Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097724.D
Acq On : 4 Oct 2018 13:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 05 06:50:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	3051	0.40	ng		0.01
7) Naphthalene-d8	10.71	136	13034	0.40	ng		0.01
13) Acenaphthene-d10	14.57	164	7523	0.40	ng		0.01
19) Phenanthrene-d10	17.30	188	20644	0.40	ng		0.00
27) Chrysene-d12	21.49	240	26211	0.40	ng		0.00
34) Perylene-d12	24.05	264	23046	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.48	112	2991	0.41	ng		0.01
5) Phenol-d6	7.06	99	4313	0.39	ng		0.01
8) Nitrobenzene-d5	9.06	82	2167	0.51	ng		0.01
11) 2-Methylnaphthalene-d10	12.31	152	7868	0.38	ng		0.01
14) 2,4,6-Tribromophenol	16.04	330	579	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	12088	0.36	ng		0.00
25) Fluoranthene-d10	19.34	212	97606	0.37	ng		0.00
29) Terphenyl-d14	19.94	244	20971	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	2386	0.392	ng		97
3) n-Nitrosodimethylamine	3.70	42	2054	0.371	ng	#	86
6) bis(2-Chloroethyl)ether	7.33	93	4483	0.392	ng		97
9) Naphthalene	10.76	128	49808	0.379	ng		100
10) Hexachlorobutadiene	11.06	225	2682	0.385	ng		96
12) 2-Methylnaphthalene	12.38	142	7948	0.378	ng		95
16) Acenaphthylene	14.28	152	11892	0.357	ng		98
17) Acenaphthene	14.63	154	8089	0.379	ng		98
18) Fluorene	15.60	166	10843	0.383	ng		99
20) 4-Bromophenyl-phenylether	16.51	248	4201	0.388	ng	#	91
21) Hexachlorobenzene	16.62	284	4637	0.381	ng		98
22) Pentachlorophenol	16.95	266	780	0.408	ng		90
23) Phenanthrene	17.35	178	21155	0.398	ng		100
24) Anthracene	17.44	178	17167	0.374	ng		99
26) Fluoranthene	19.37	202	25297	0.373	ng		99
28) Pyrene	19.73	202	25919	0.389	ng		99
30) Benzo(a)anthracene	21.47	228	25191	0.357	ng		99
31) Chrysene	21.52	228	31064	0.394	ng		99
32) Bis(2-ethylhexyl)phthalate	21.43	149	17883	0.347	ng		100
33) Indeno(1,2,3-cd)pyrene	26.75	276	24853	0.363	ng	#	91
35) Benzo(b)fluoranthene	23.26	252	23318	0.369	ng		100
36) Benzo(k)fluoranthene	23.32	252	26900	0.384	ng		99
37) Benzo(a)pyrene	23.93	252	20889	0.365	ng		99
38) Dibenzo(a,h)anthracene	26.78	278	20419	0.362	ng		97
39) Benzo(g,h,i)perylene	27.57	276	22145	0.375	ng		97

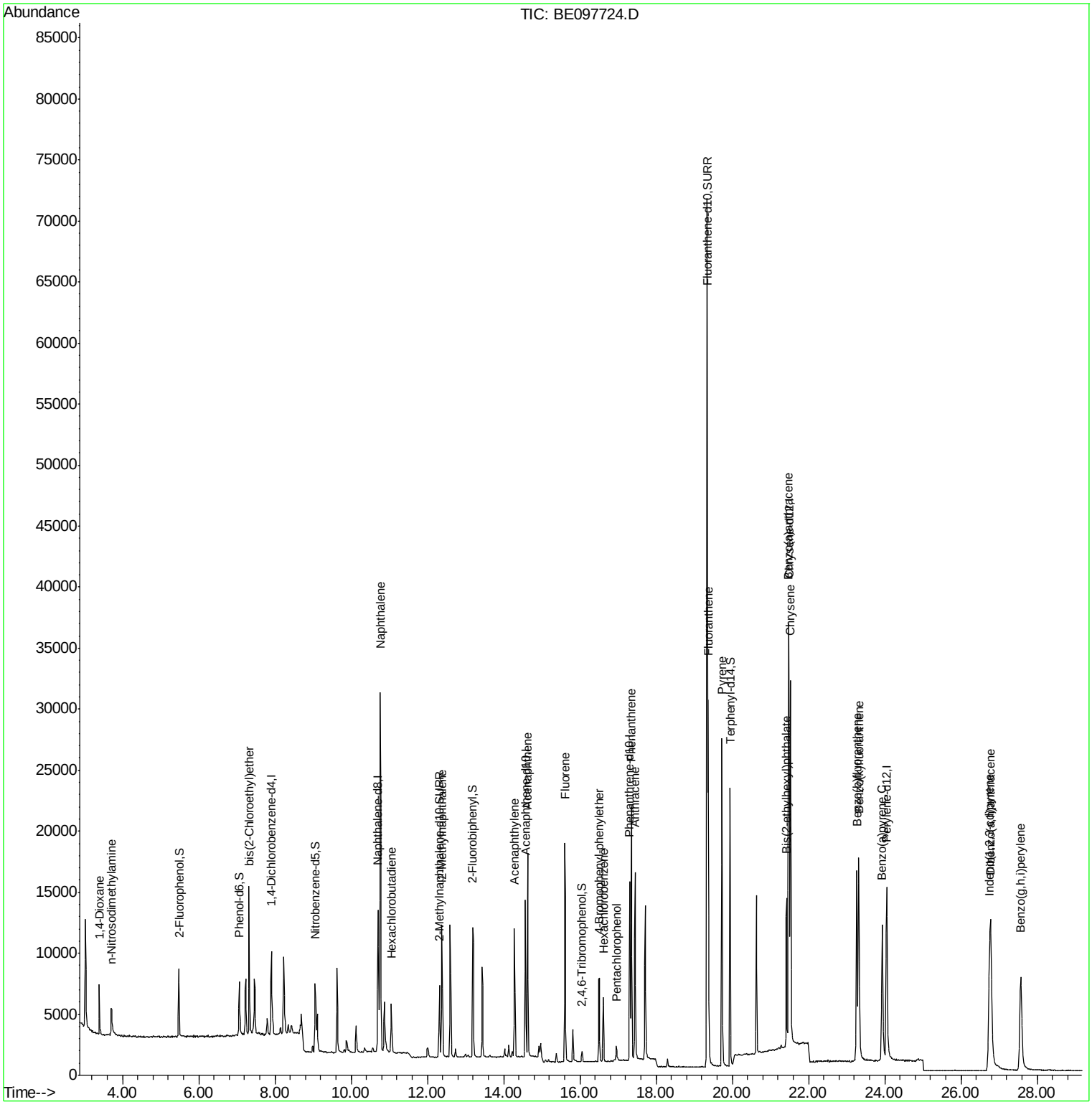
(#) = qualifier out of range (m) = manual integration (+) = signals summed

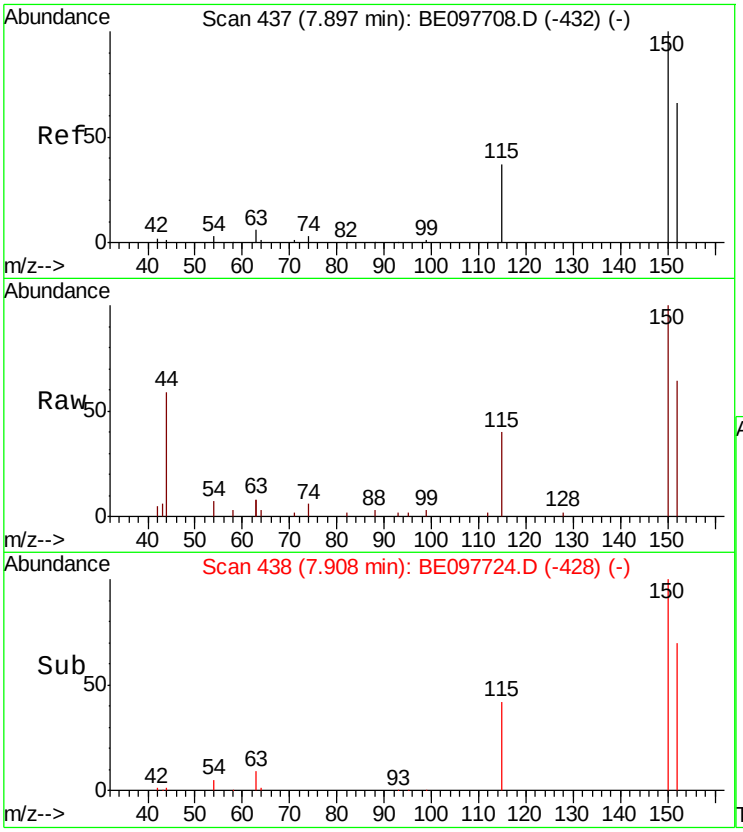
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
Data File : BE097724.D
Acq On : 4 Oct 2018 13:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 05 06:50:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



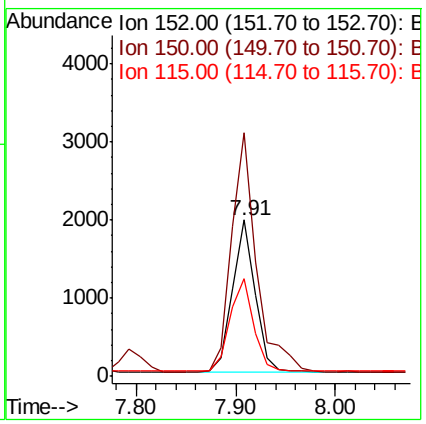


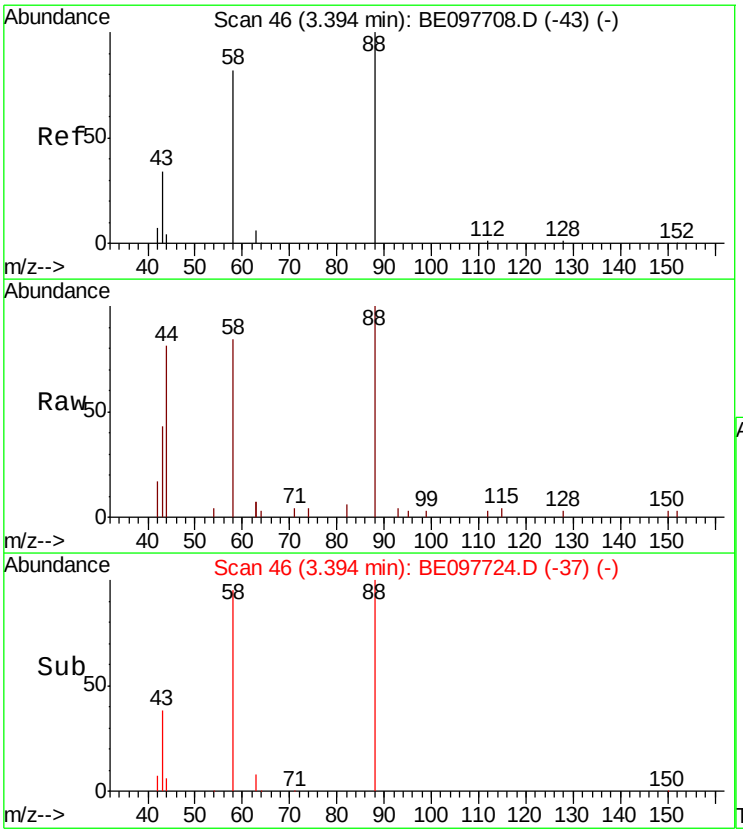
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 438
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3051

