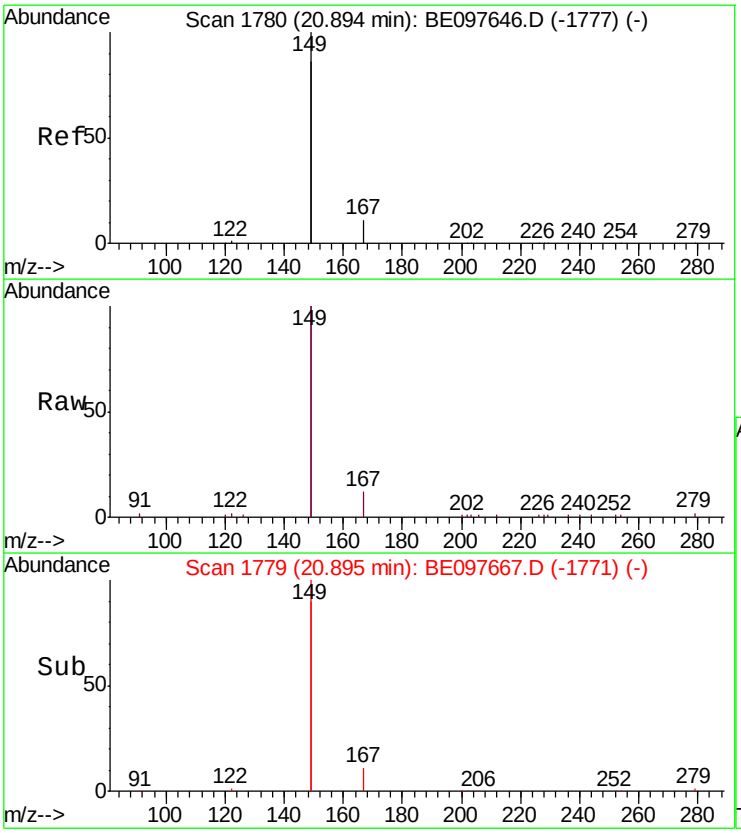
#31
Chrysene
Concen: 0.403 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 9936

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.4	16.0	24.0

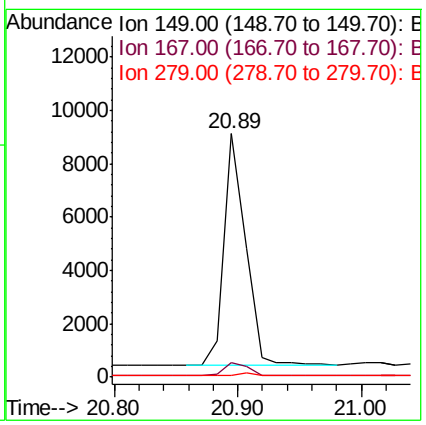


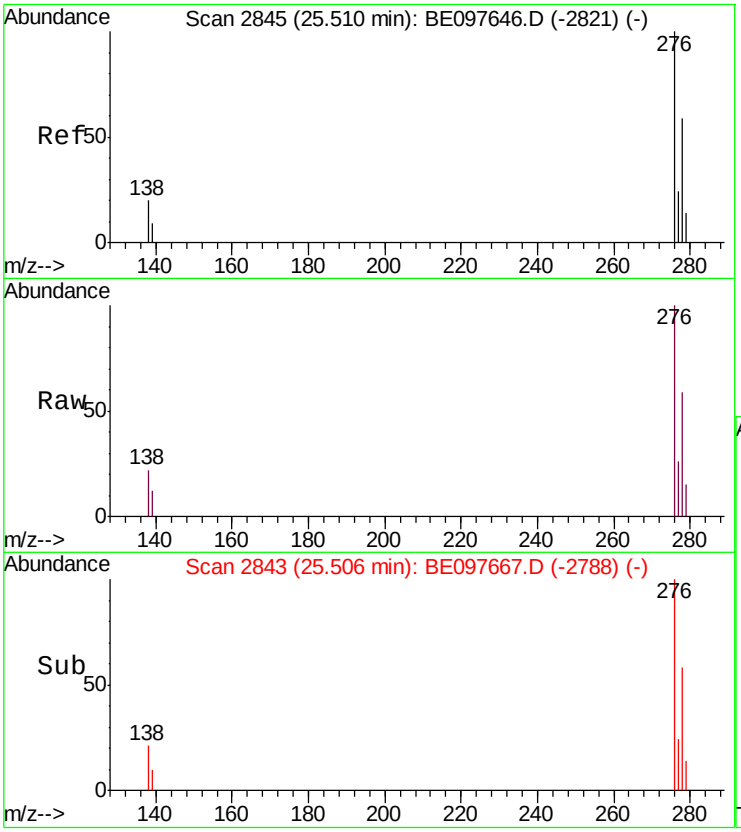


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.442 ng
RT: 20.89 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:149 Resp: 10640

