Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
Data File : BE097275.D
Acq On : 15 Aug 2018 11:44
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 15 13:06:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 13:00:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1069	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5586	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3082	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	6947	0.40	ng		0.00
27) Chrysene-d12	20.98	240	6437	0.40	ng		0.00
34) Perylene-d12	23.22	264	6009	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1306	0.51	ng		0.00
5) Phenol-d6	6.61	99	1915	0.49	ng		0.00
8) Nitrobenzene-d5	8.52	82	1915	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3094	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	366	0.47	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	4442	0.39	ng		0.00
25) Fluoranthene-d10	18.81	212	25274	0.42	ng		0.00
29) Terphenyl-d14	19.43	244	4699	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	460	0.301	ng		98
3) n-Nitrosodimethylamine	3.38	42	455	0.264	ng	#	80
6) bis(2-Chloroethyl)ether	6.84	93	1497	0.391	ng		92
9) Naphthalene	10.20	128	19745	0.395	ng		100
10) Hexachlorobutadiene	10.48	225	890	0.440	ng		97
12) 2-Methylnaphthalene	11.80	142	3255	0.384	ng		99
16) Acenaphthylene	13.73	152	5544	0.394	ng		99
17) Acenaphthene	14.07	154	3212	0.367	ng	#	93
18) Fluorene	15.07	166	3894	0.396	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	1396	0.425	ng		87
21) Hexachlorobenzene	16.08	284	1612	0.442	ng	#	84
22) Pentachlorophenol	16.45	266	275	0.459	ng		83
23) Phenanthrene	16.81	178	6466	0.389	ng		99
24) Anthracene	16.90	178	5639	0.390	ng		95
26) Fluoranthene	18.84	202	6835	0.390	ng		98
28) Pyrene	19.21	202	6756	0.356	ng		100
30) Benzo(a)anthracene	20.97	228	6312	0.412	ng		96
31) Chrysene	21.02	228	6429	0.374	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7760	0.507	ng		100
33) Indeno(1,2,3-cd)pyrene	25.53	276	7003	0.559	ng	#	91
35) Benzo(b)fluoranthene	22.54	252	5712	0.372	ng	#	91
36) Benzo(k)fluoranthene	22.59	252	7067	0.387	ng		93
37) Benzo(a)pyrene	23.12	252	5808	0.423	ng	#	92
38) Dibenzo(a,h)anthracene	25.55	278	5590	0.499	ng		96
39) Benzo(g,h,i)perylene	26.23	276	5685	0.456	ng	#	90

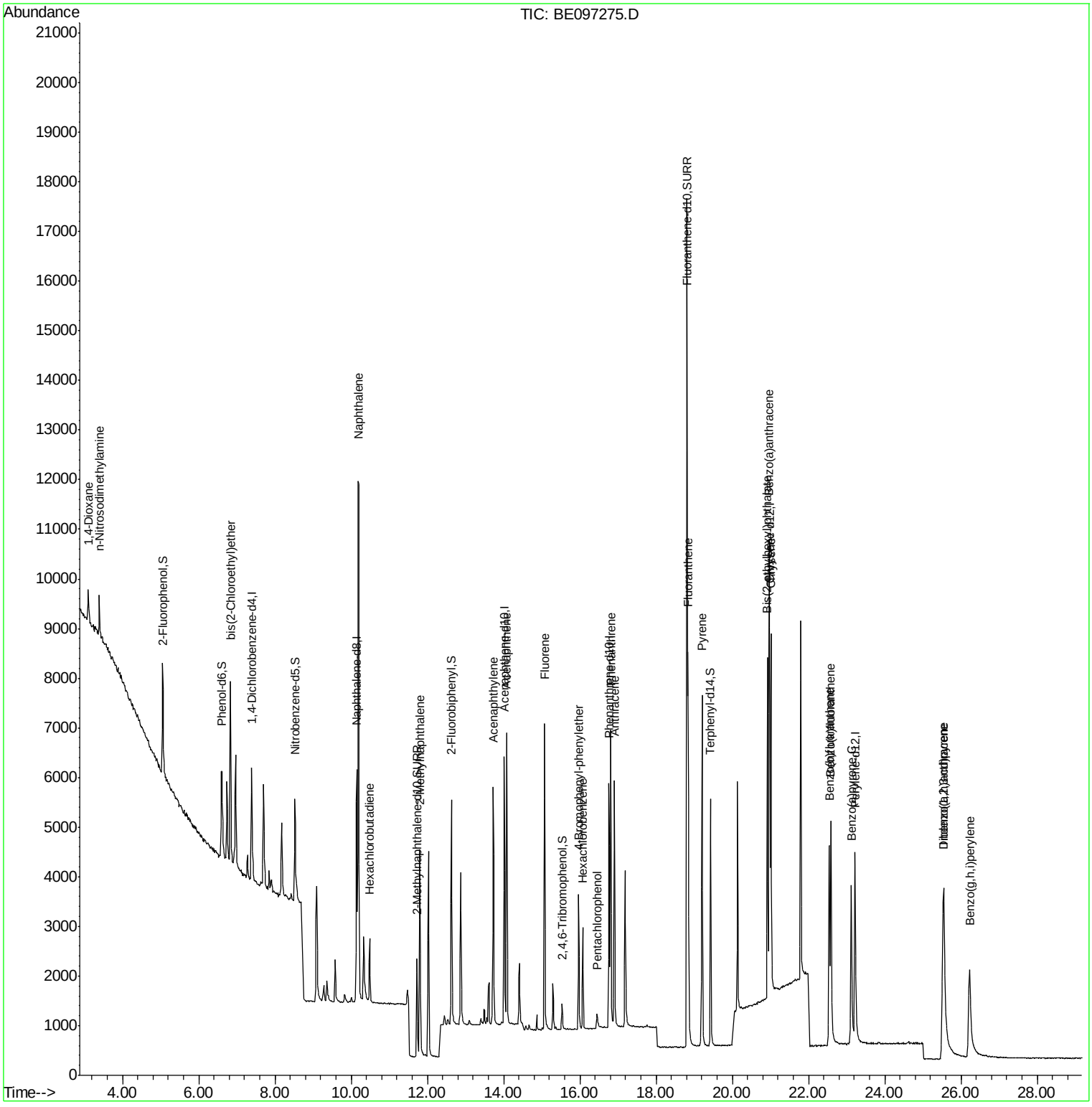
(#) = qualifier out of range (m) = manual integration (+) = signals summed

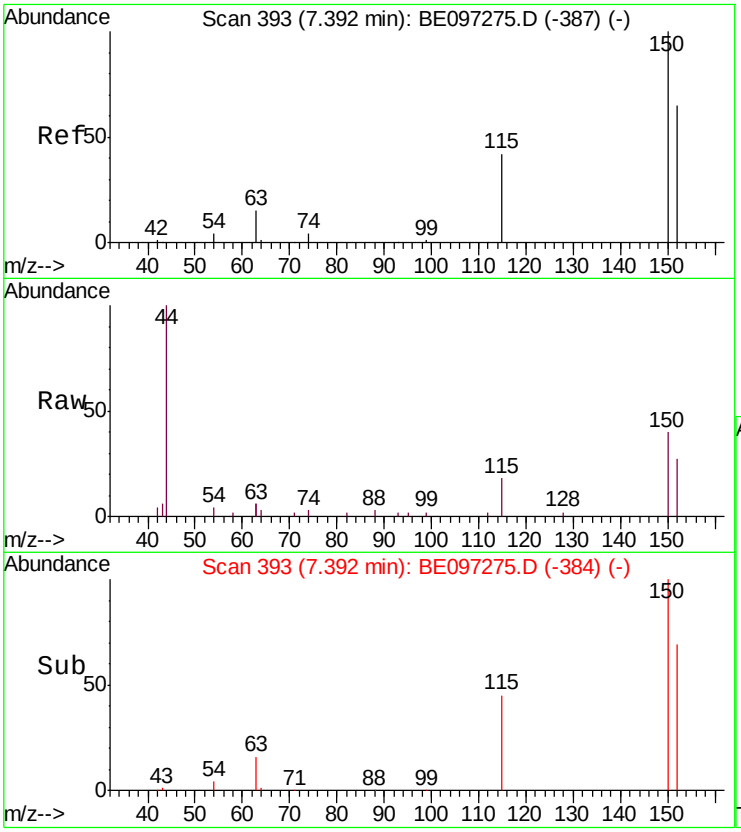
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
Data File : BE097275.D
Acq On : 15 Aug 2018 11:44
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 15 13:06:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 13:00:07 2018
Response via : Initial Calibration



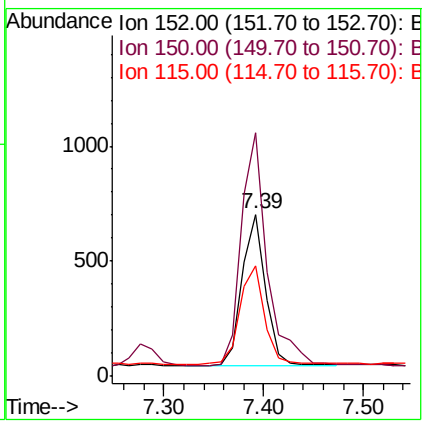


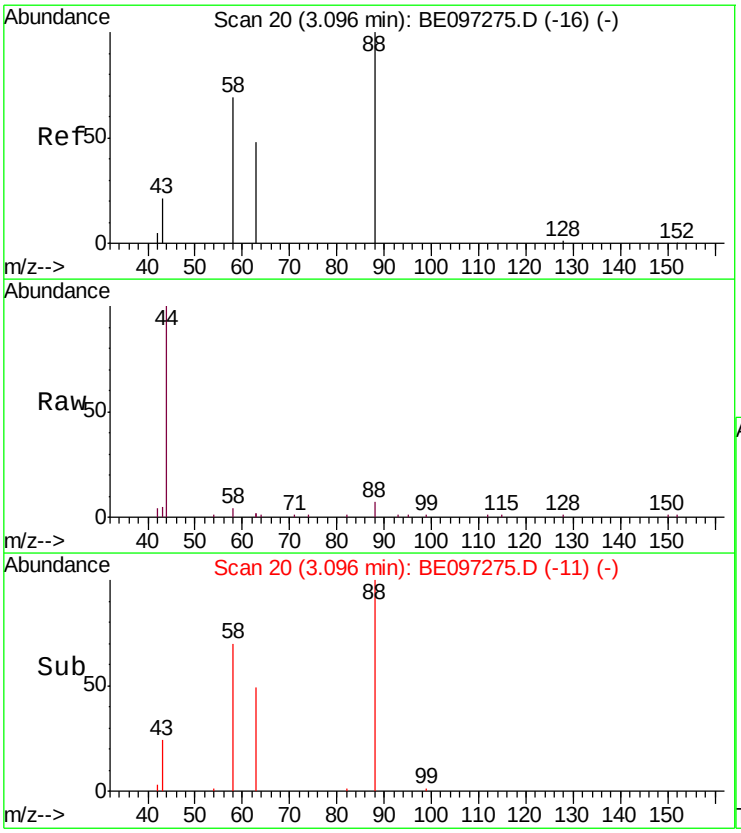
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1069