Ion	Ratio	Lower	Upper
152	100		
150	156.0	120.9	181.3
115	62.3	46.6	69.8

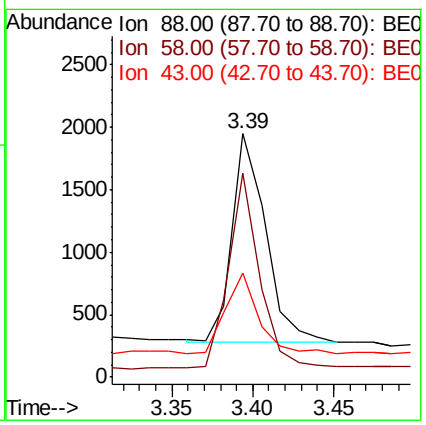


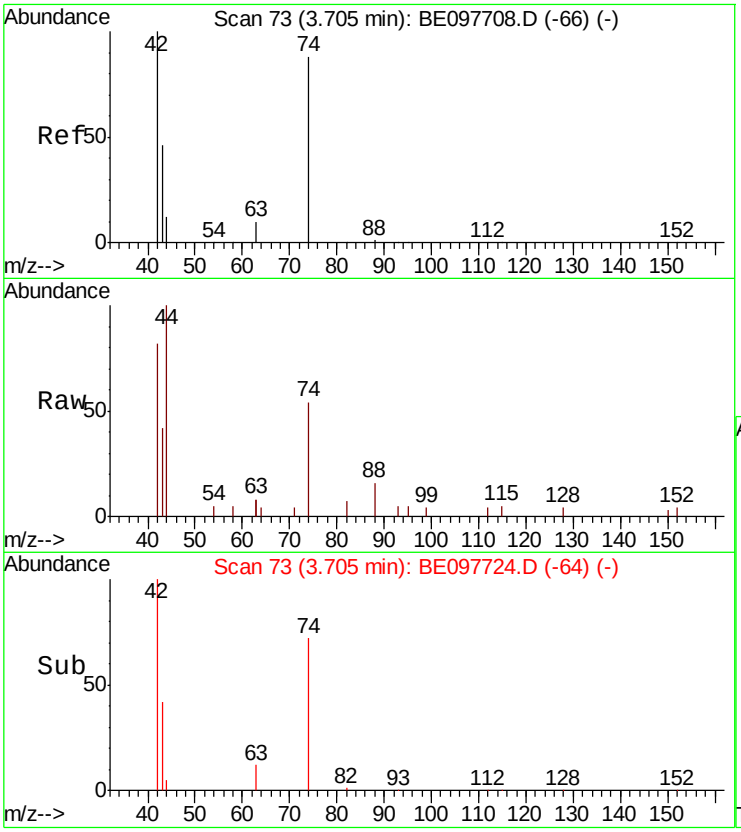


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion: 88 Resp: 2386

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.8	106.2
43	38.0	33.3	49.9



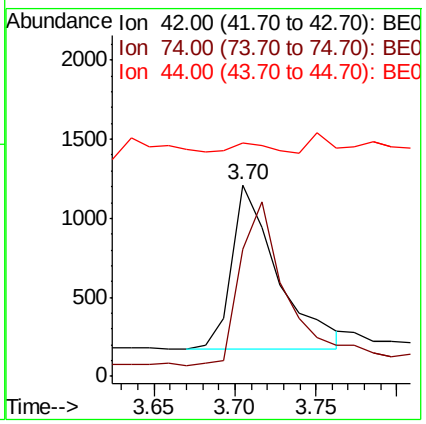


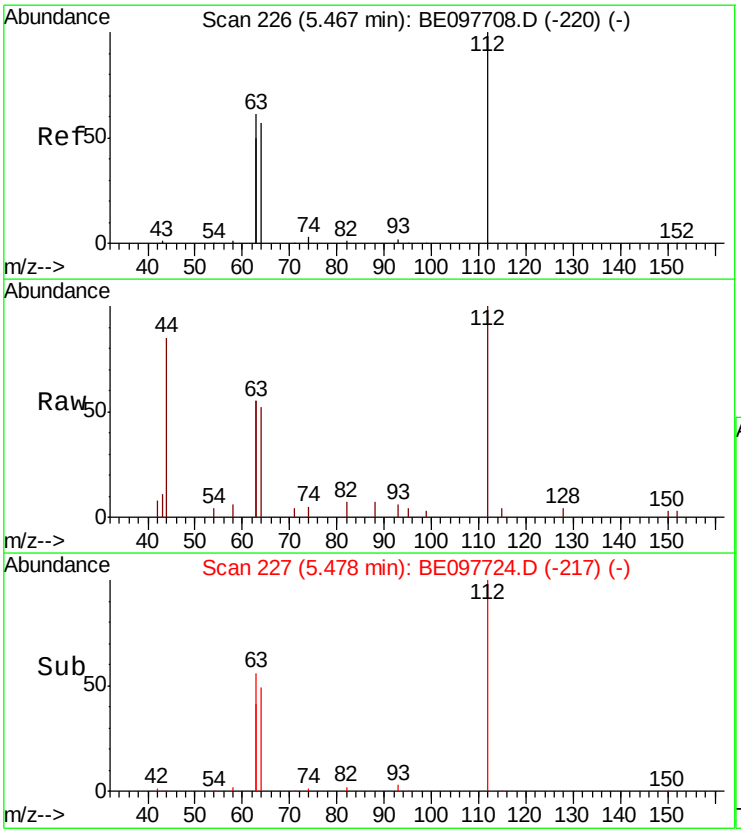
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 3.70 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2054

Ion	Ratio	Lower	Upper
42	100		
74	98.1	70.7	106.1
44	4.7	15.0	22.4#

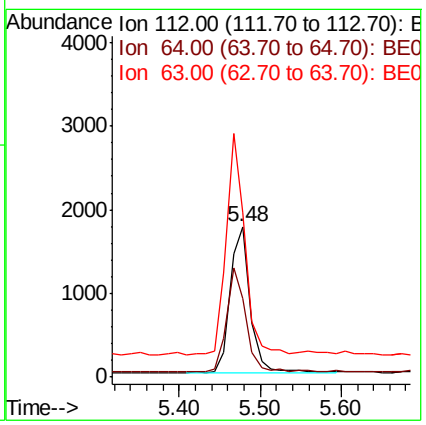


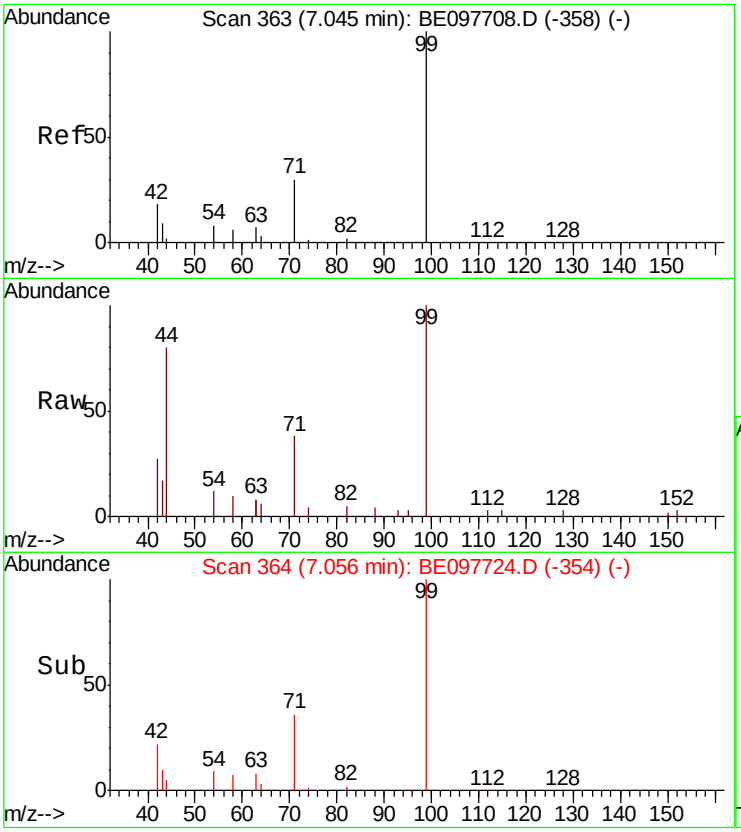


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.48 min Scan# 227
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:112 Resp: 2991

Ion	Ratio	Lower	Upper
112	100		
64	66.6	56.6	84.8
63	142.5	119.4	179.0



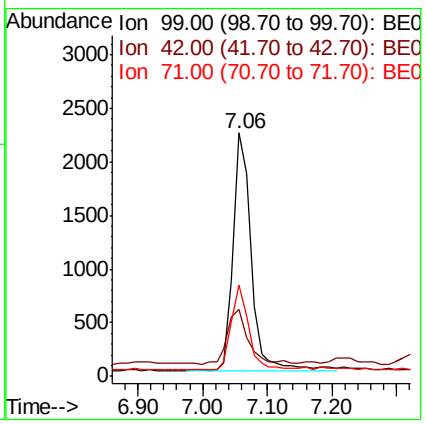


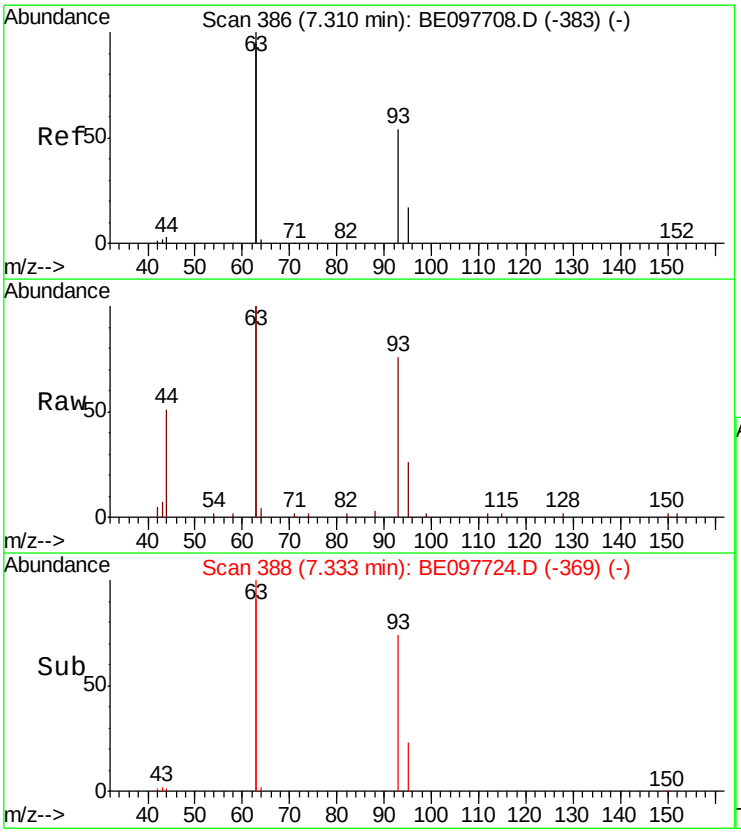
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4313

Ion	Ratio	Lower	Upper
99	100		
42	26.3	19.9	29.9
71	33.9	25.4	38.2

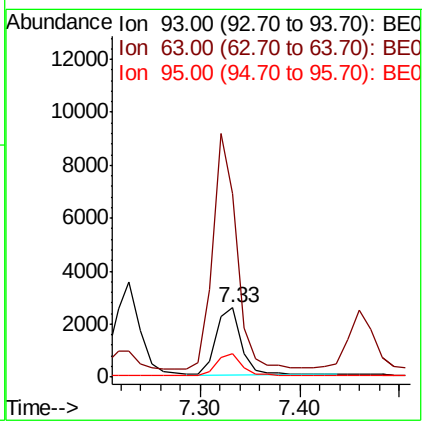


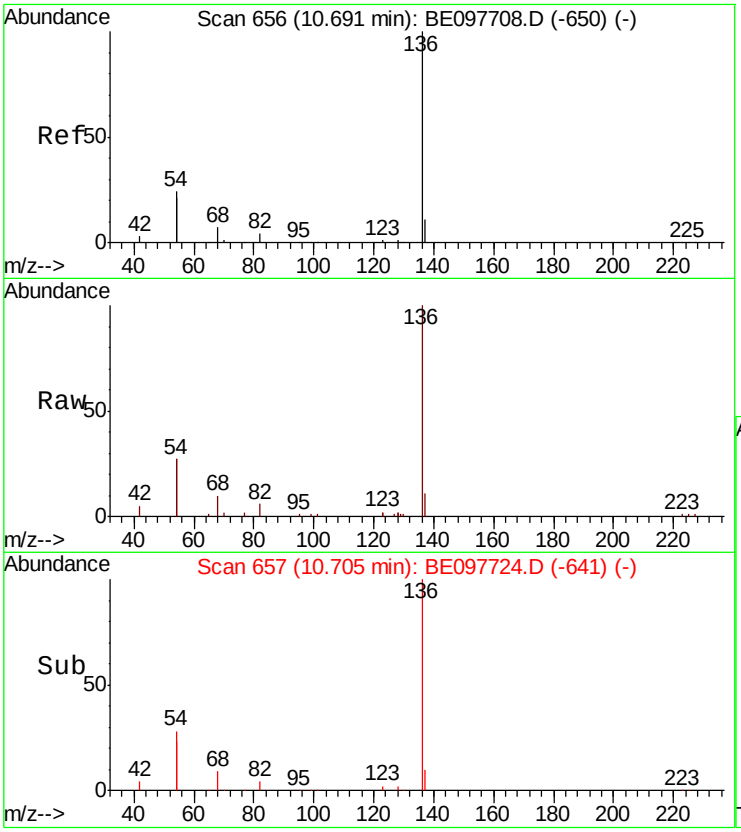


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.33 min Scan# 388
Delta R.T. 0.02 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion: 93 Resp: 4483

Ion	Ratio	Lower	Upper
93	100		
63	325.8	266.9	400.3
95	32.2	26.2	39.2



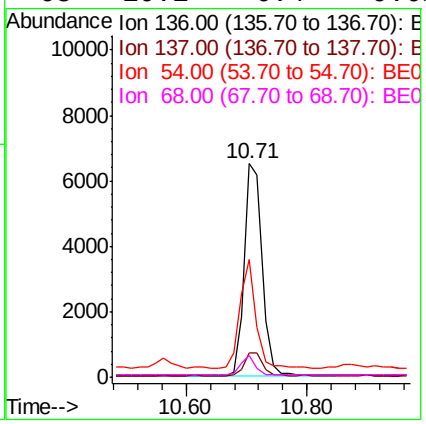


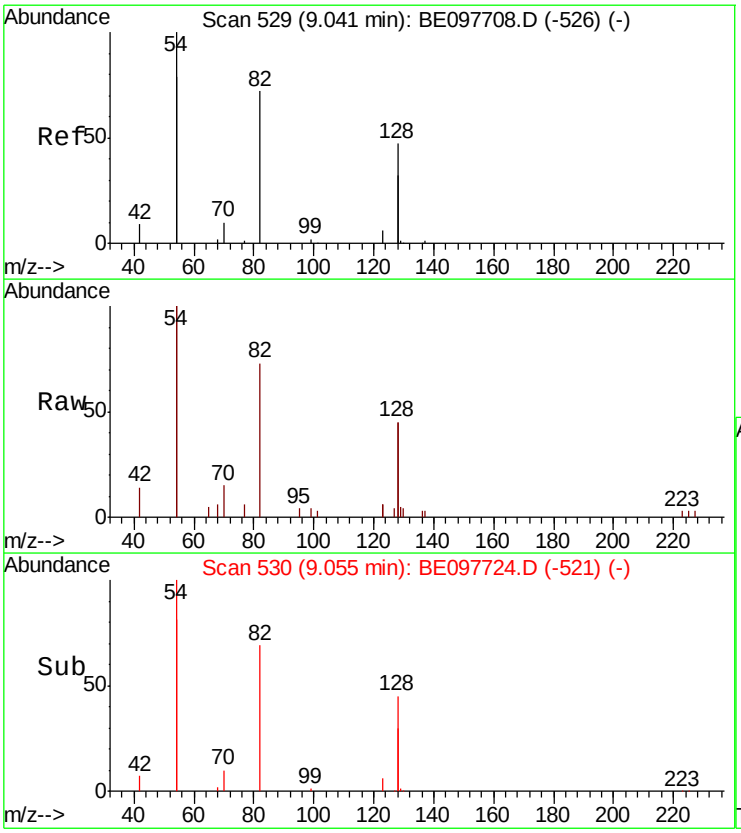
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13034

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	54.9	37.8	56.6
68	10.1	6.4	9.6#