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1



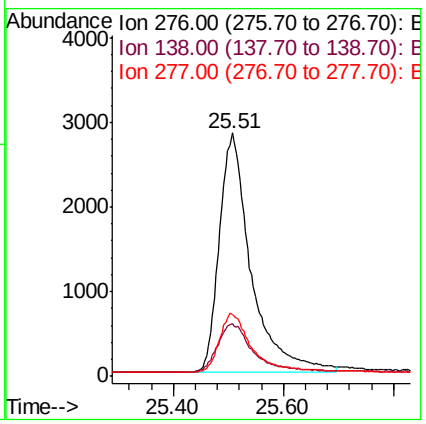


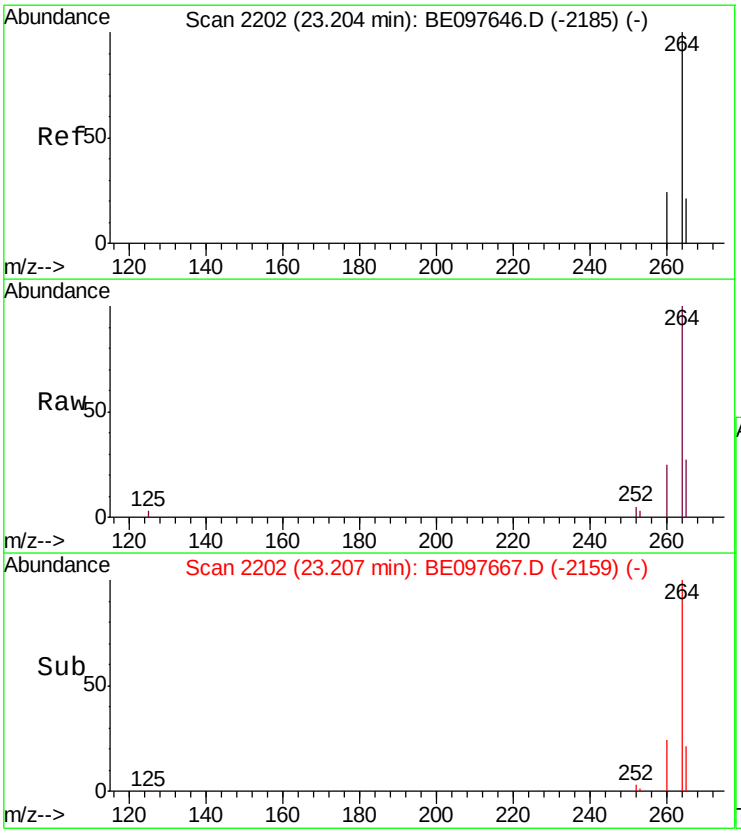
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 25.51 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11352