Ion	Ratio	Lower	Upper
152	100		
150	150.3	117.2	175.8
115	68.5	57.0	85.6

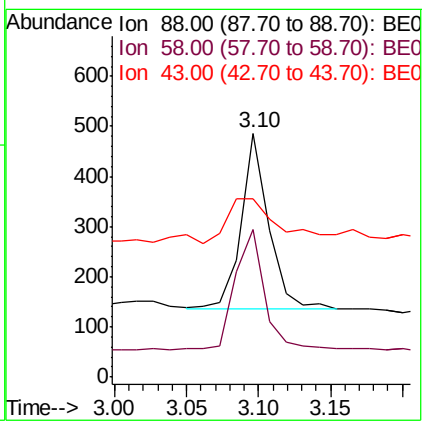


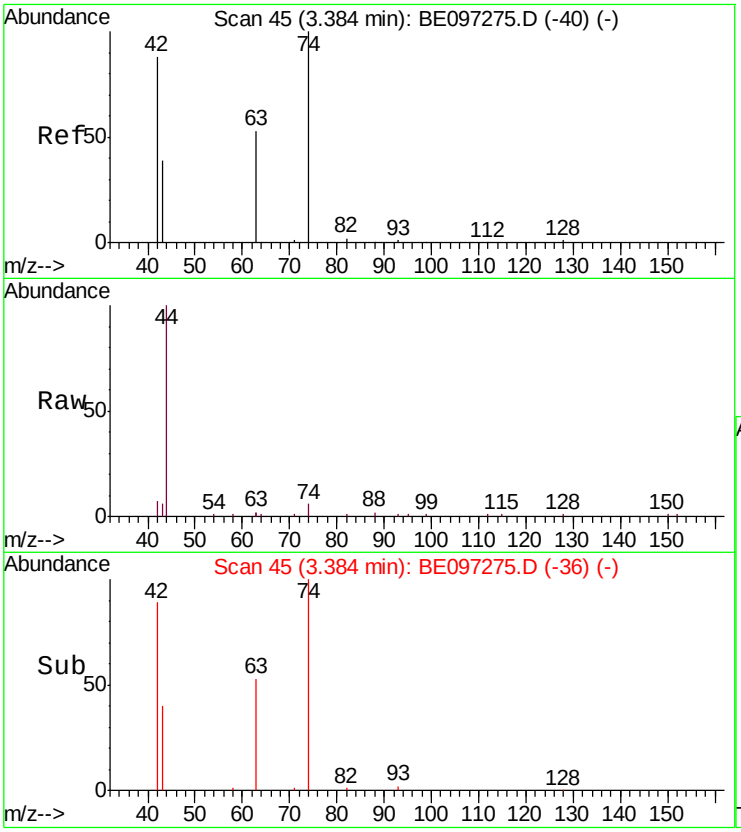


#2
1,4-Dioxane
Concen: 0.301 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion: 88 Resp: 460

Ion	Ratio	Lower	Upper
88	100		
58	75.7	63.2	94.8
43	51.7	41.2	61.8



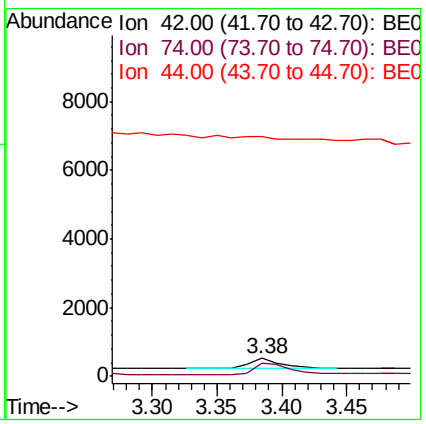


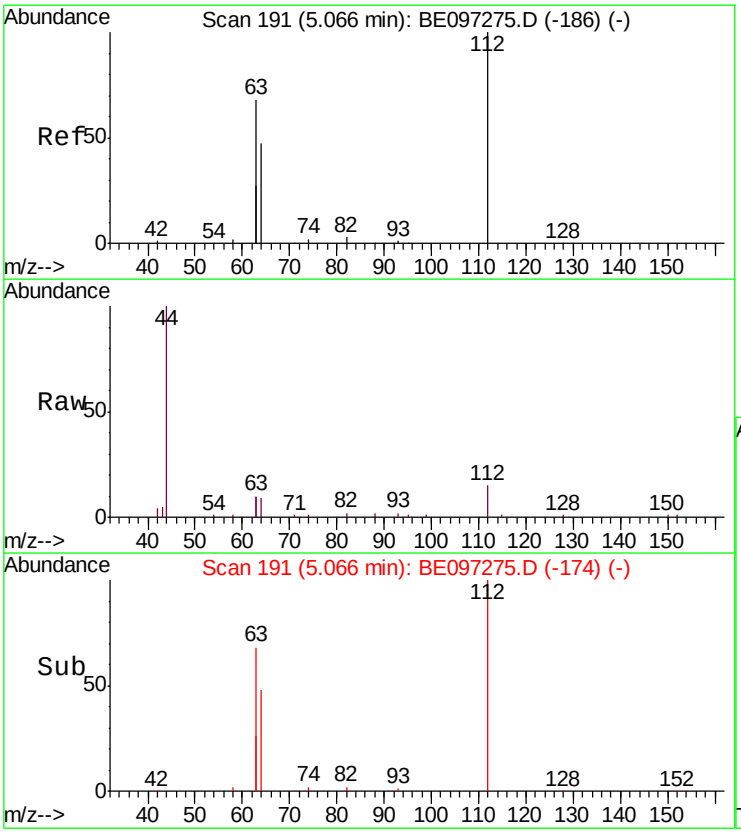
#3
n-Nitrosodimethylamine
Concen: 0.264 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 455

Ion	Ratio	Lower	Upper
42	100		
74	140.2	96.0	144.0
44	0.0	12.0	18.0#

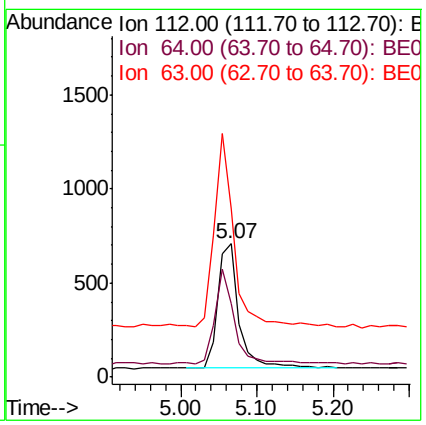


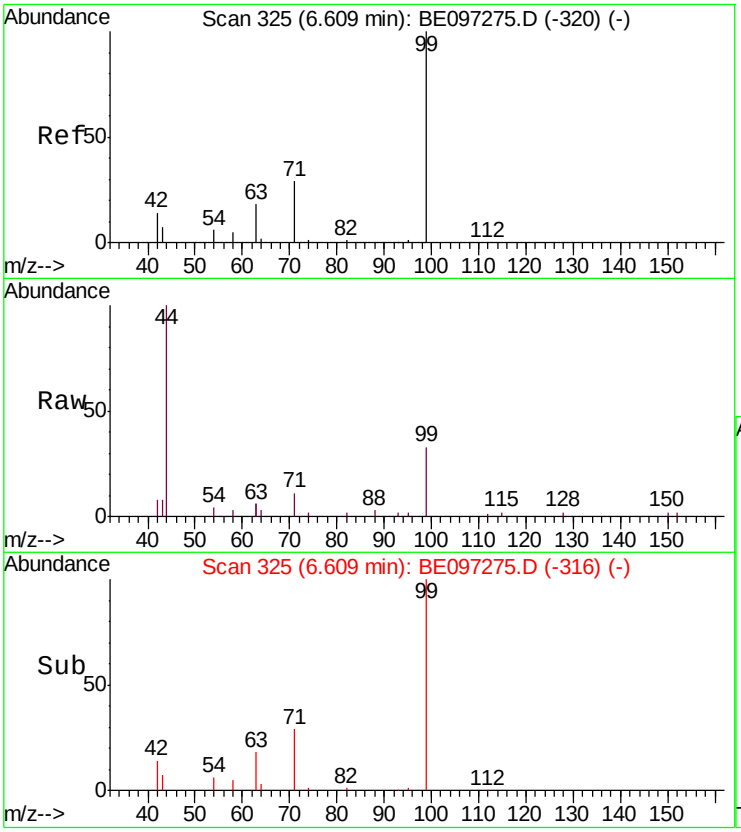


#4
2-Fluorophenol
Concen: 0.511 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:112 Resp: 1306

Ion	Ratio	Lower	Upper
112	100		
64	68.4	60.1	90.1
63	140.7	116.8	175.2



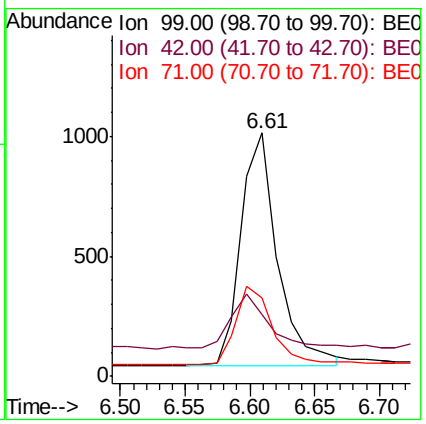


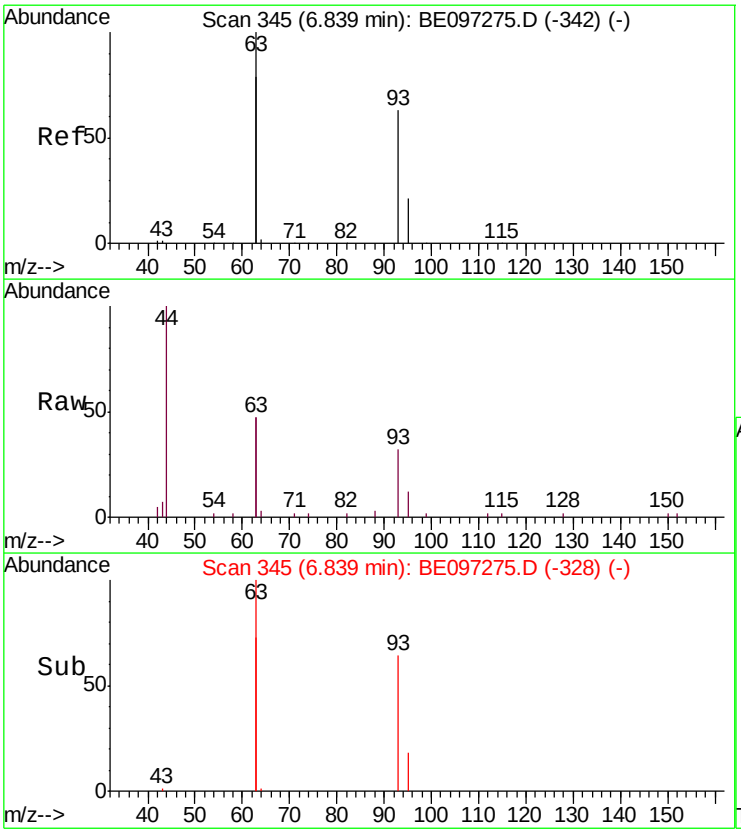
#5
Phenol-d6
Concen: 0.491 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 1915