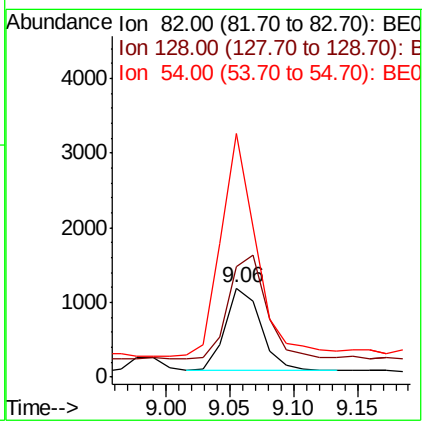


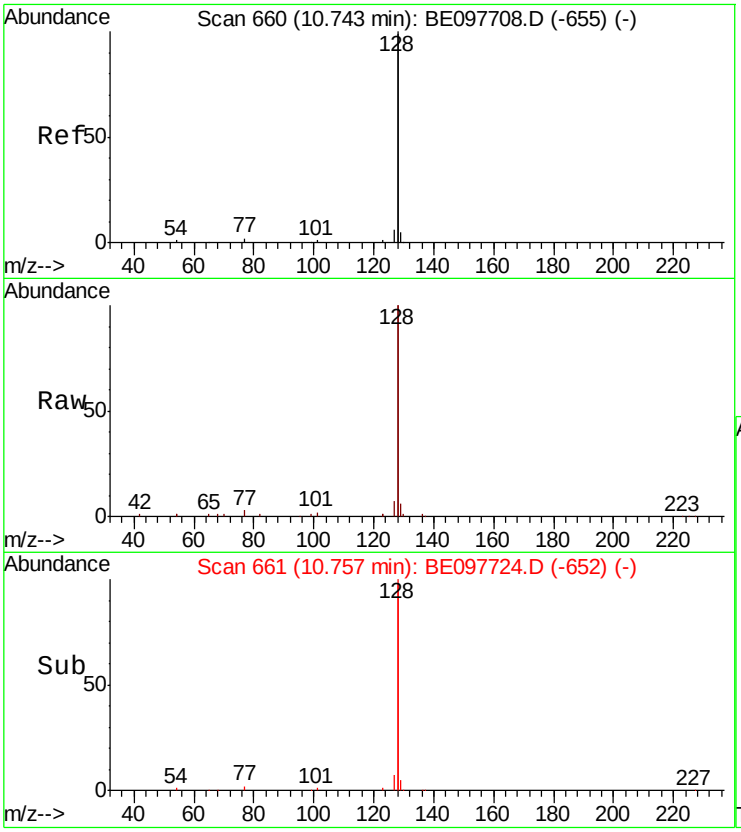


#8
Nitrobenzene-d5
Concen: 0.512 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion: 82 Resp: 2167

Ion	Ratio	Lower	Upper
82	100		
128	123.9	97.0	145.4
54	273.7	206.9	310.3



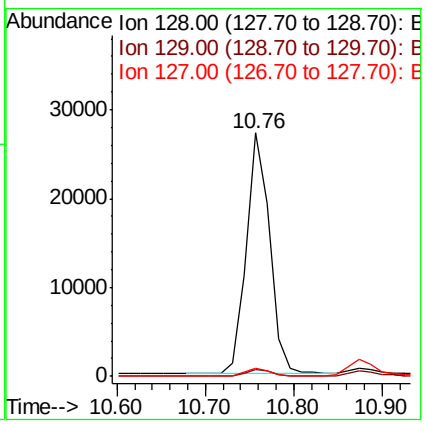


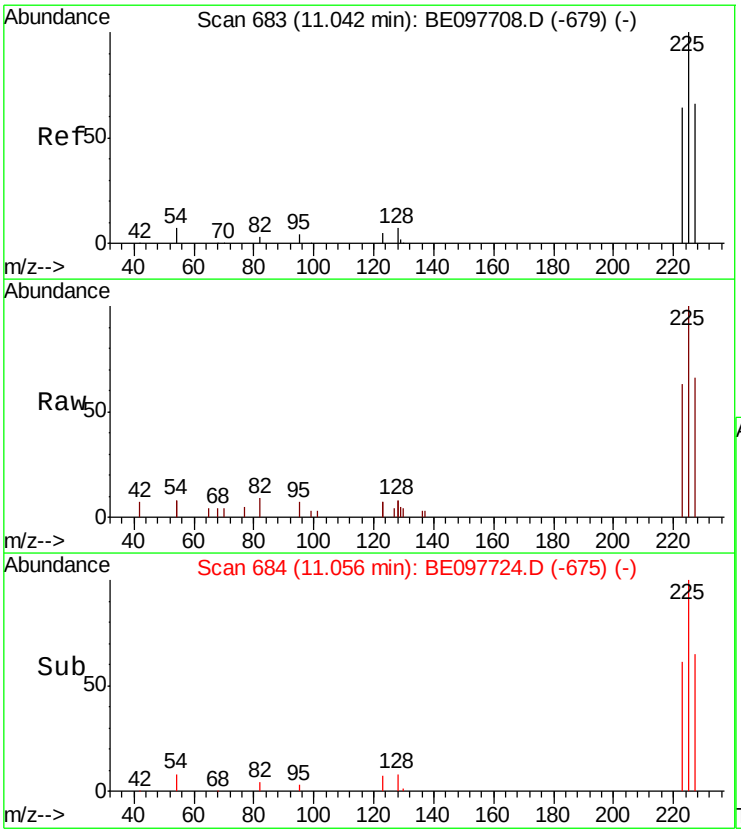
#9
Naphthalene
Concen: 0.379 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 49808

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.2
127	3.5	2.7	4.1

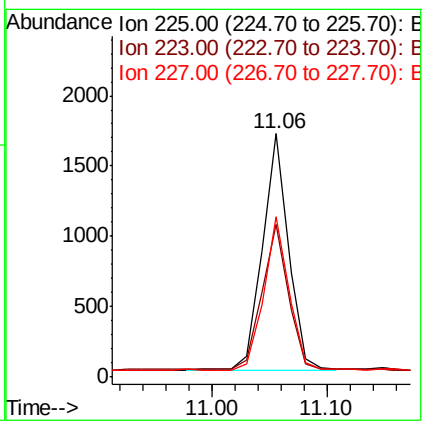


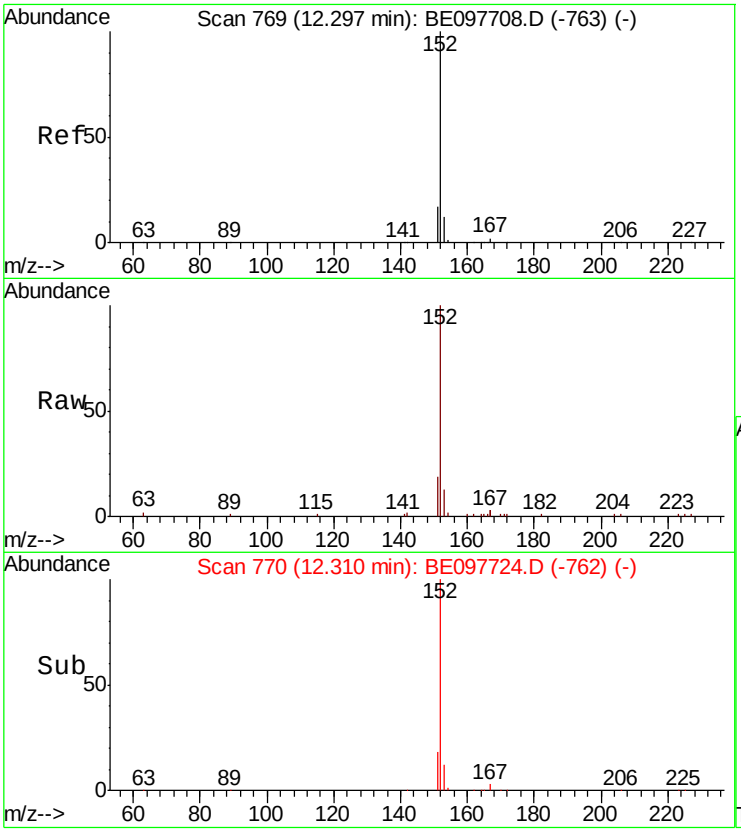


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 11.06 min Scan# 684
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:225 Resp: 2682

Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.2	78.4
227	62.3	51.2	76.8



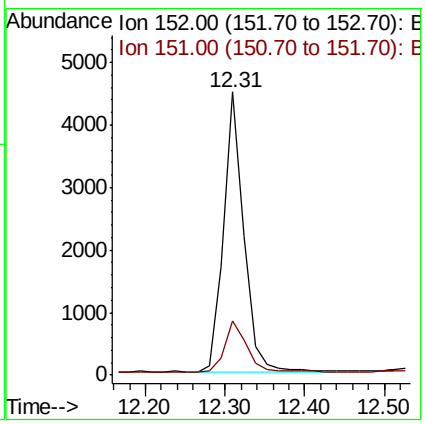


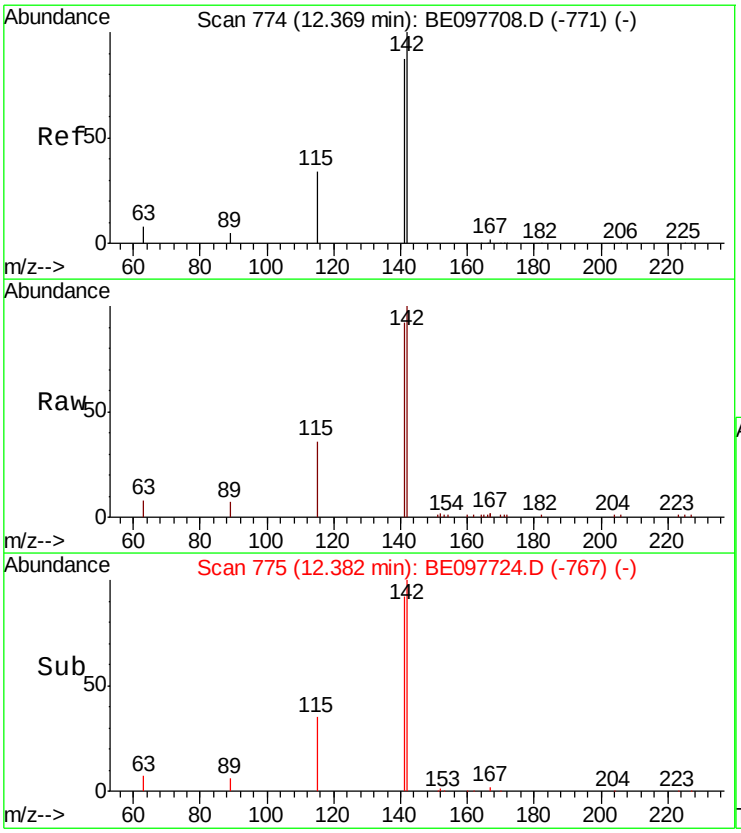
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7868

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2

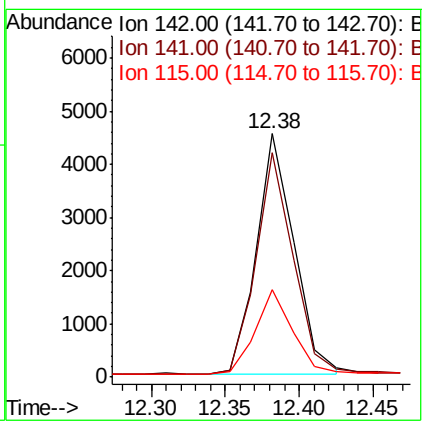


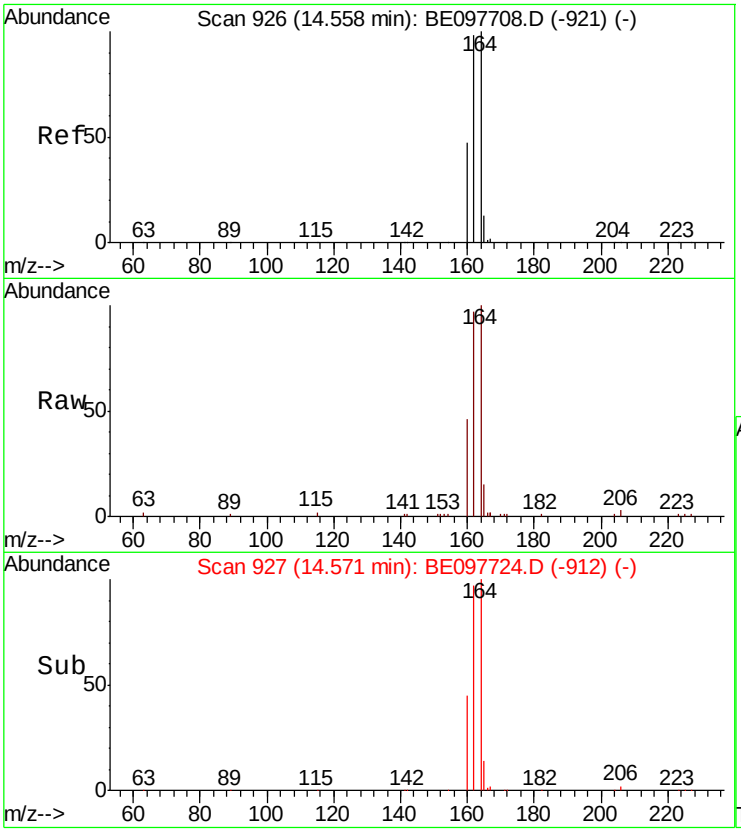


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.38 min Scan# 775
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:142 Resp: 7948