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	24.9	19.9	29.9

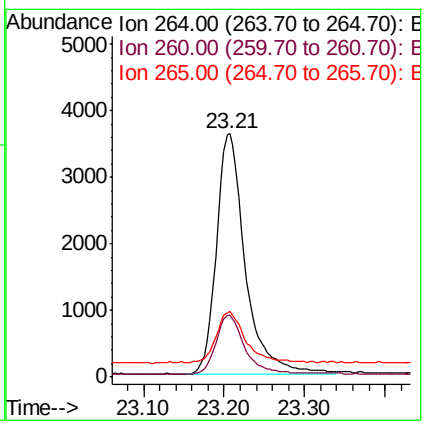


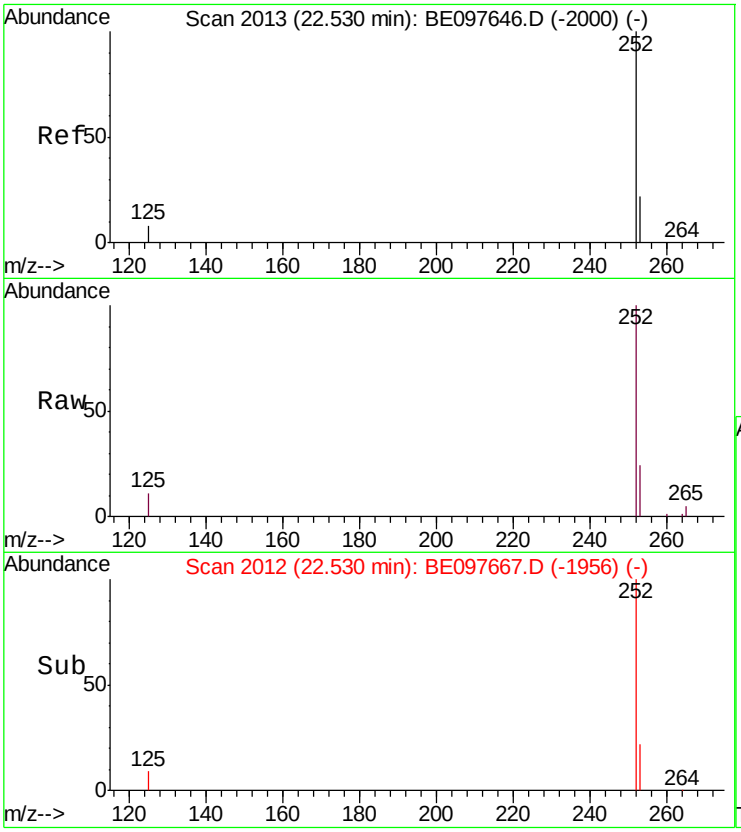


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:264 Resp: 8890

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	26.8	22.8	34.2



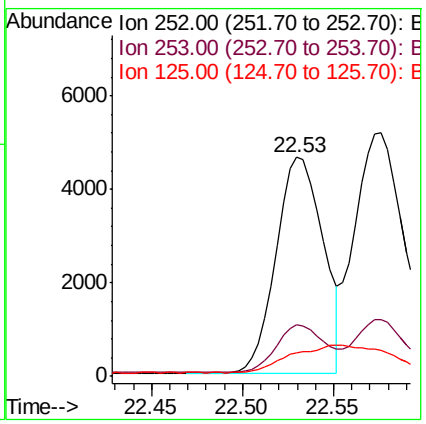


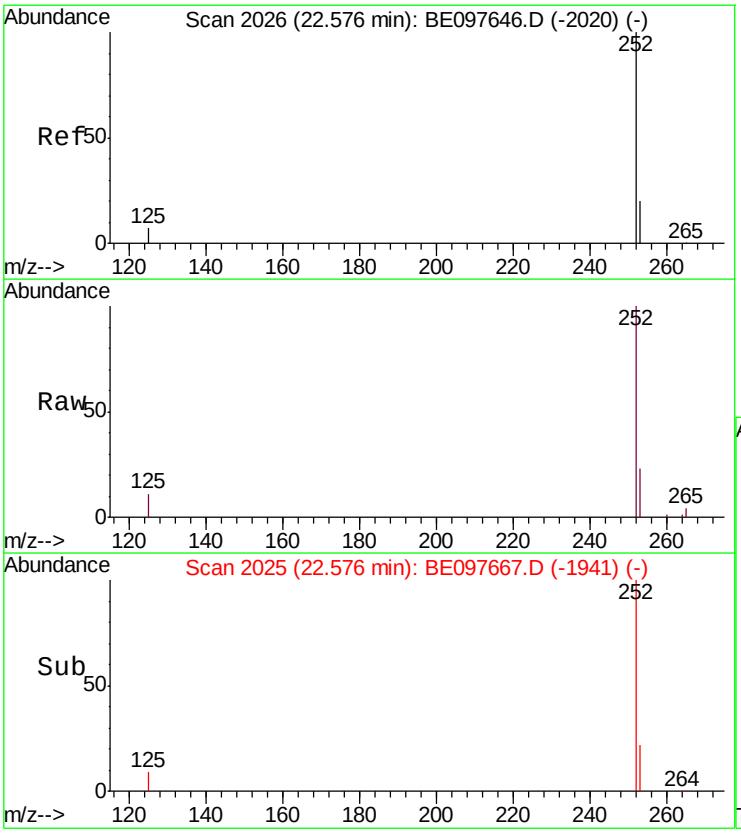
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8270