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.2	30.2
71	33.9	28.4	42.6

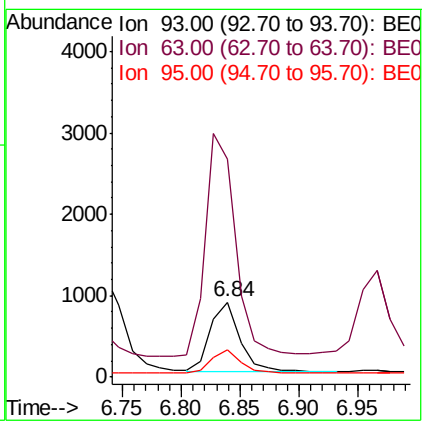


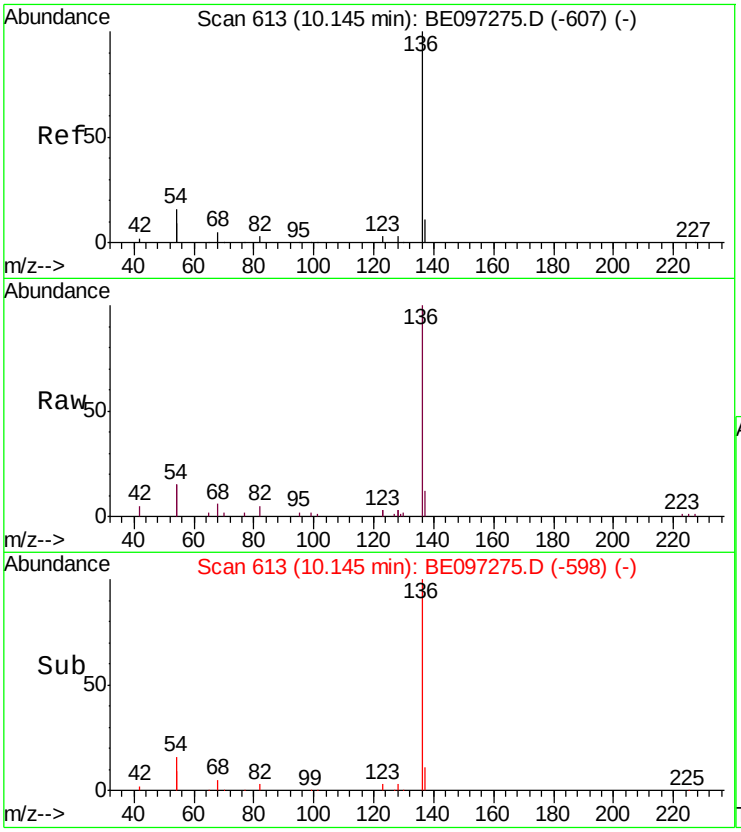


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion: 93 Resp: 1497

Ion	Ratio	Lower	Upper
93	100		
63	325.1	275.3	412.9
95	31.7	25.2	37.8



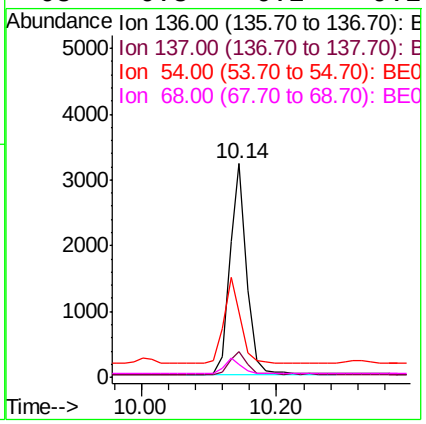


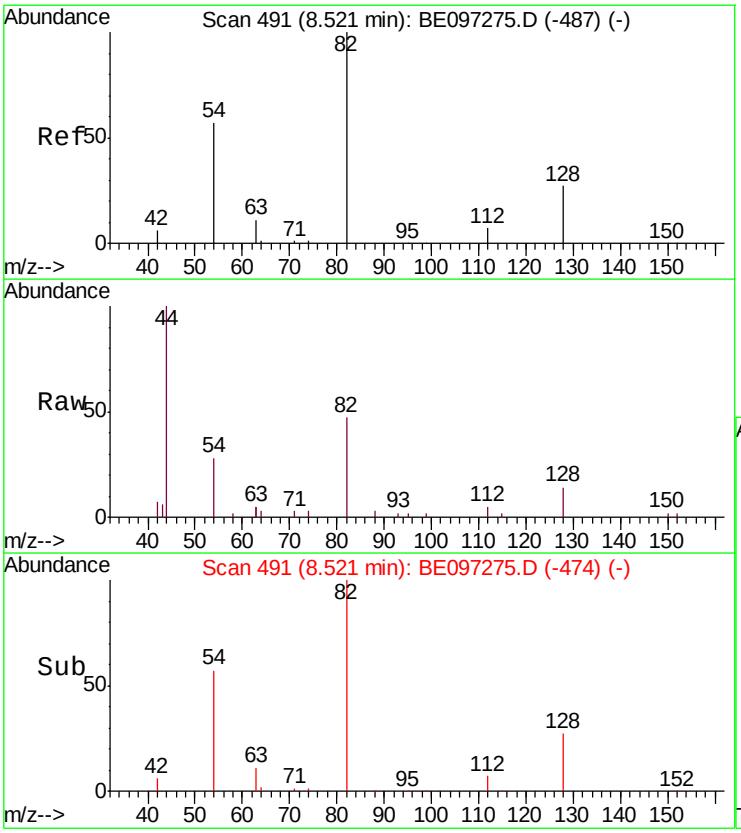
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 5586

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	30.6	29.1	43.7
68	6.3	6.2	9.2

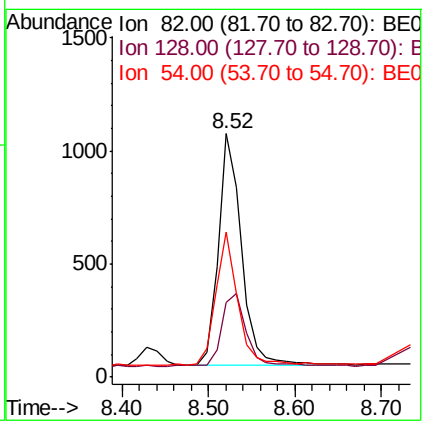


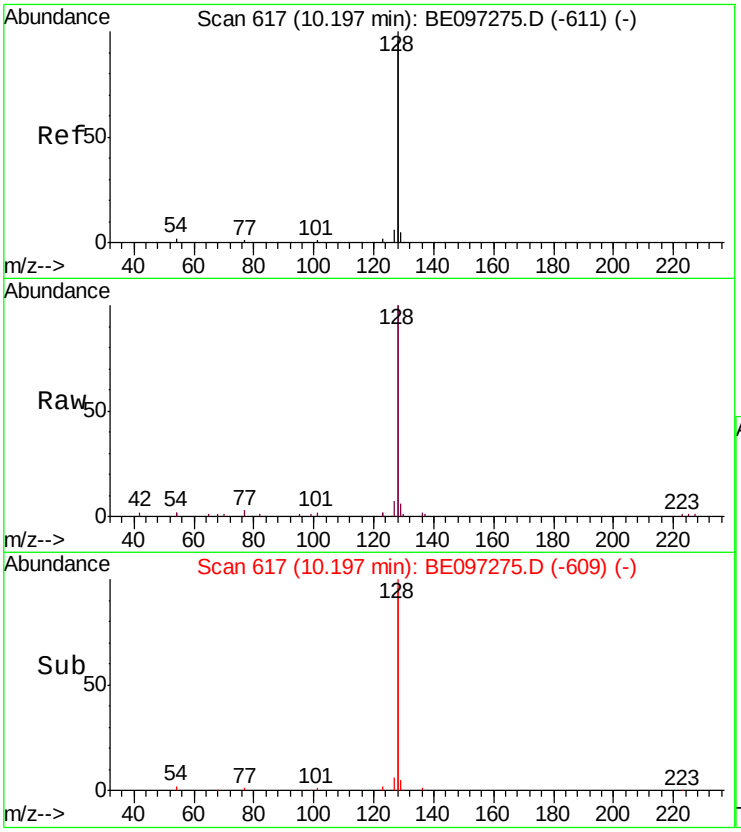


#8
Nitrobenzene-d5
Concen: 0.470 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion: 82 Resp: 1915

Ion	Ratio	Lower	Upper
82	100		
128	30.5	24.0	36.0
54	59.6	40.0	60.0



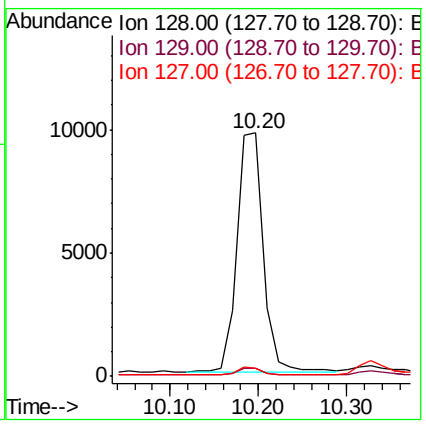


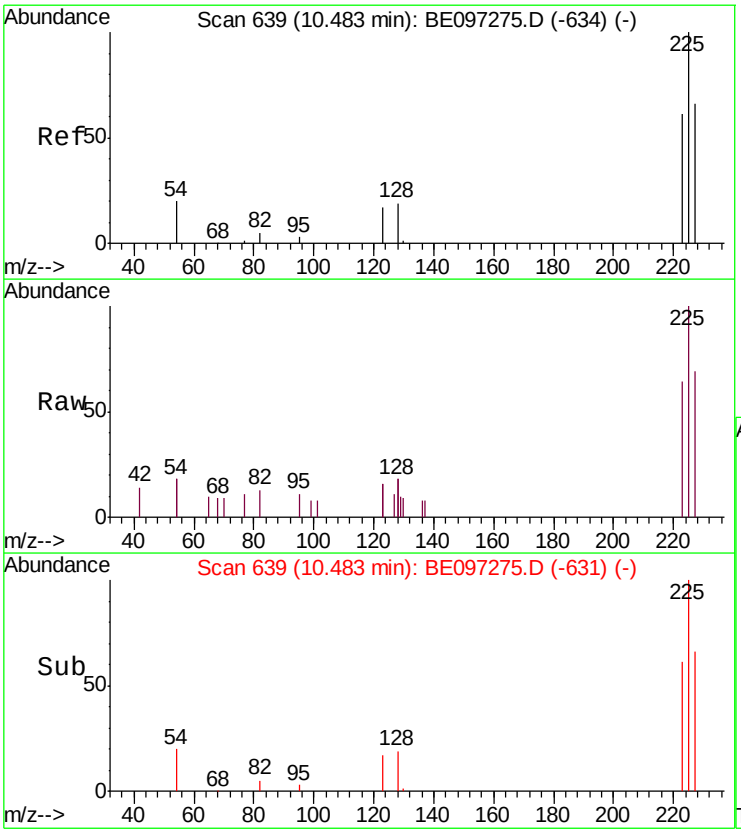
#9
Naphthalene
Concen: 0.395 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 19745