Ion	Ratio	Lower	Upper
142	100		
141	92.2	69.4	104.2
115	35.9	28.0	42.0



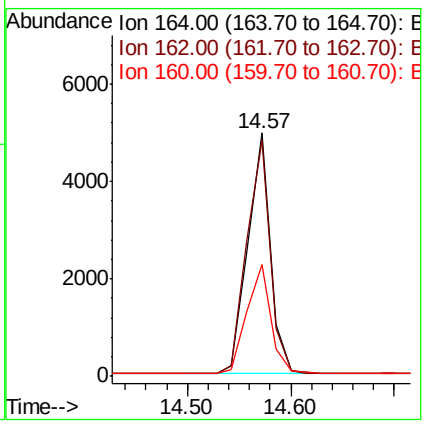


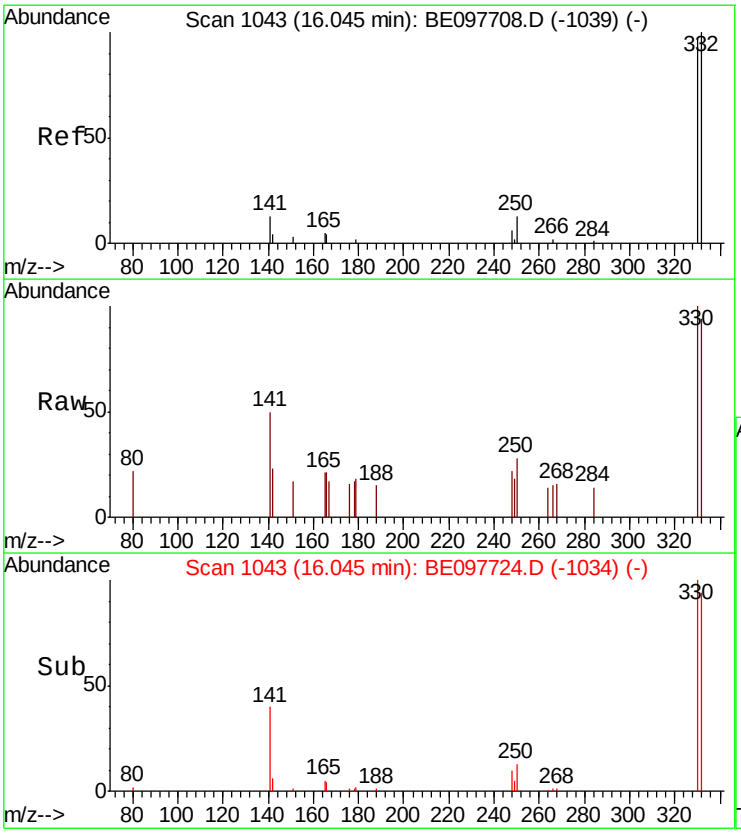
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7523

Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.6	117.8
160	46.0	37.8	56.6

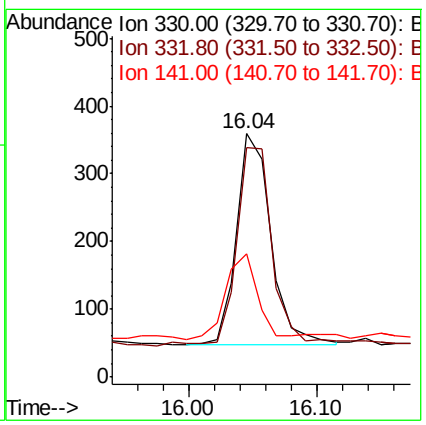


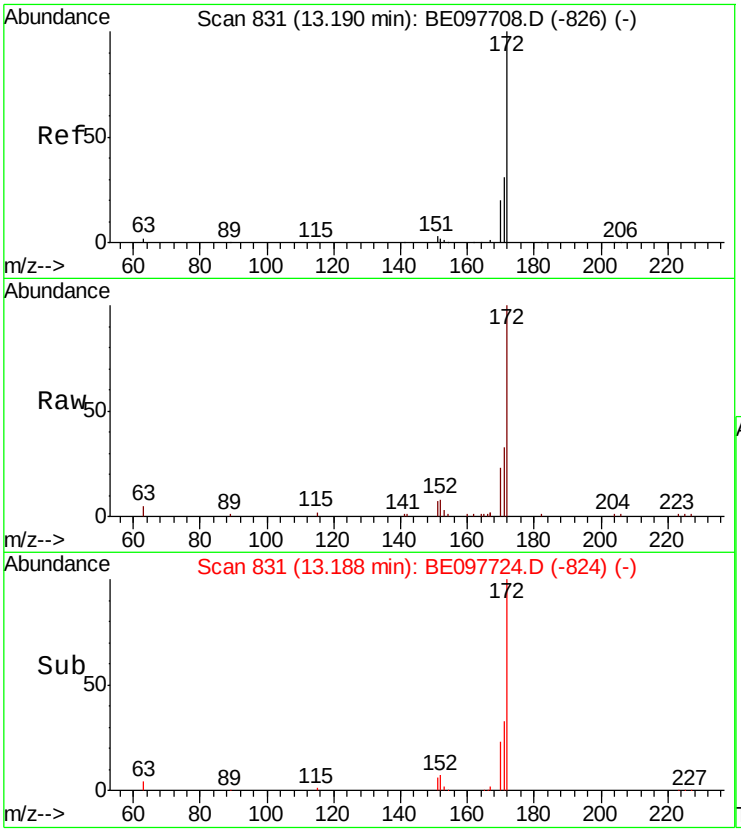


#14
2,4,6-Tribromophenol
Concen: 0.425 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:330 Resp: 579

Ion	Ratio	Lower	Upper
330	100		
332	95.3	83.5	125.3
141	38.0	34.9	52.3



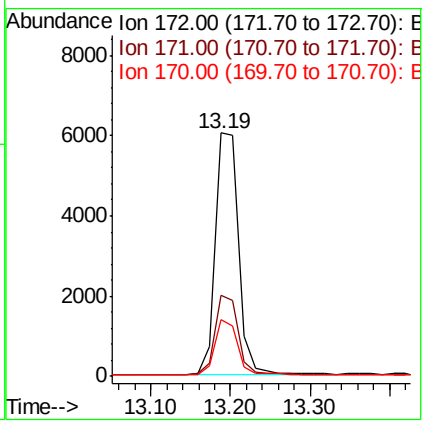


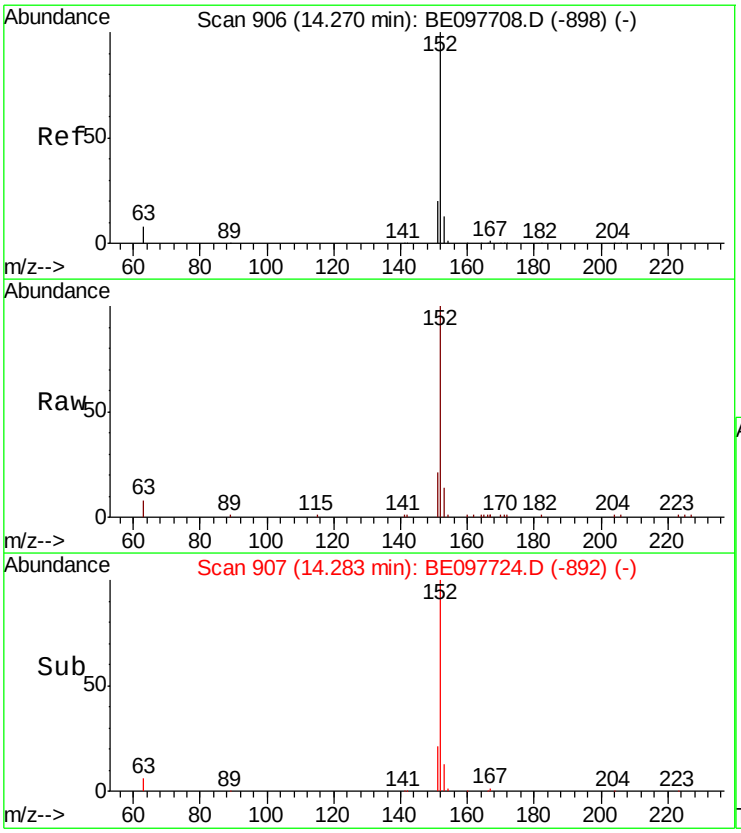
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12088

Ion	Ratio	Lower	Upper
172	100		
171	33.3	25.2	37.8
170	23.3	16.2	24.2

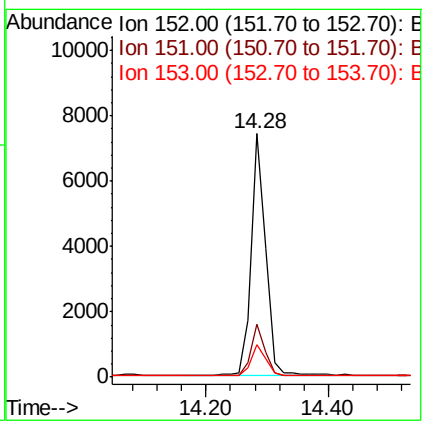


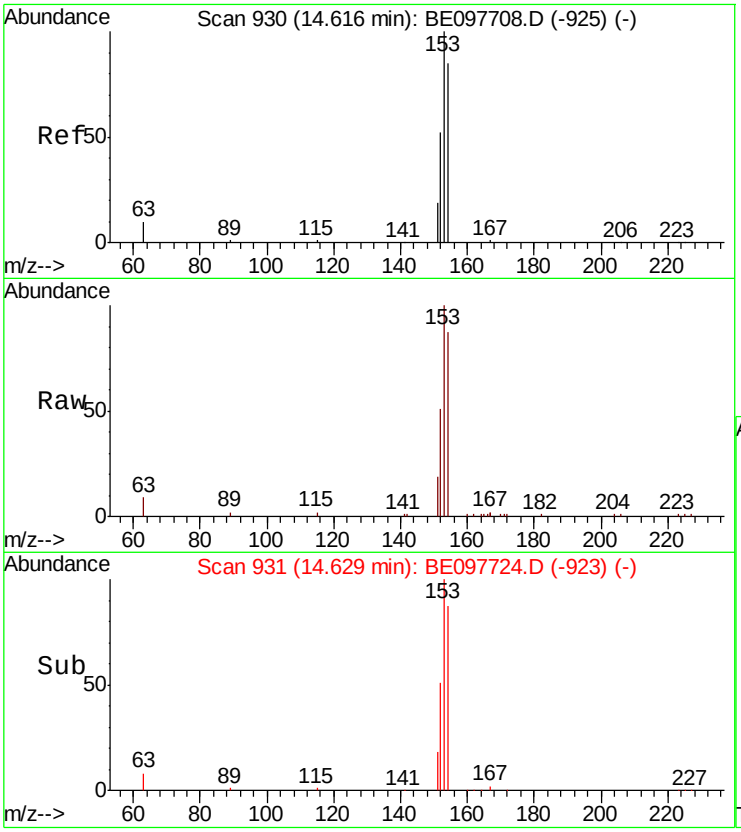


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:152 Resp: 11892

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.3	22.9
153	12.7	10.8	16.2



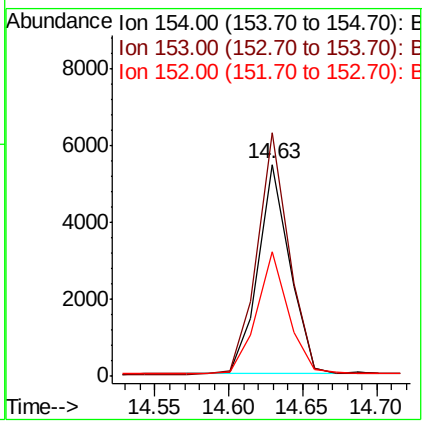


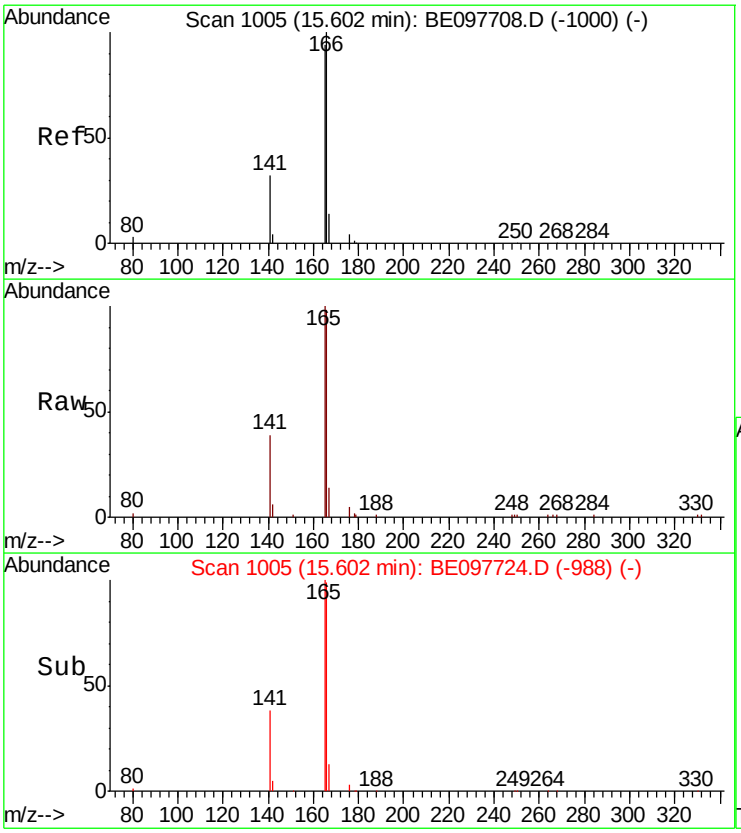
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.63 min Scan# 931
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8089