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	10.7	16.0	24.0#

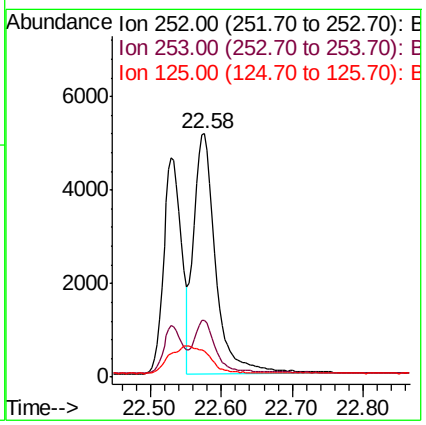


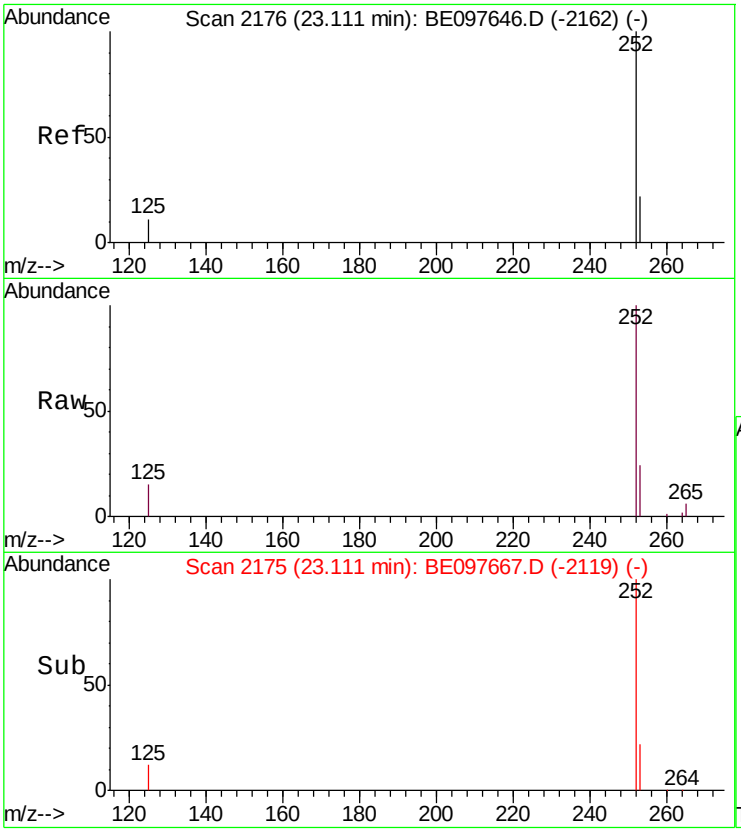


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.58 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:252 Resp: 10913