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.4	2.8	4.2

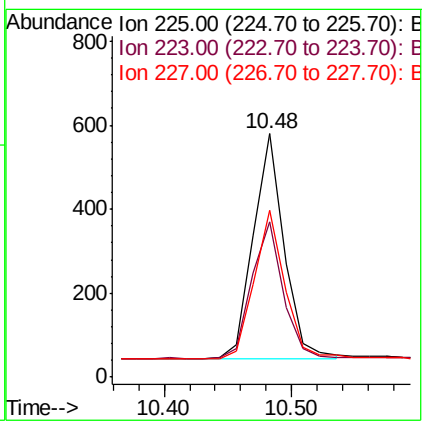


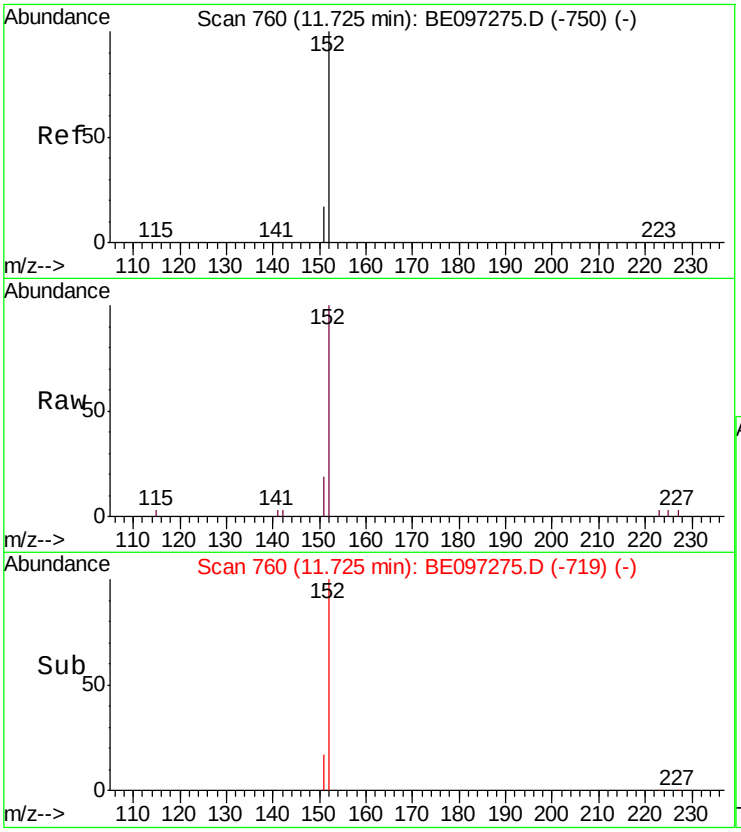


#10
Hexachlorobutadiene
Concen: 0.440 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:225 Resp: 890

Ion	Ratio	Lower	Upper
225	100		
223	61.9	53.0	79.6
227	65.3	51.4	77.2



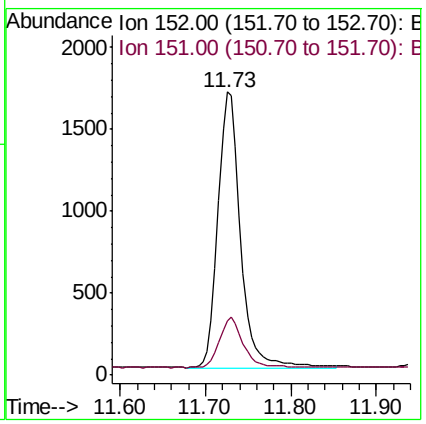


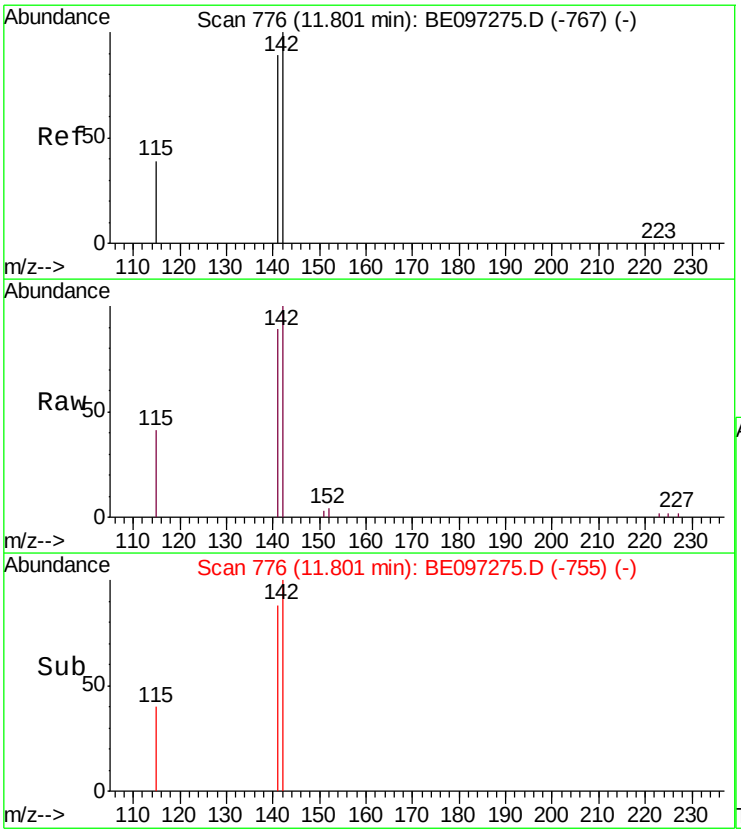
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.73 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3094

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

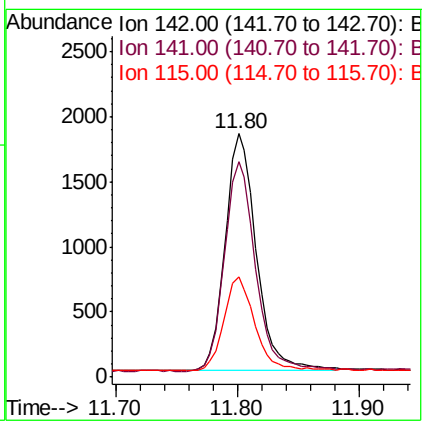


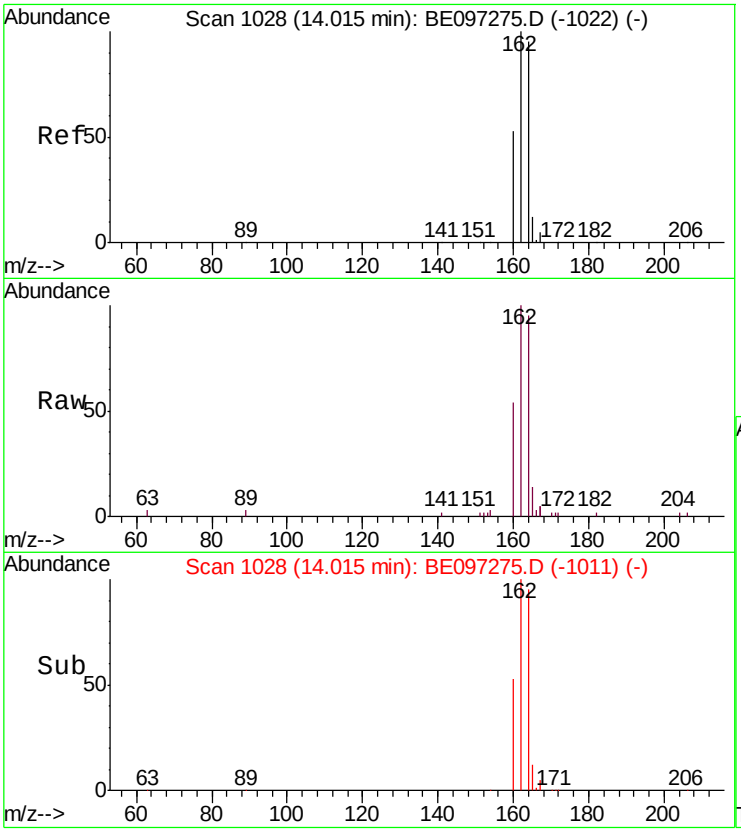


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 11.80 min Scan# 776
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:142 Resp: 3255

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	41.2	31.7	47.5



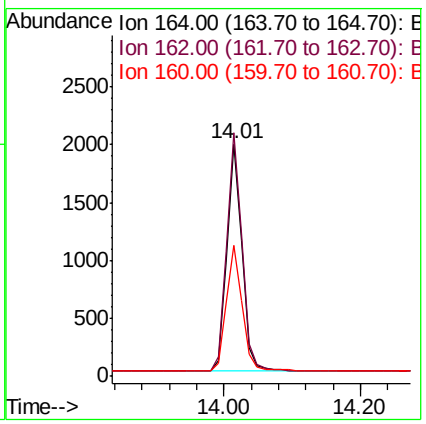


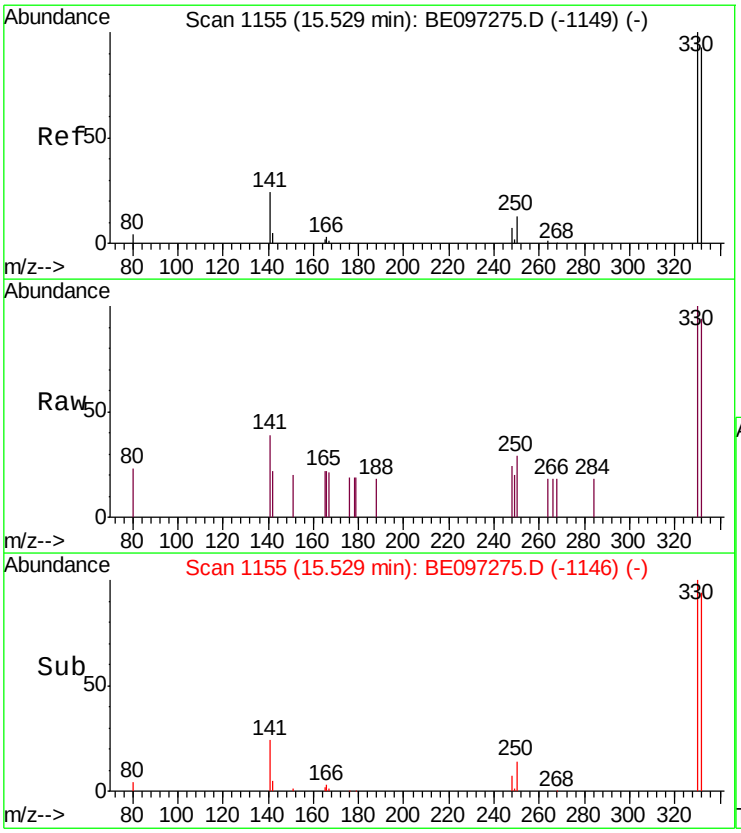
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 3082