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.3	139.9
152	58.5	48.9	73.3

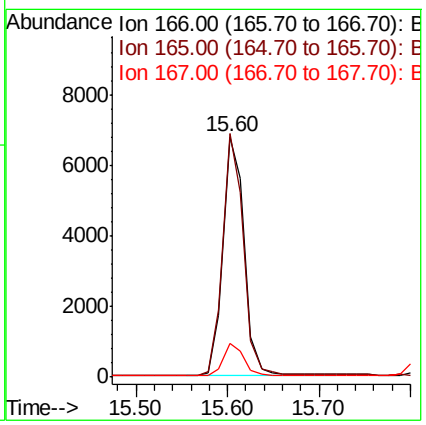


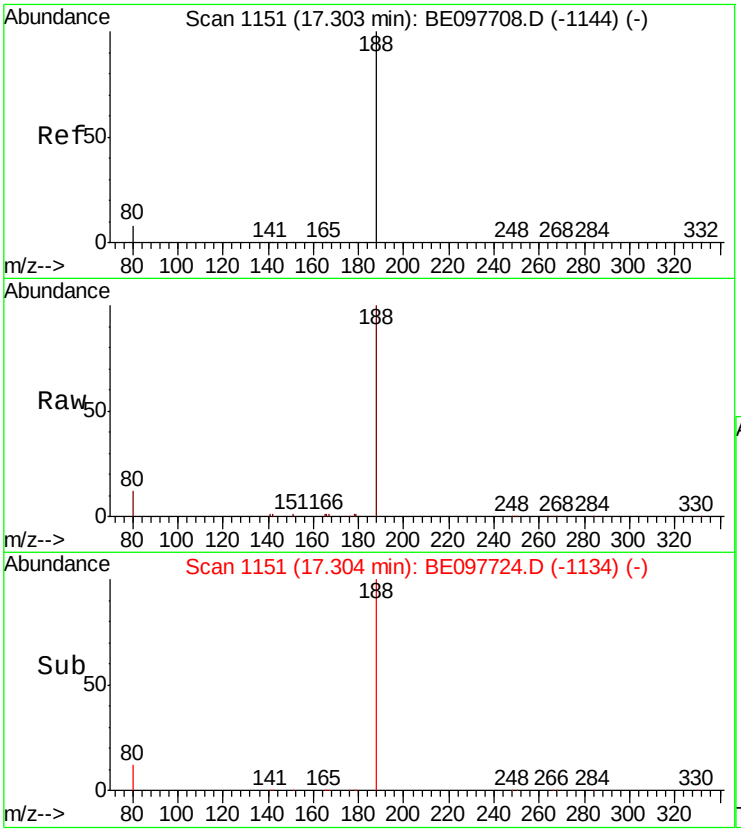


#18
Fluorene
Concen: 0.383 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:166 Resp: 10843

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	12.9	11.1	16.7



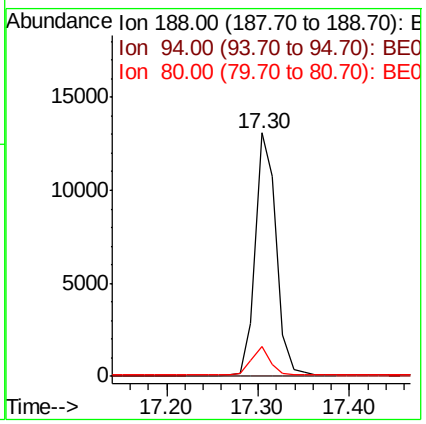


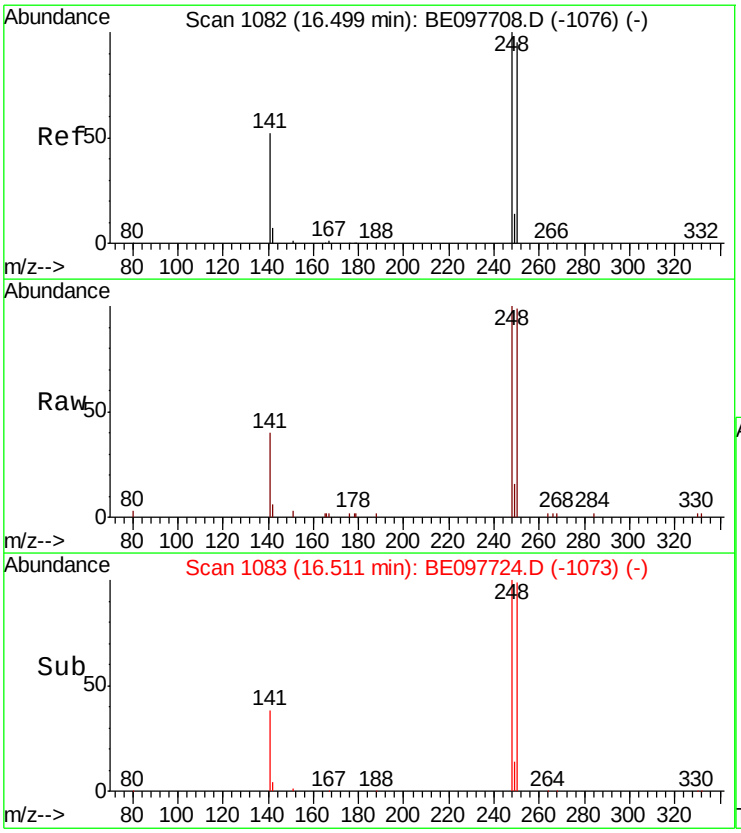
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20644

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	6.6	9.8#

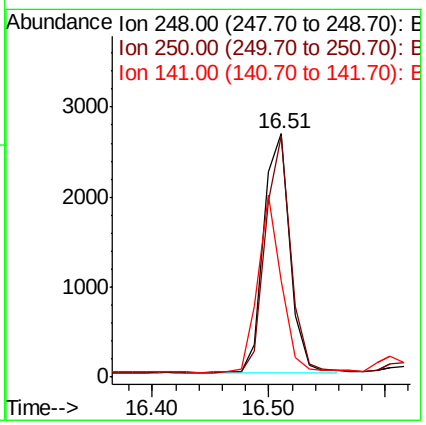


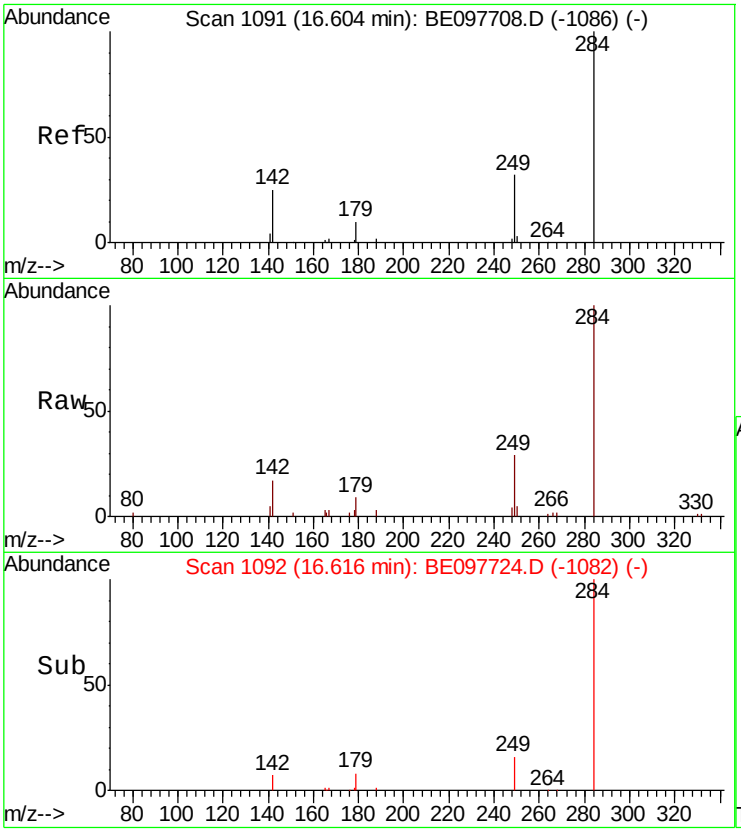


#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.51 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:248 Resp: 4201

Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.1	114.1
141	39.7	42.2	63.4#



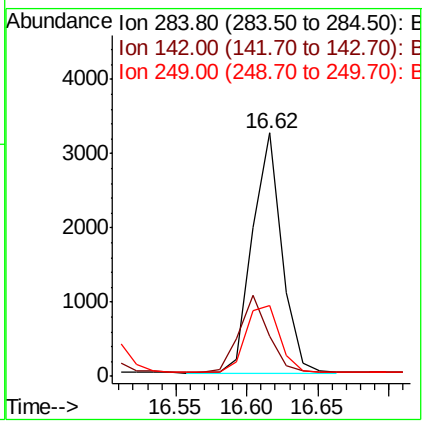


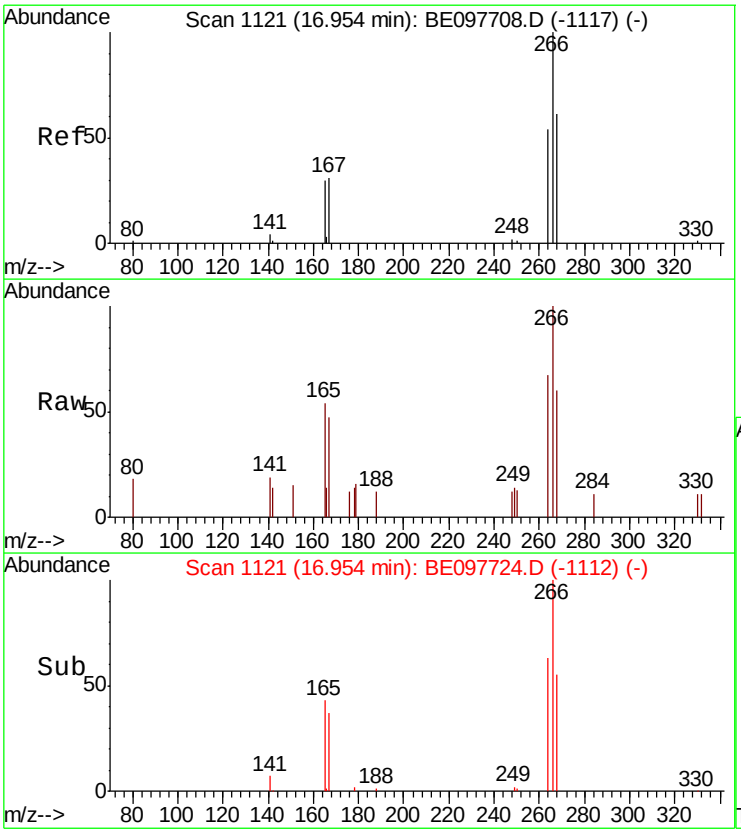
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.62 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4637

Ion	Ratio	Lower	Upper
284	100		
142	32.8	24.9	37.3
249	31.7	25.8	38.8

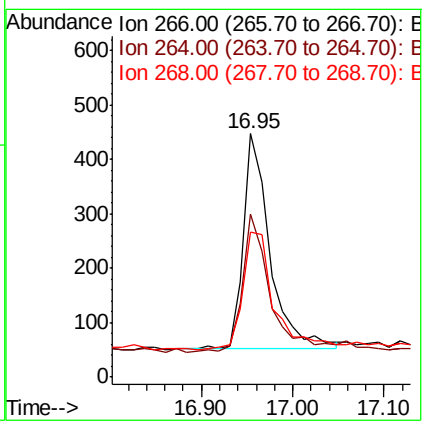


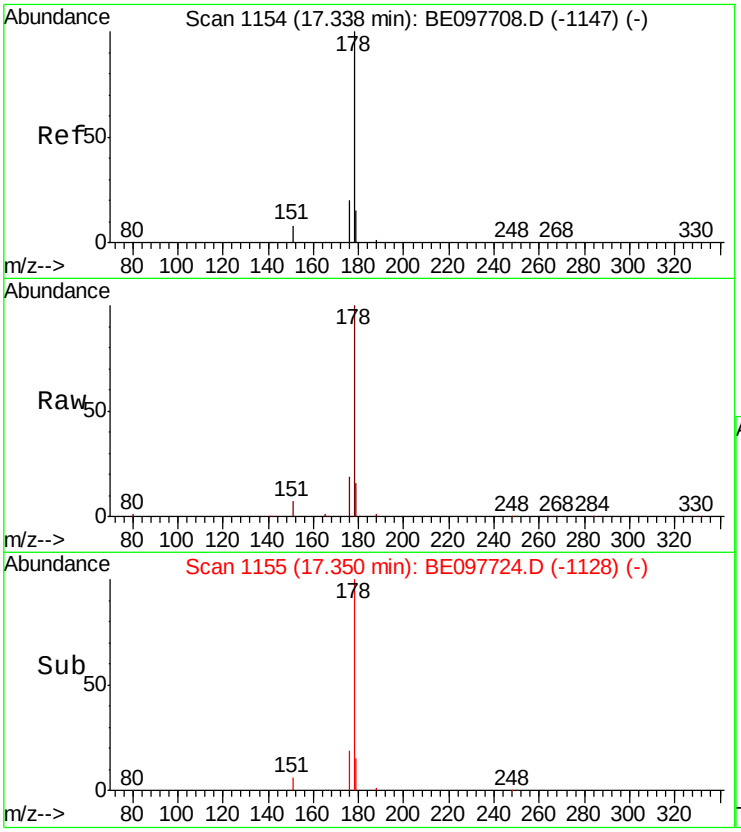


#22
Pentachlorophenol
Concen: 0.408 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:266 Resp: 780