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	10.6	8.0	12.0



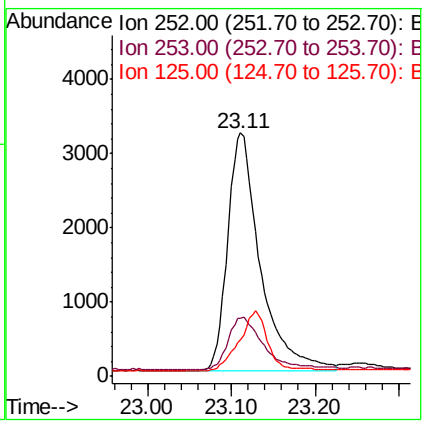


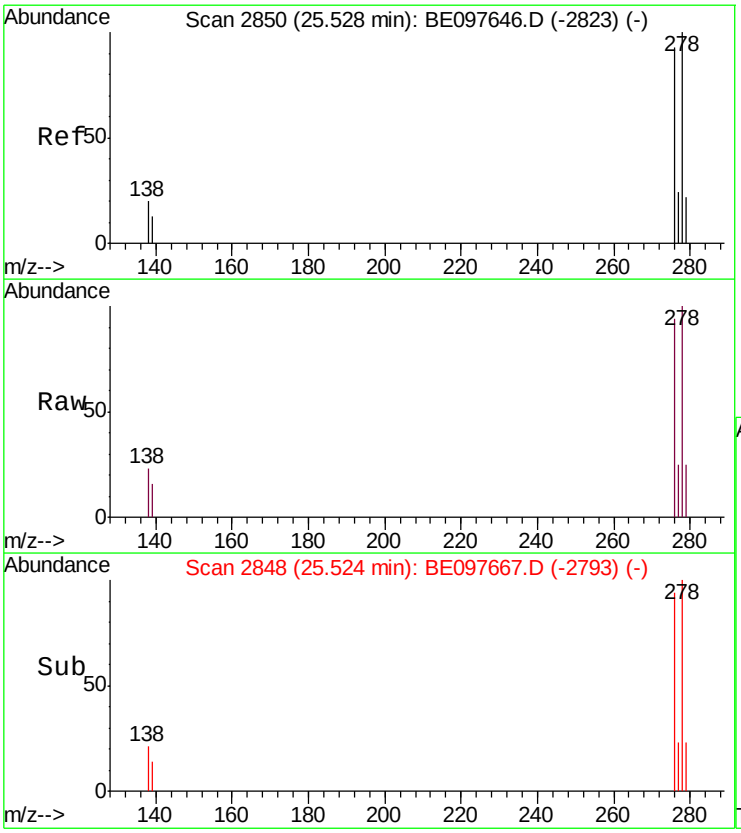
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8690

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	14.7	12.0	18.0

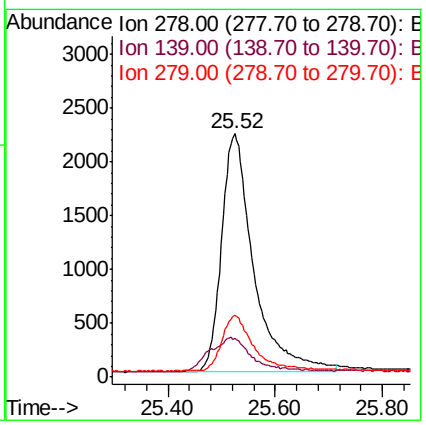


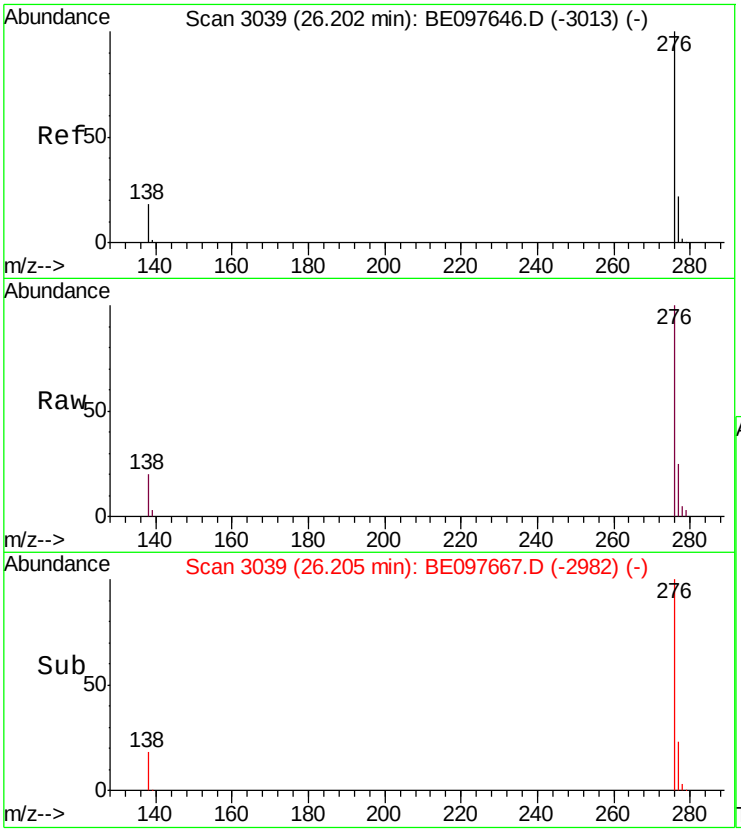


#38
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:278 Resp: 9253

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	25.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.21 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8975

Ion	Ratio	Lower	Upper
276	100		
277	24.6	16.0	24.0#
138	20.3	20.0	30.0