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	56.1	37.1	55.7#

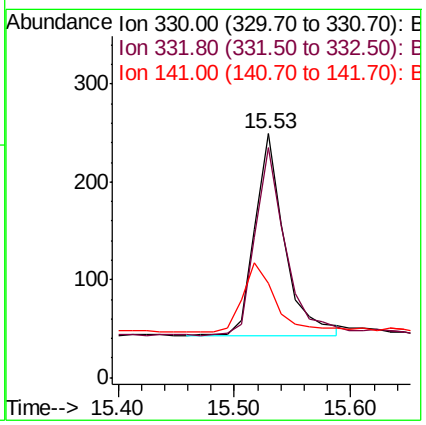


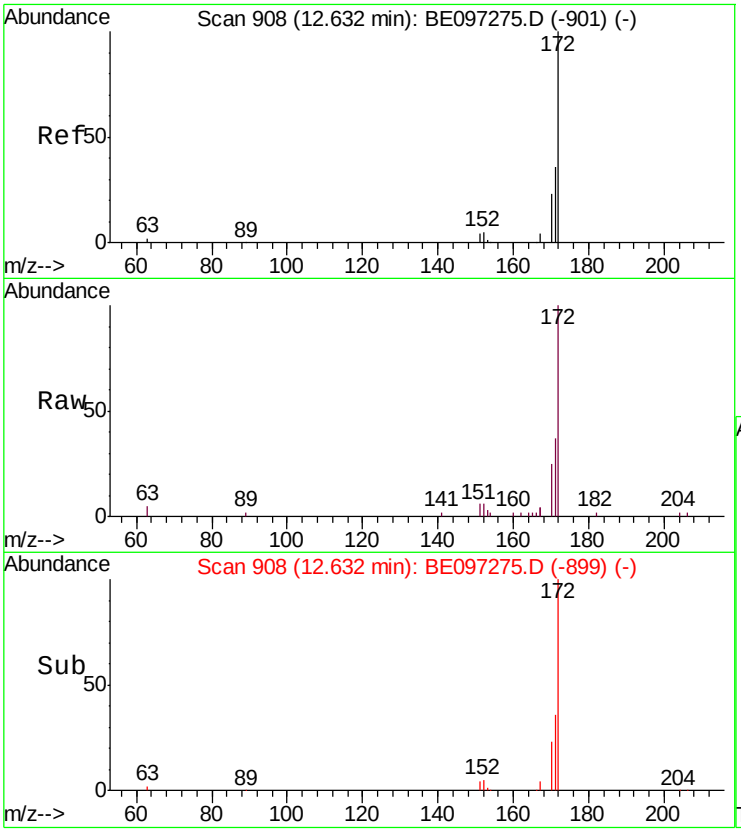


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:330 Resp: 366

Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	36.6	33.7	50.5



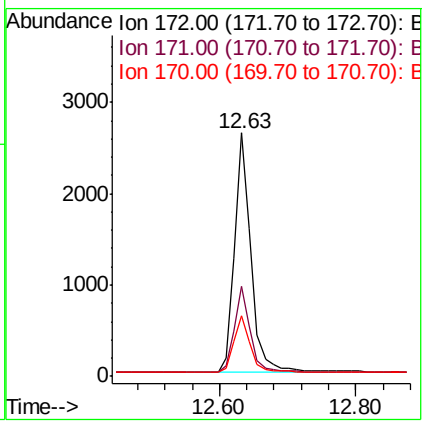


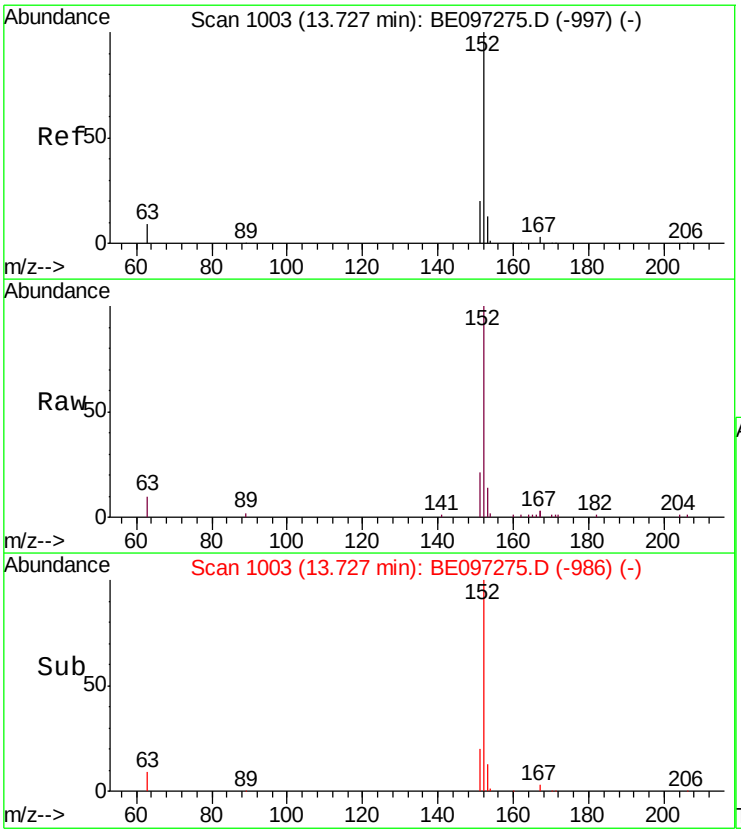
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 4442

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	24.8	21.8	32.8

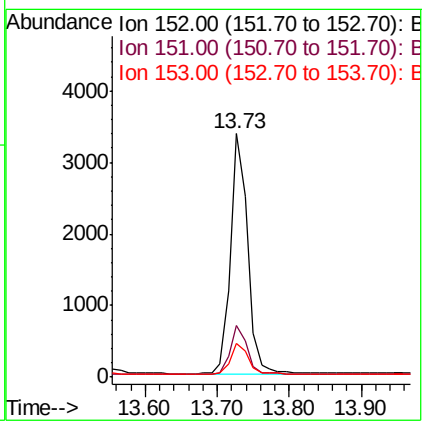


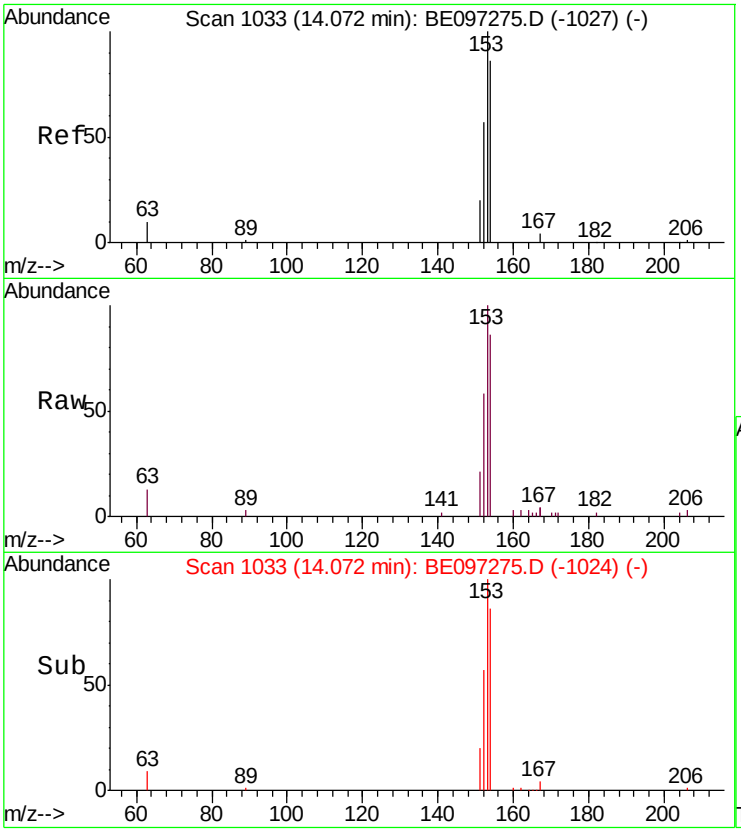


#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:152 Resp: 5544

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.6	10.5	15.7



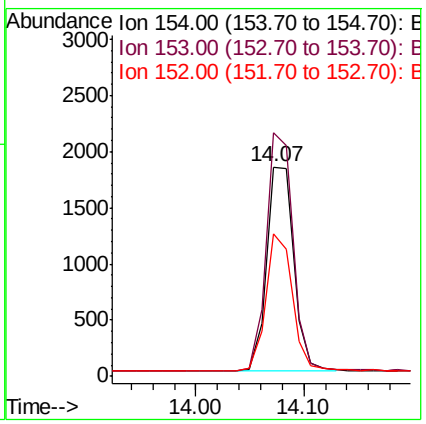


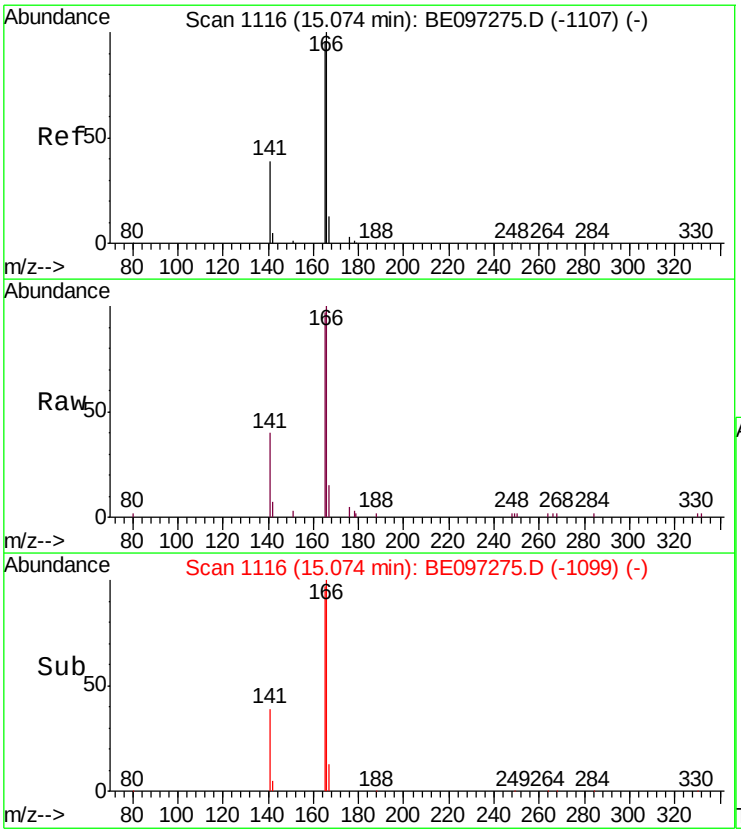
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 3212