Ion	Ratio	Lower	Upper
266	100		
264	66.9	46.8	70.2
268	59.7	53.0	79.6



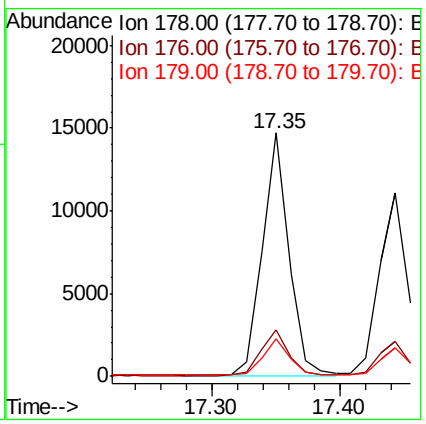


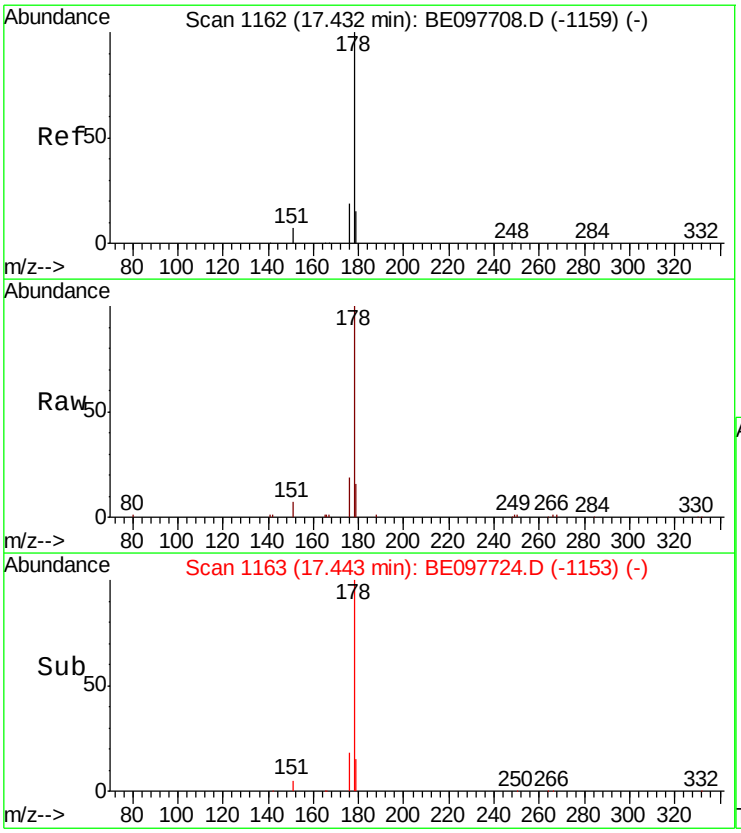
#23
Phenanthrene
Concen: 0.398 ng
RT: 17.35 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 21155

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.2	18.4

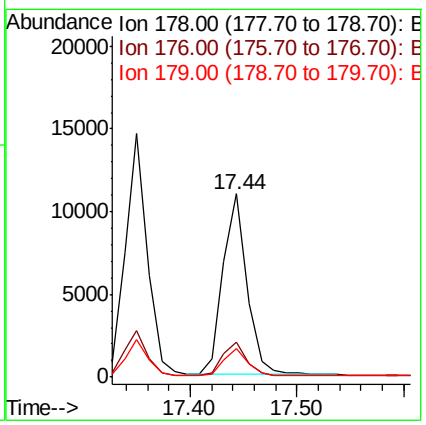


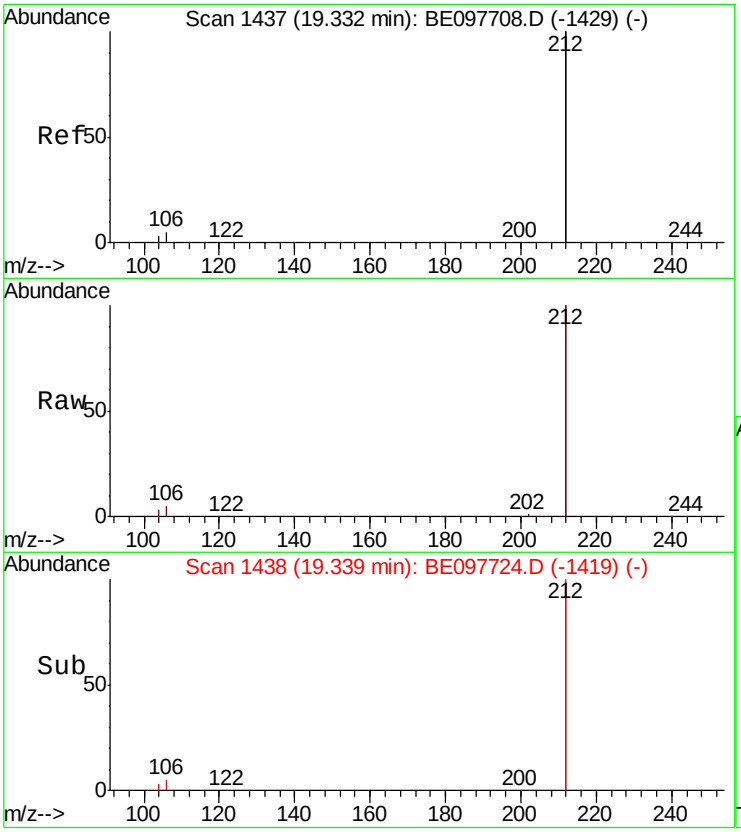


#24
Anthracene
Concen: 0.374 ng
RT: 17.44 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:178 Resp: 17167

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.2	12.2	18.2



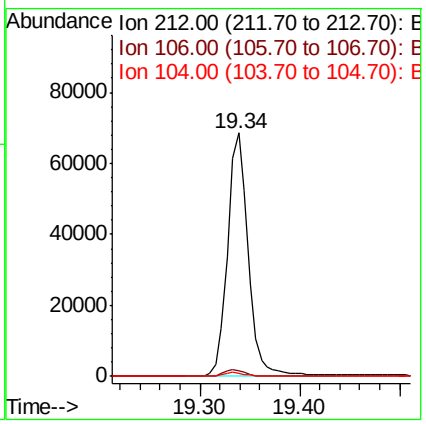


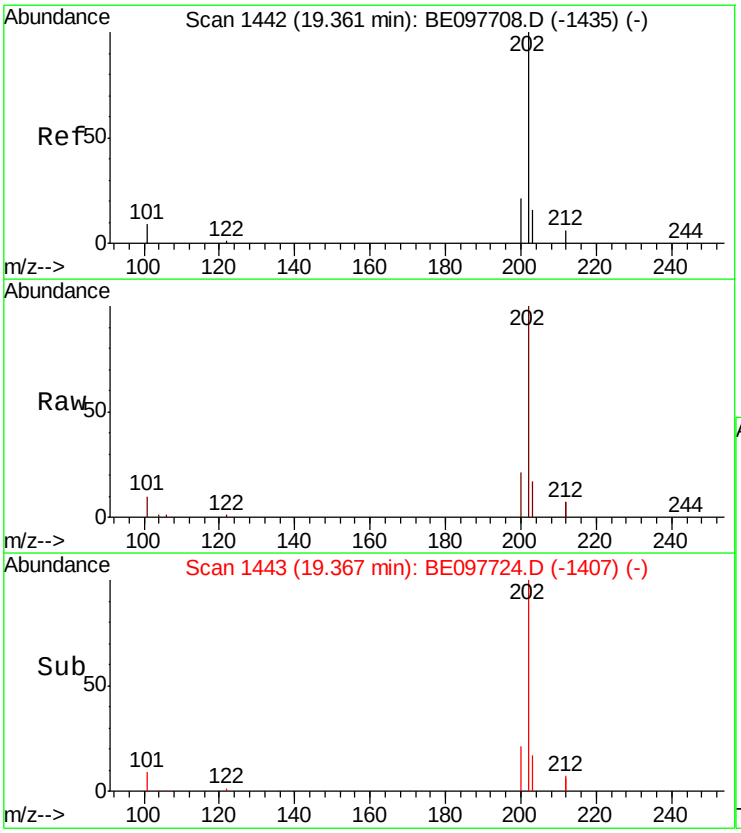
#25
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 97606

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.7	1.2	1.8

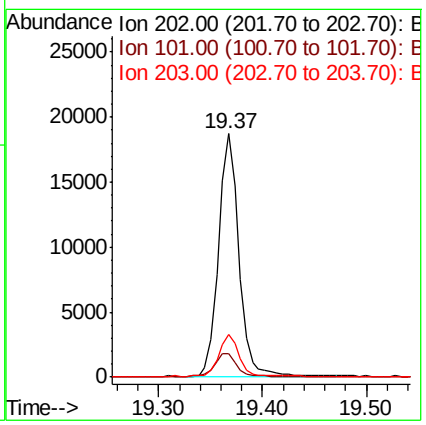


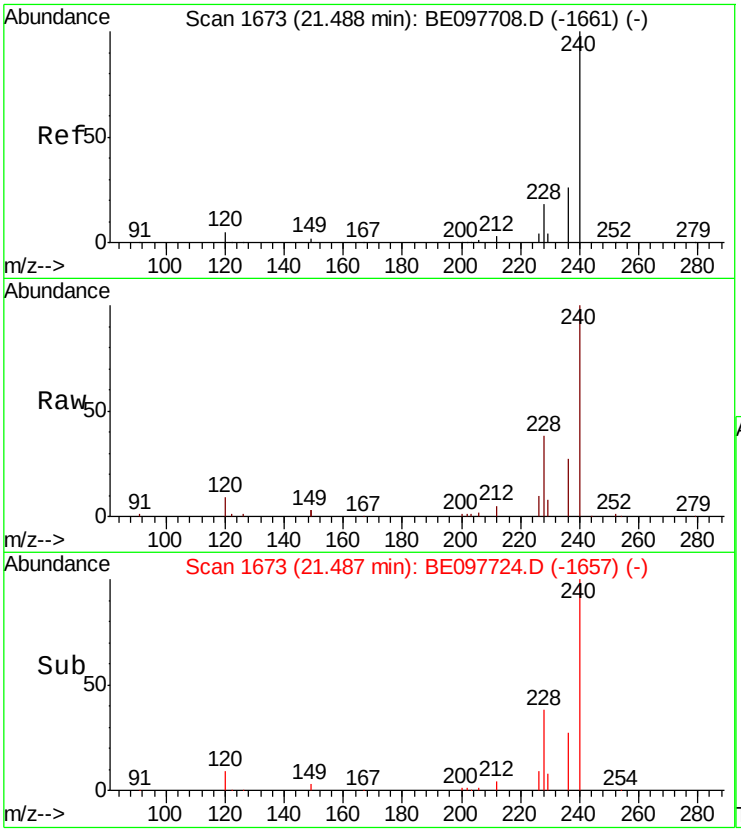


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.37 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:202 Resp: 25297

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.8
203	16.8	13.8	20.6



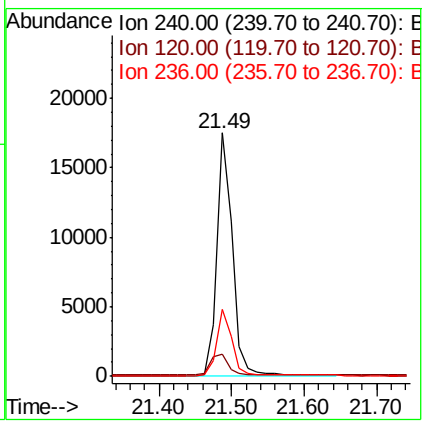


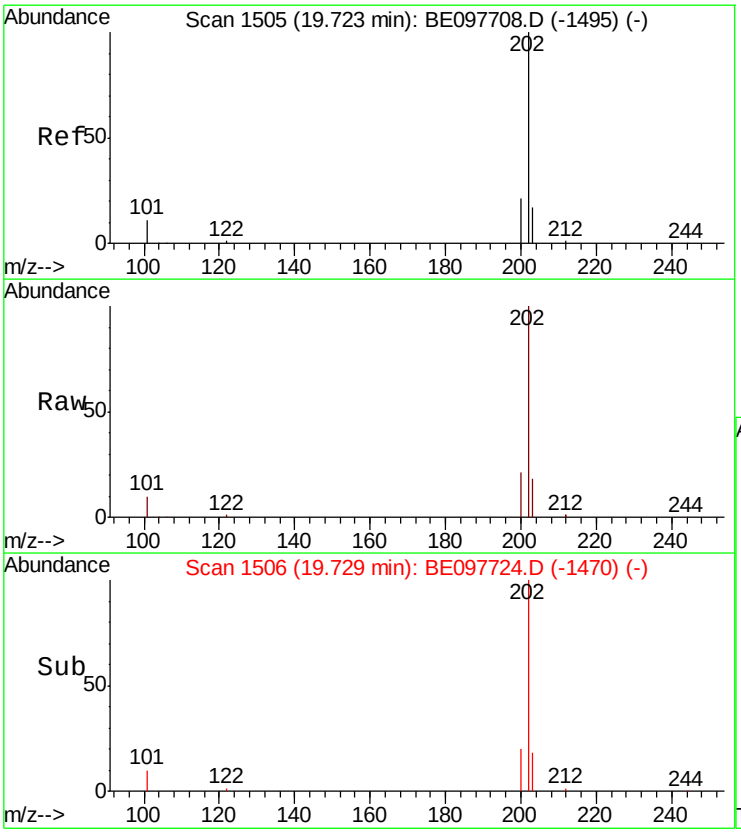
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 26211

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.7	7.1#
236	27.3	20.8	31.2

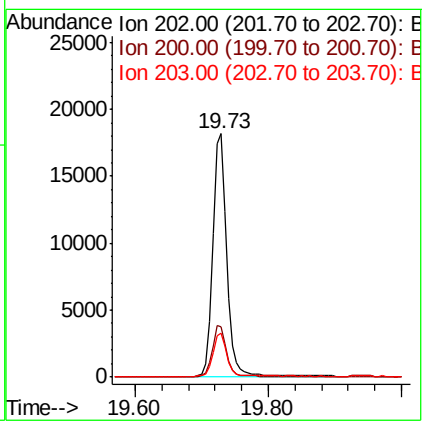


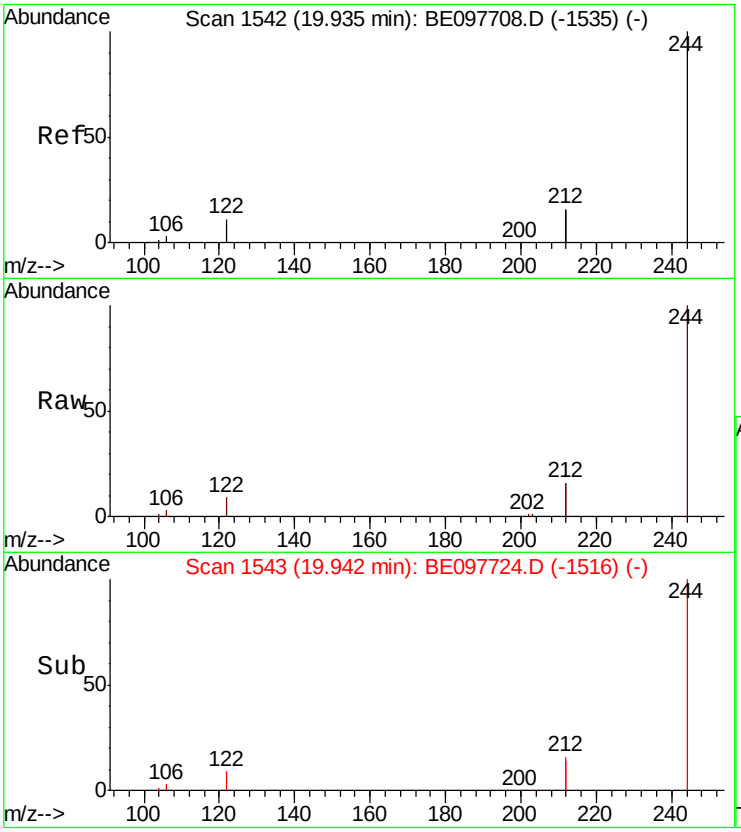


#28
Pyrene
Concen: 0.389 ng
RT: 19.73 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:202 Resp: 25919