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	64.8	42.0	63.0#

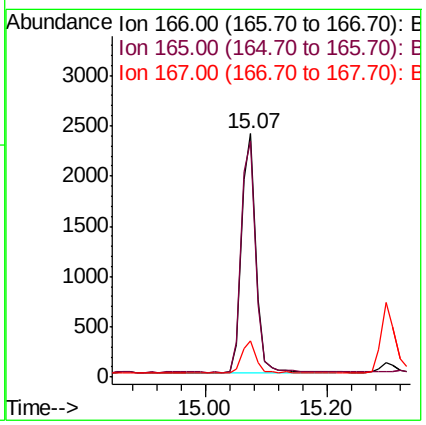


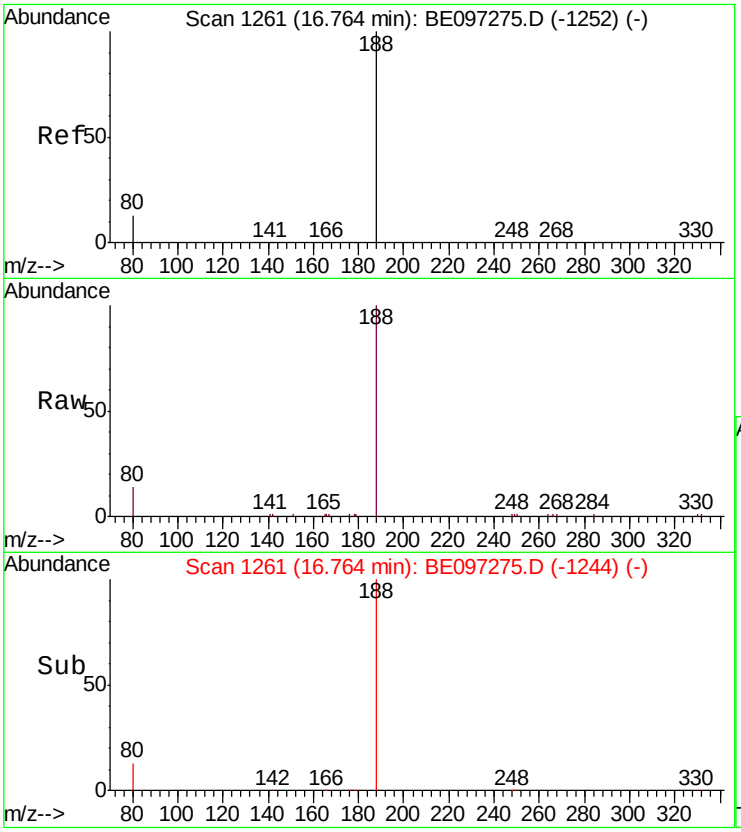


#18
Fluorene
Concen: 0.396 ng
RT: 15.07 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:166 Resp: 3894

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.0	42.4	63.6#



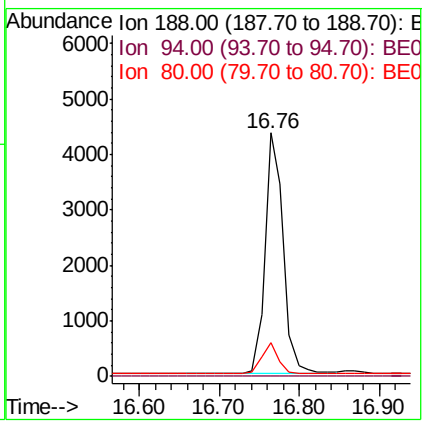


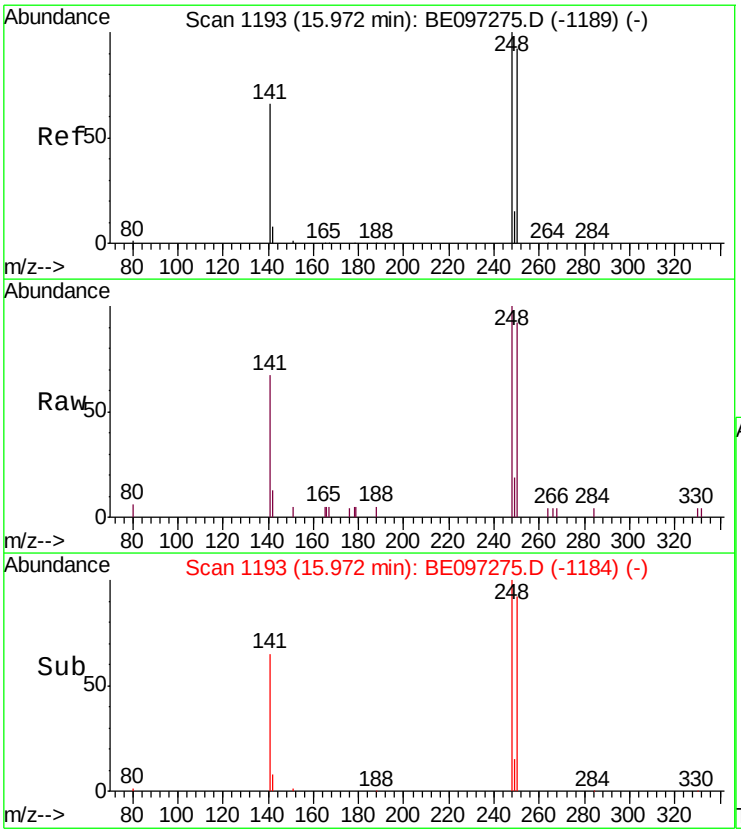
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 6947

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.8	3.6	5.4#

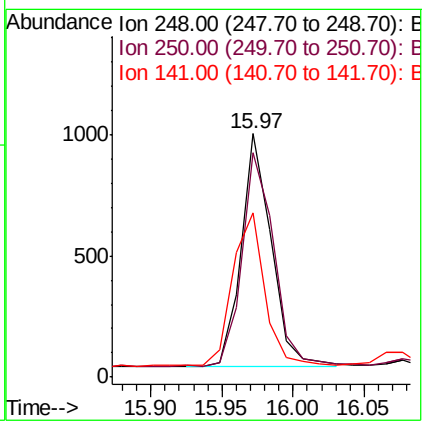


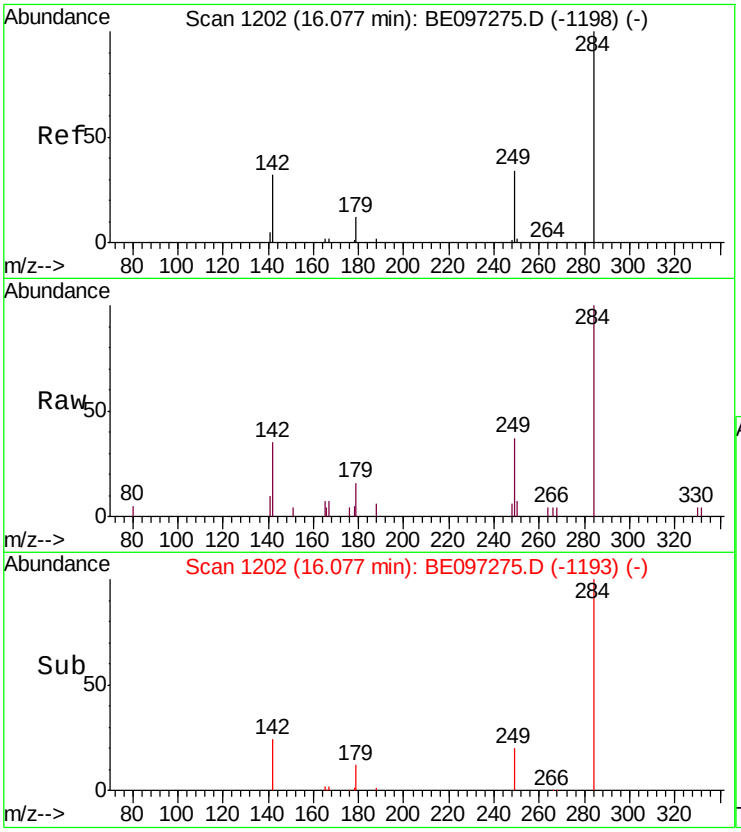


#20
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:248 Resp: 1396

Ion	Ratio	Lower	Upper
248	100		
250	92.4	62.7	94.1
141	67.4	48.2	72.2



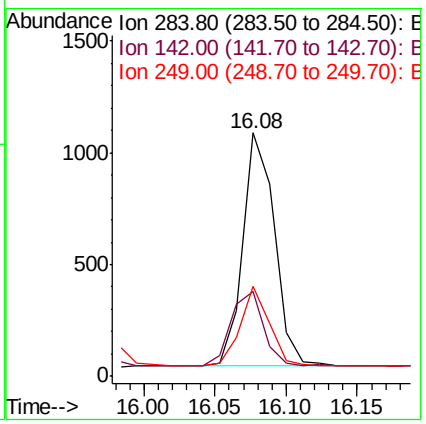


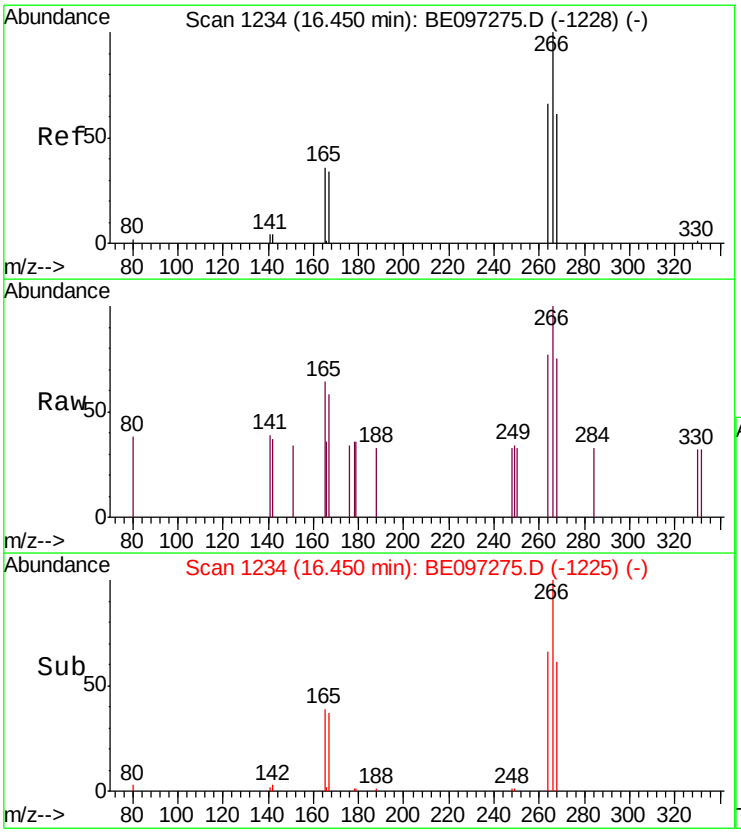
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1612

Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.1	33.1
249	31.0	34.8	52.2#

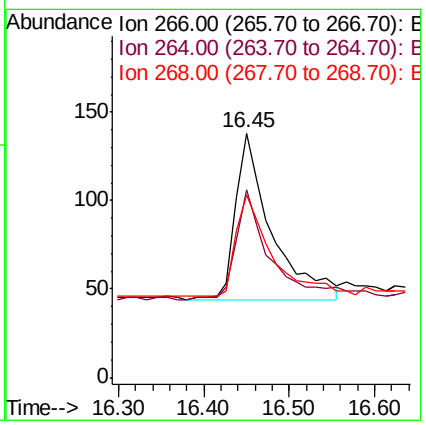


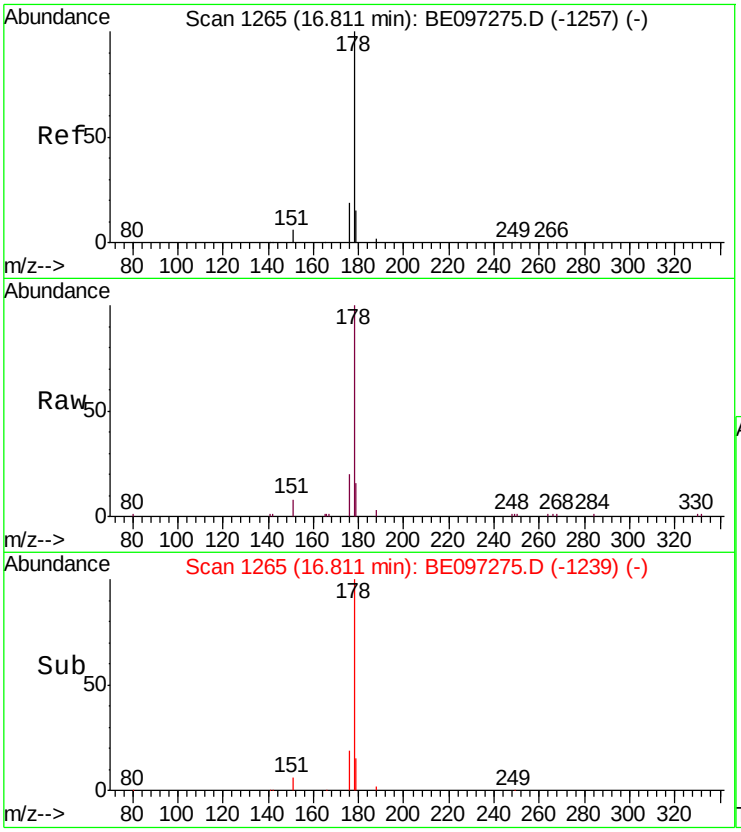


#22
Pentachlorophenol
Concen: 0.459 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:266 Resp: 275

Ion	Ratio	Lower	Upper
266	100		
264	76.8	72.5	108.7
268	74.6	73.8	110.6



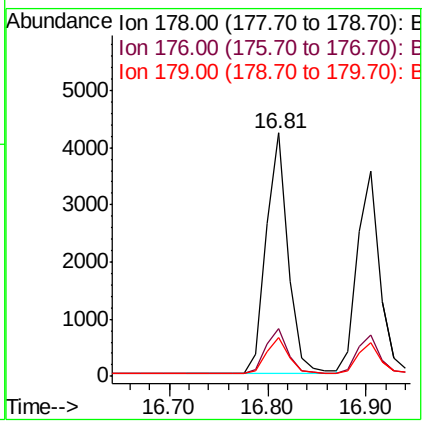


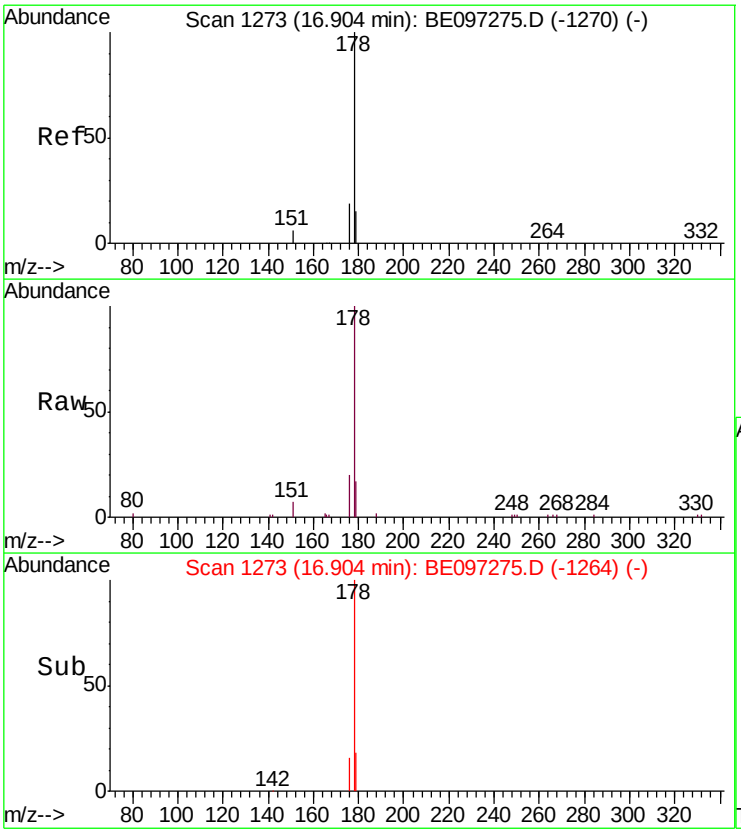
#23
Phenanthrene
Concen: 0.389 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 6466

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	11.8	17.6

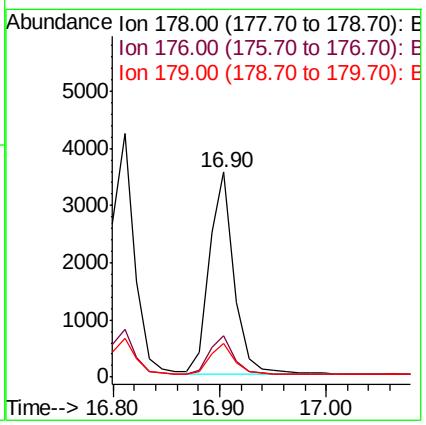


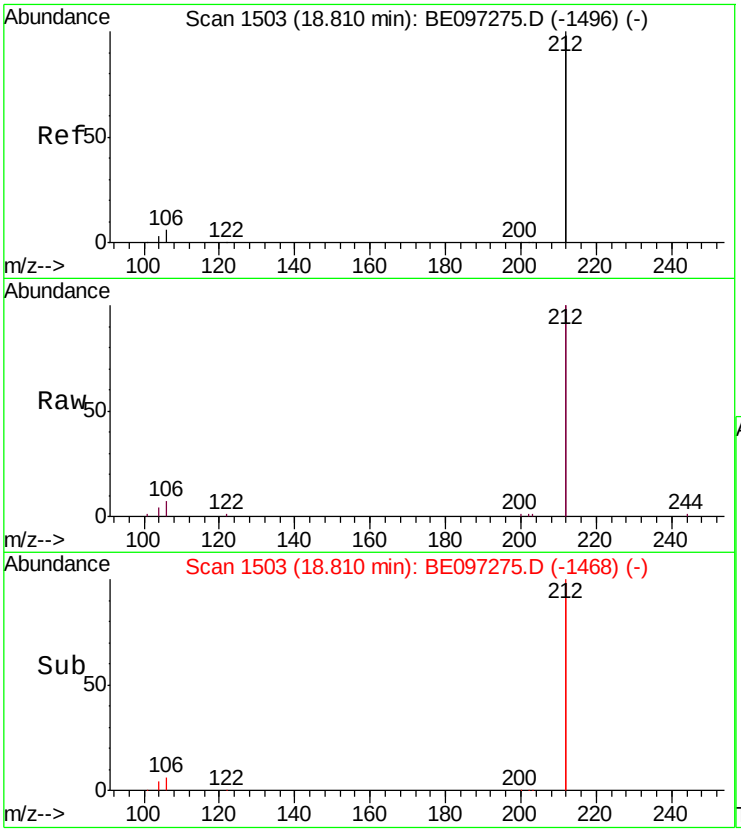


#24
Anthracene
Concen: 0.390 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:178 Resp: 5639

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	14.9	13.0	19.6



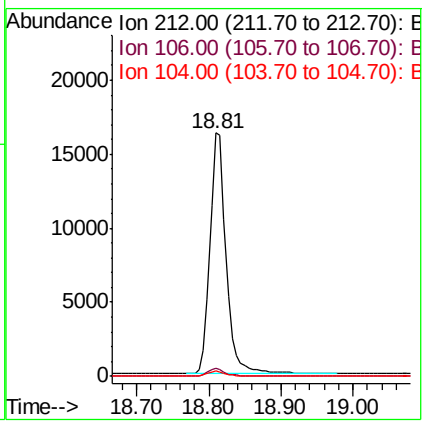


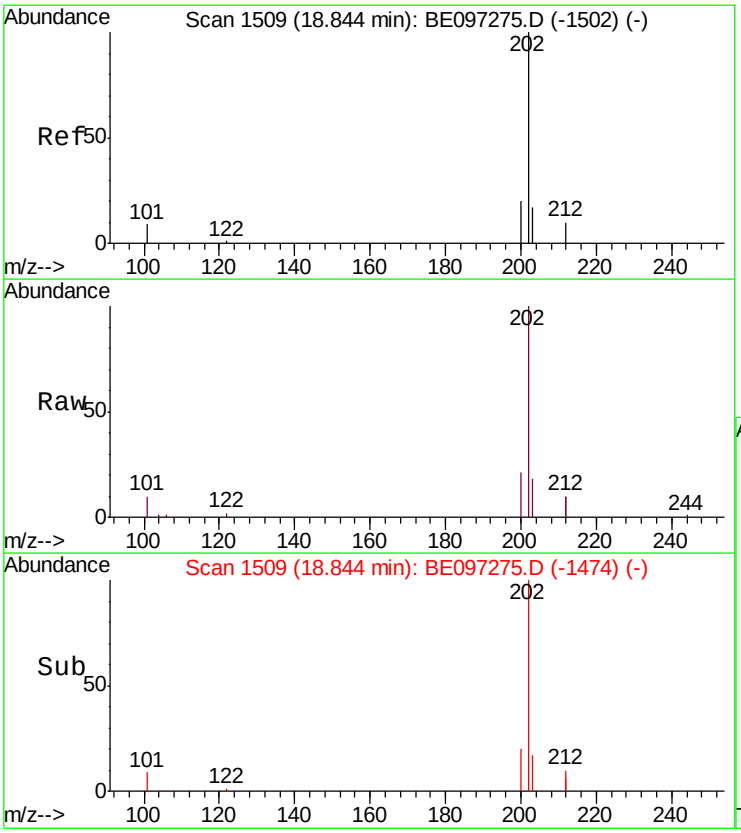
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 25274