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	13.9	20.9



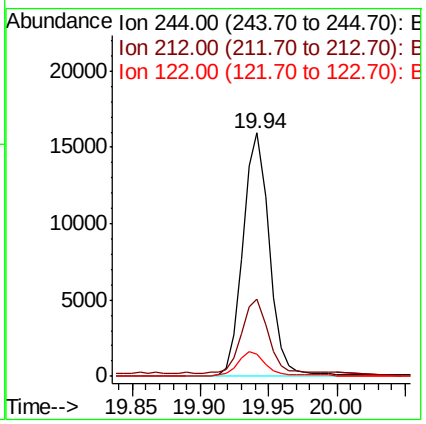


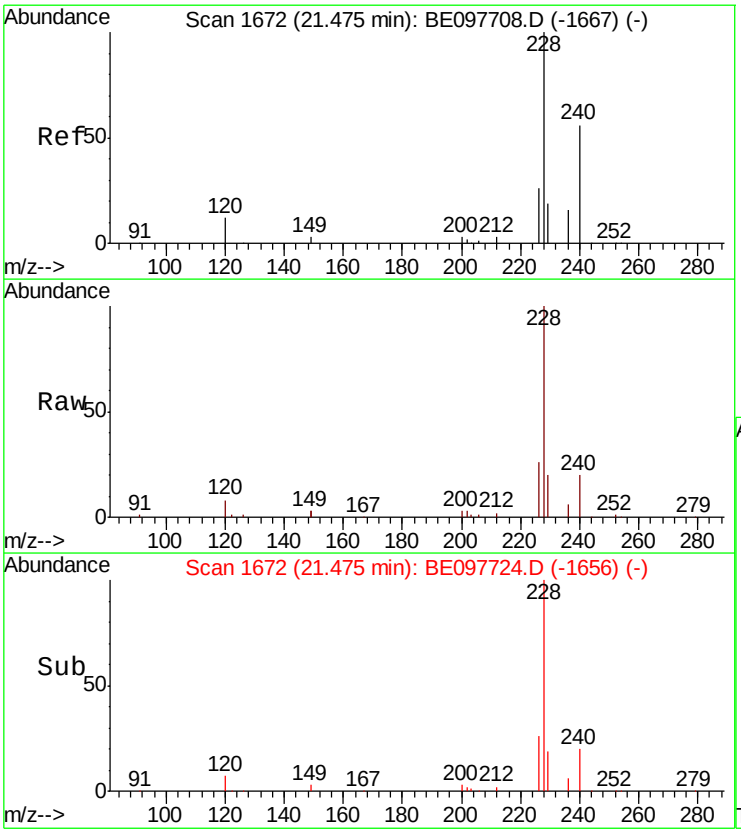
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.94 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 20971

Ion	Ratio	Lower	Upper
244	100		
212	31.5	25.8	38.8
122	9.4	8.7	13.1

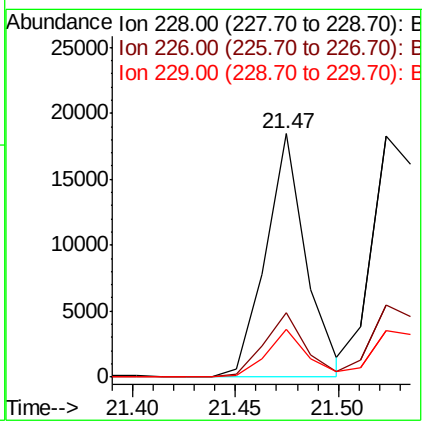


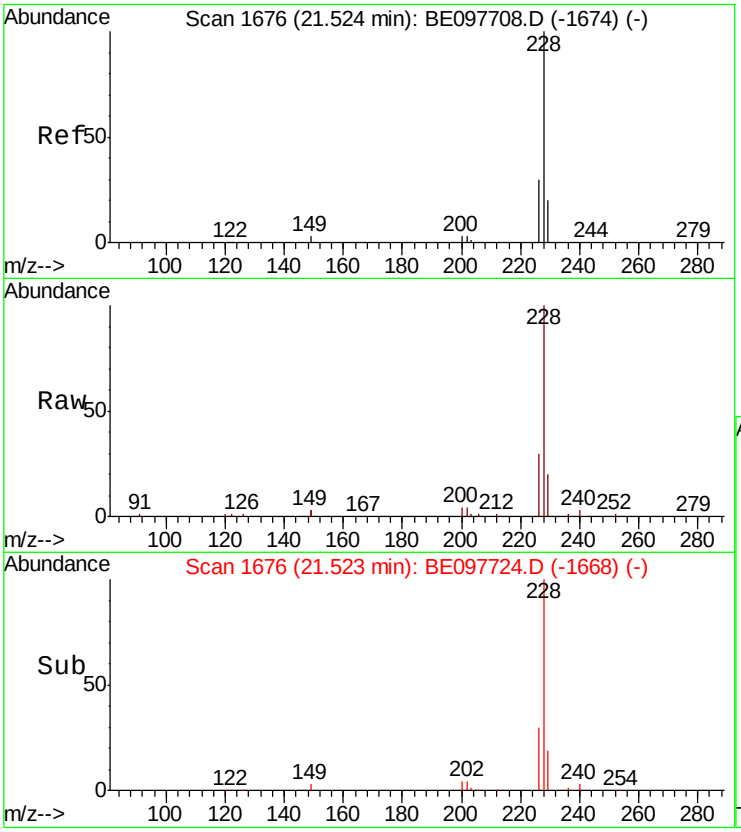


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:228 Resp: 25191

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.7	31.1
229	19.6	15.7	23.5



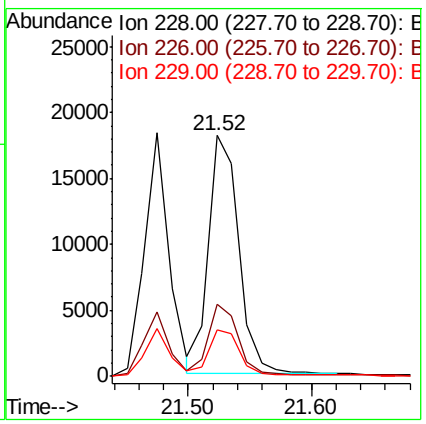


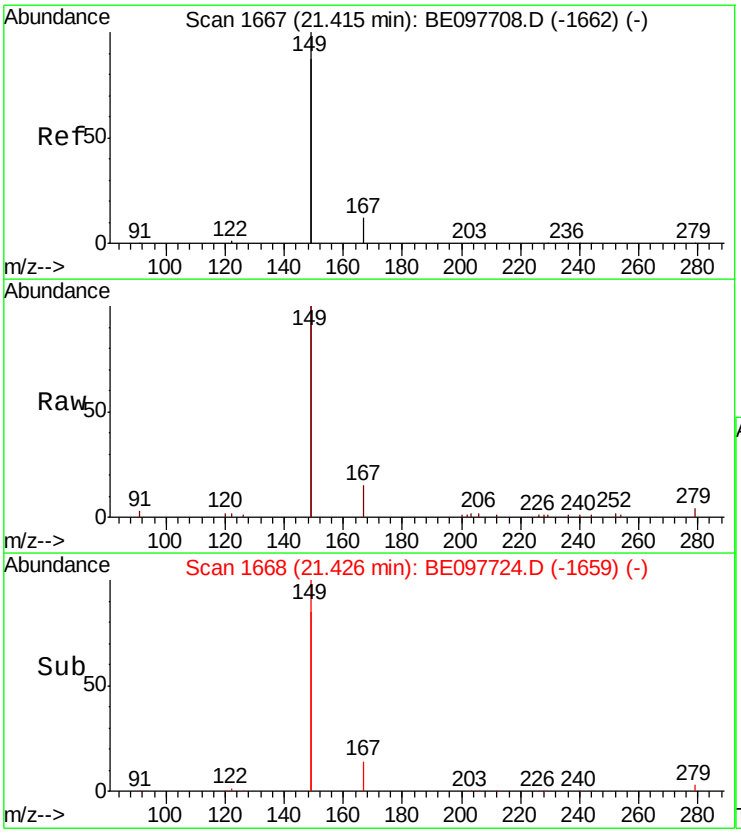
#31
Chrysene
Concen: 0.394 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 31064

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.5	16.0	24.0

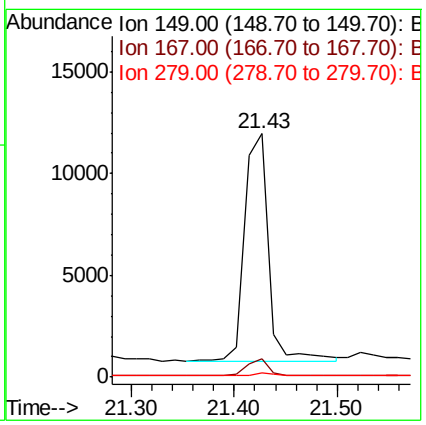


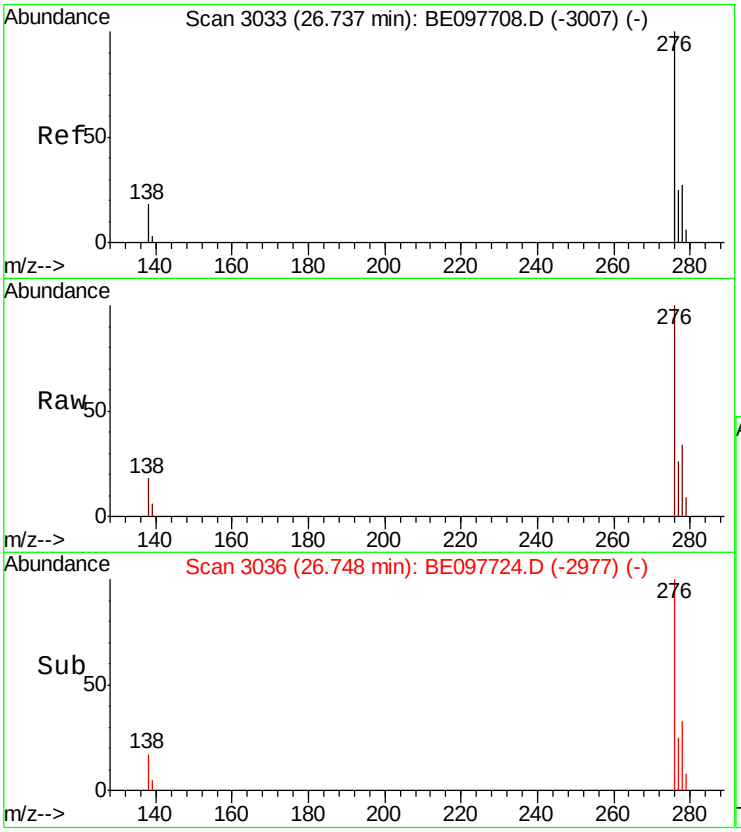


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:149 Resp: 17883

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.2	0.9	1.3



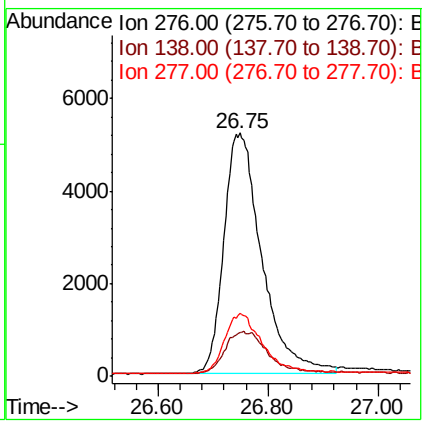


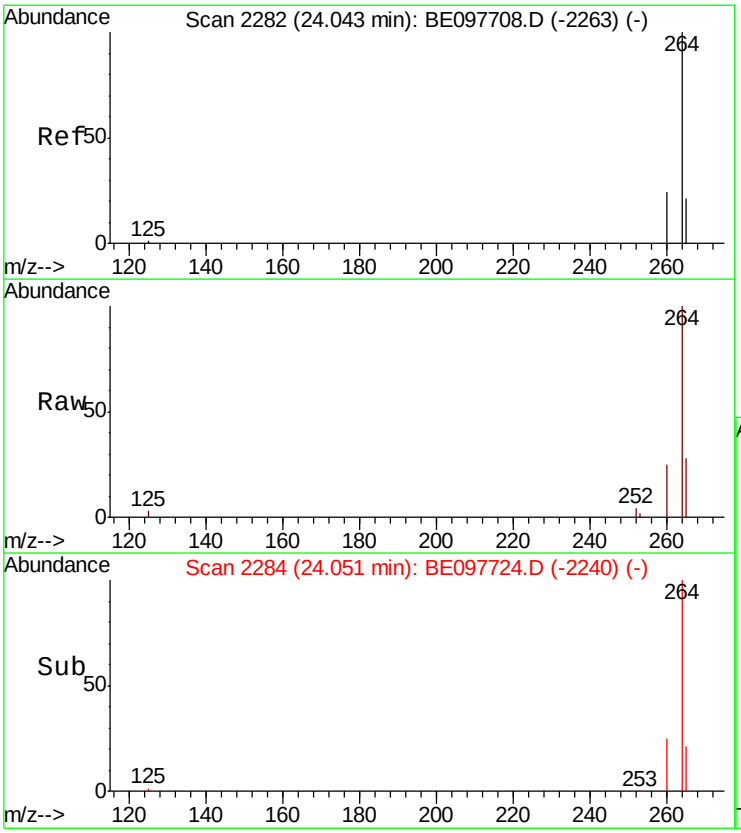
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng
RT: 26.75 min Scan# 3036
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 24853

Ion	Ratio	Lower	Upper
276	100		
138	10.1	15.0	22.6#
277	24.8	19.2	28.8

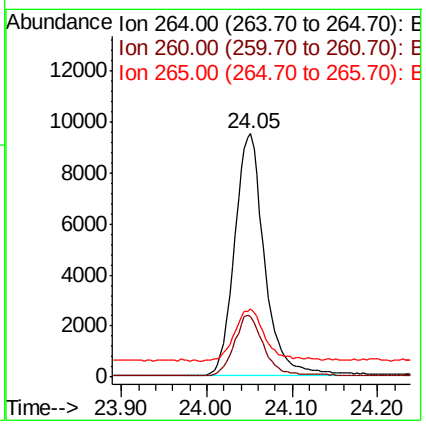


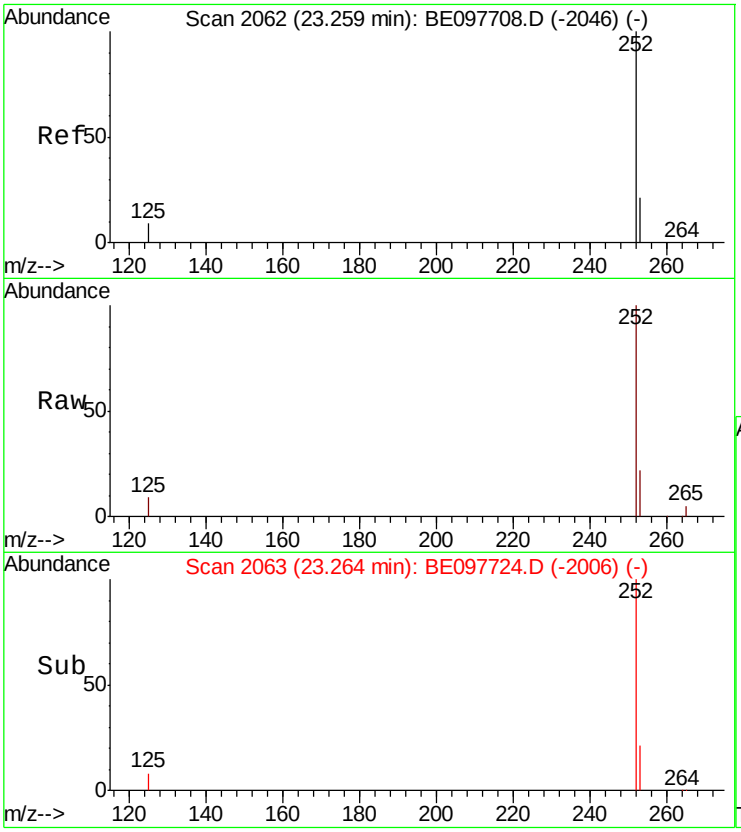


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.05 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:264 Resp: 23046

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	28.1	21.9	32.9



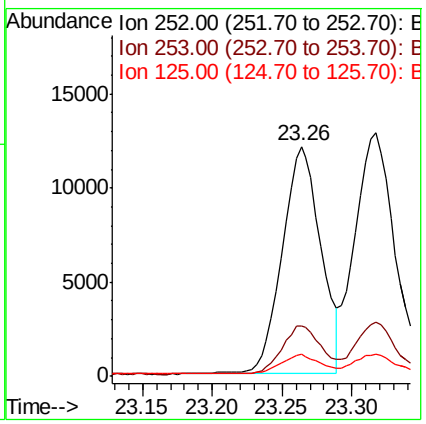


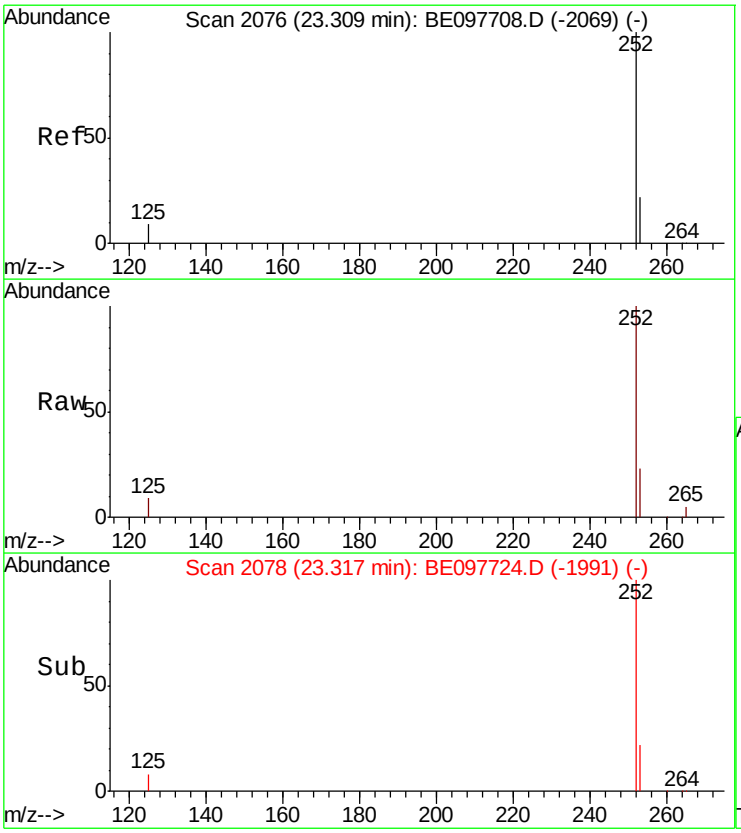
#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.26 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23318

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.4	7.8	11.8

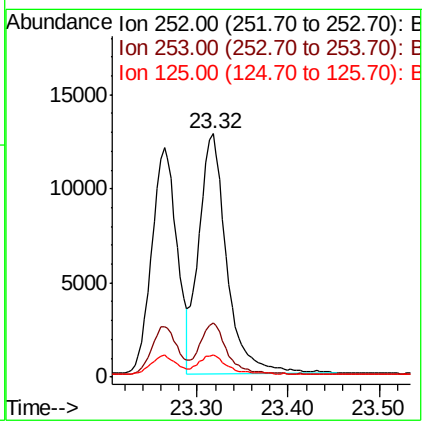


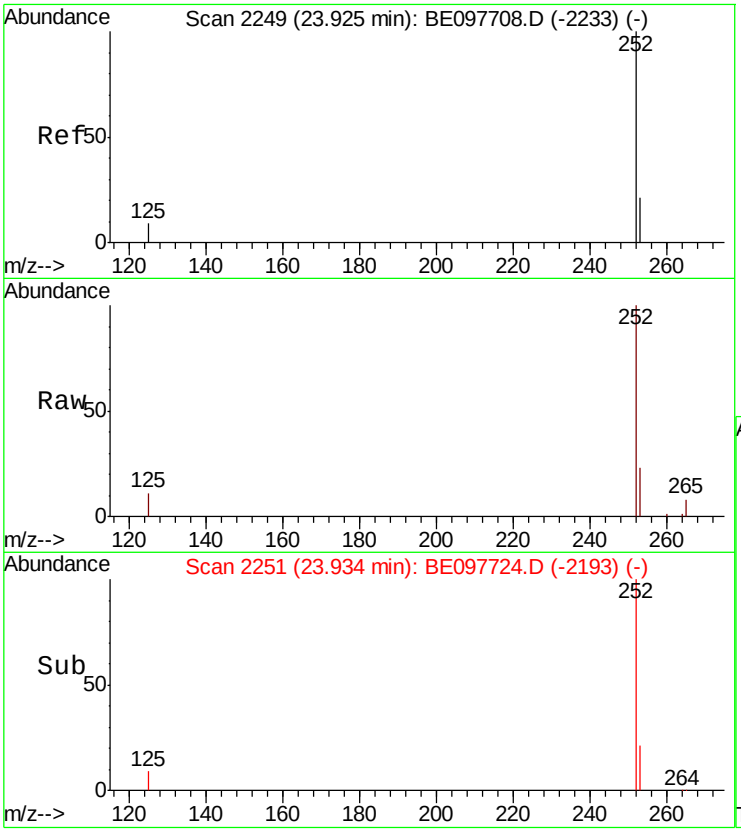


#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.32 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:252 Resp: 26900

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.3	7.5	11.3



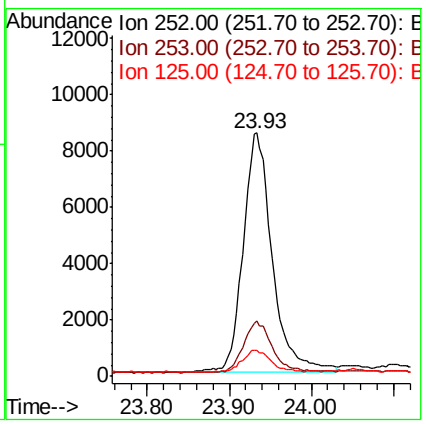


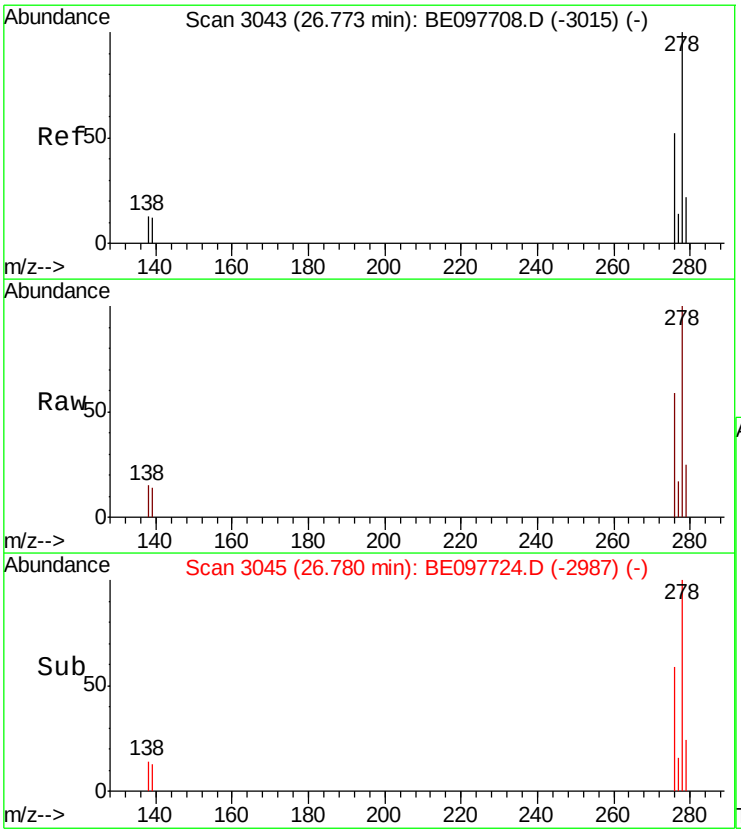
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.93 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20889

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	11.0	8.3	12.5

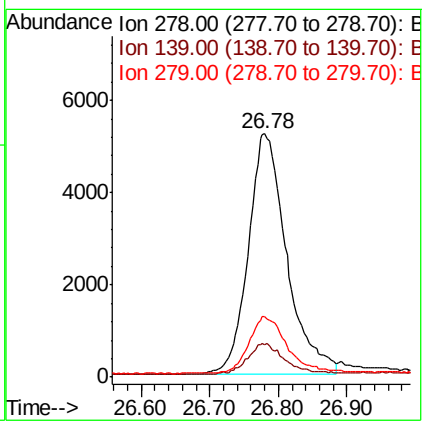


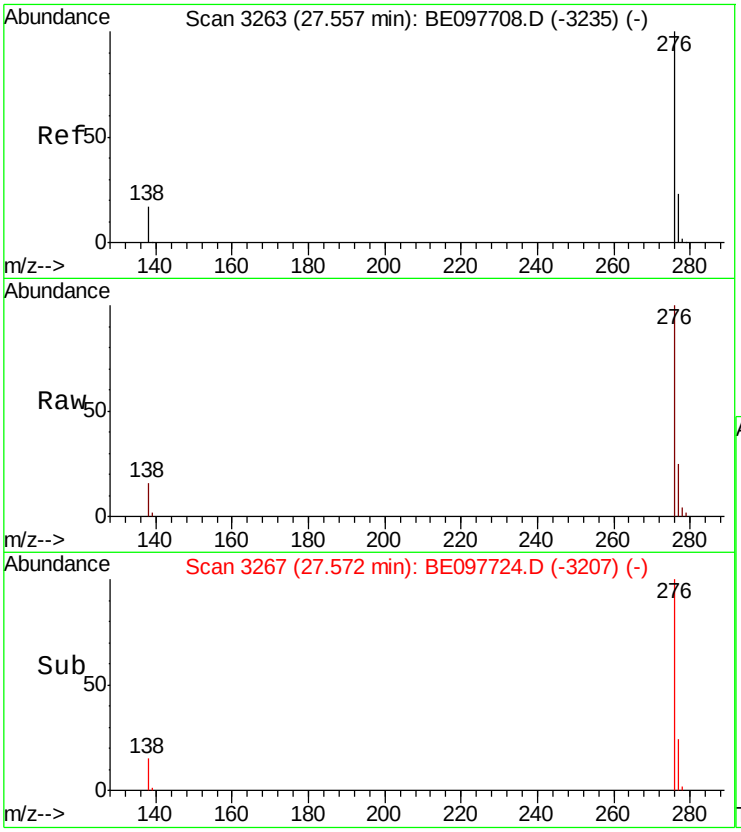


#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.78 min Scan# 3045
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:278 Resp: 20419

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.3	15.5
279	25.1	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 27.57 min Scan# 3267
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22145

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.1	28.7
138	16.0	14.2	21.2