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

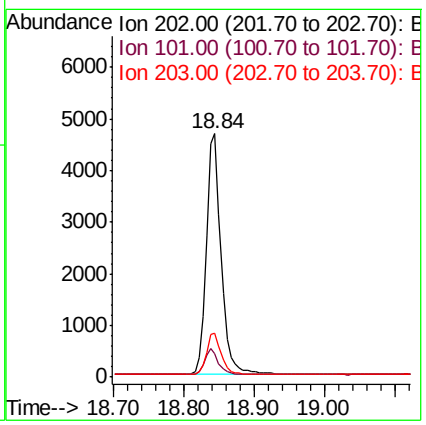


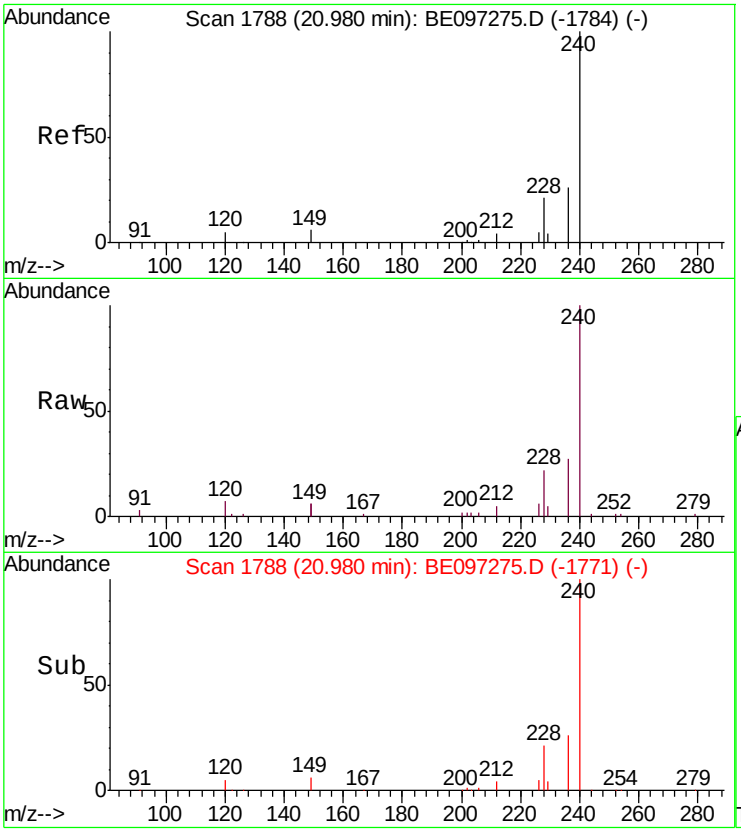


#26
Fluoranthene
Concen: 0.390 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:202 Resp: 6835

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
203	17.0	13.7	20.5



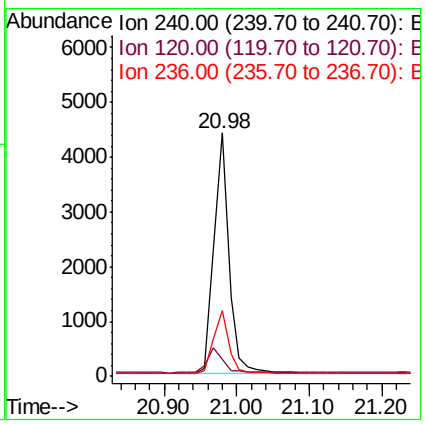


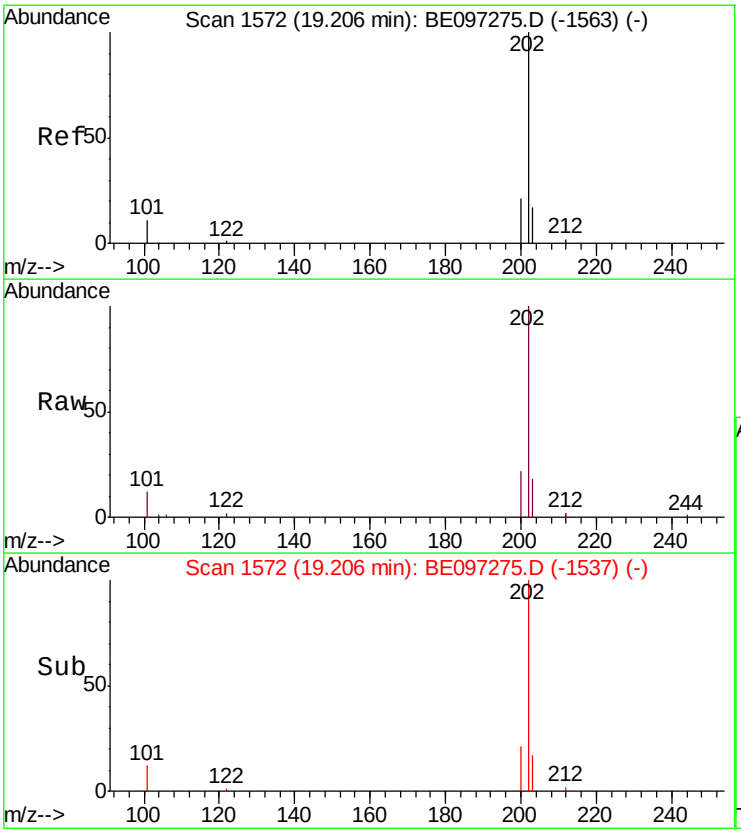
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 6437

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	27.0	20.7	31.1

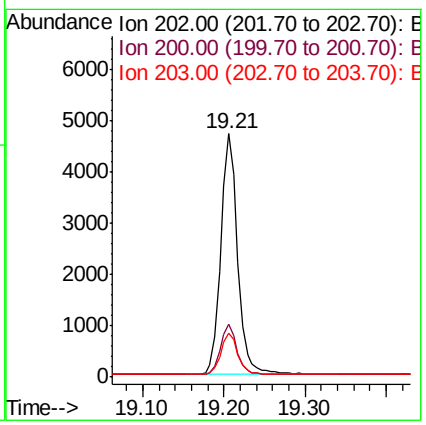


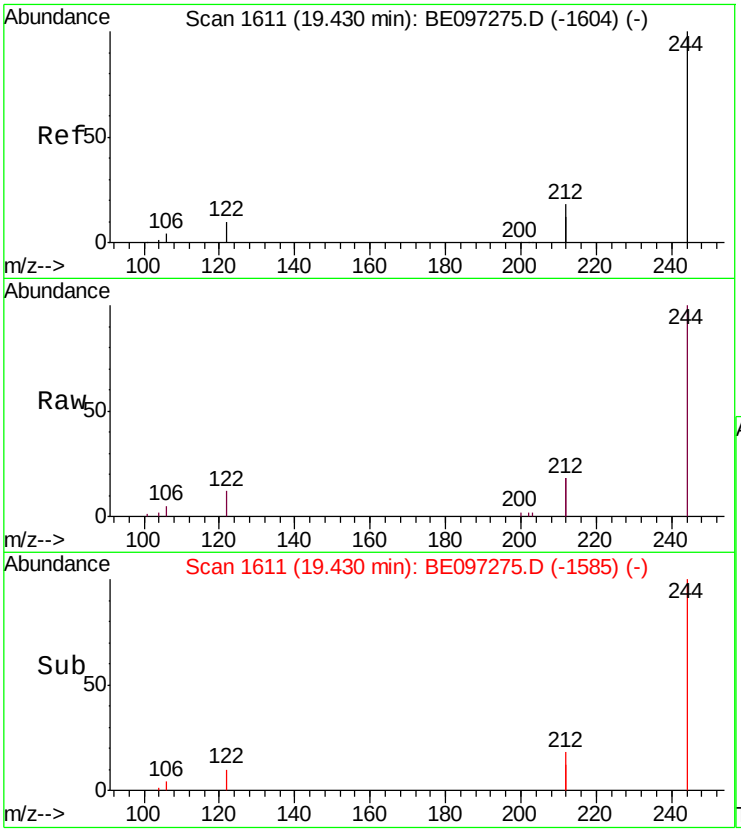


#28
Pyrene
Concen: 0.356 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:202 Resp: 6756

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.2	13.8	20.8



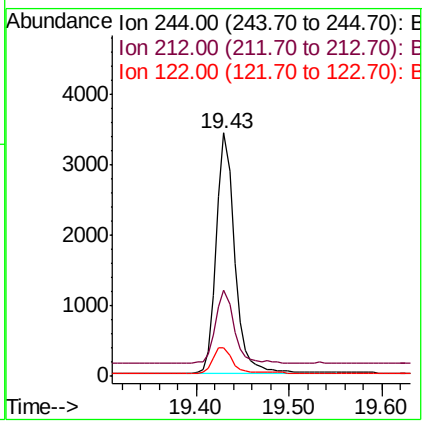


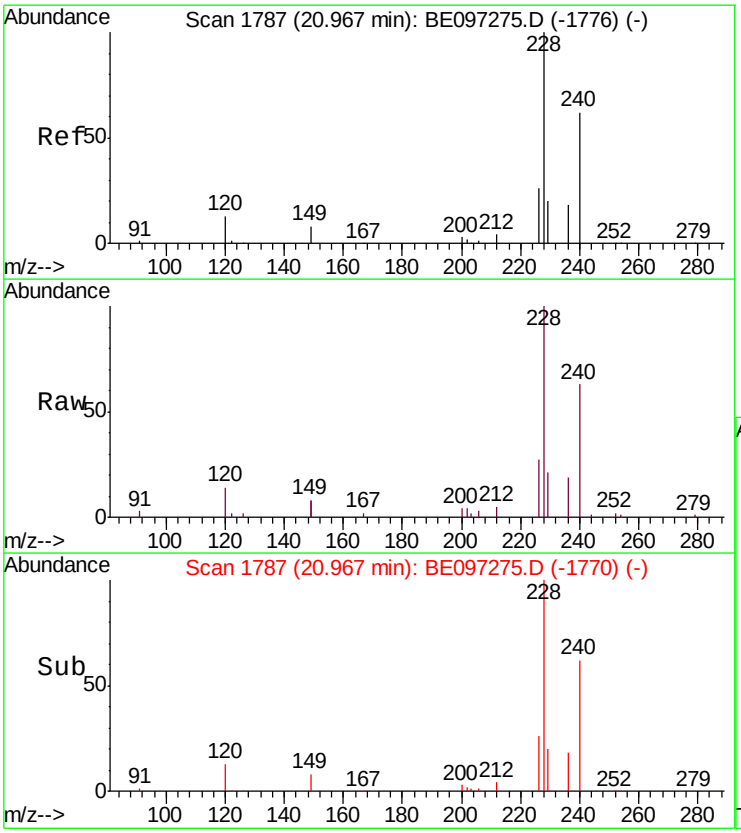
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 4699

Ion	Ratio	Lower	Upper
244	100		
212	35.5	25.4	38.0
122	11.7	8.1	12.1

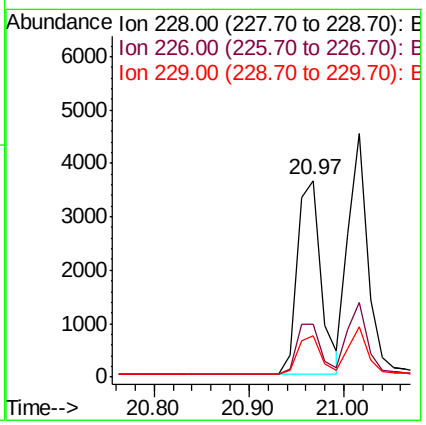


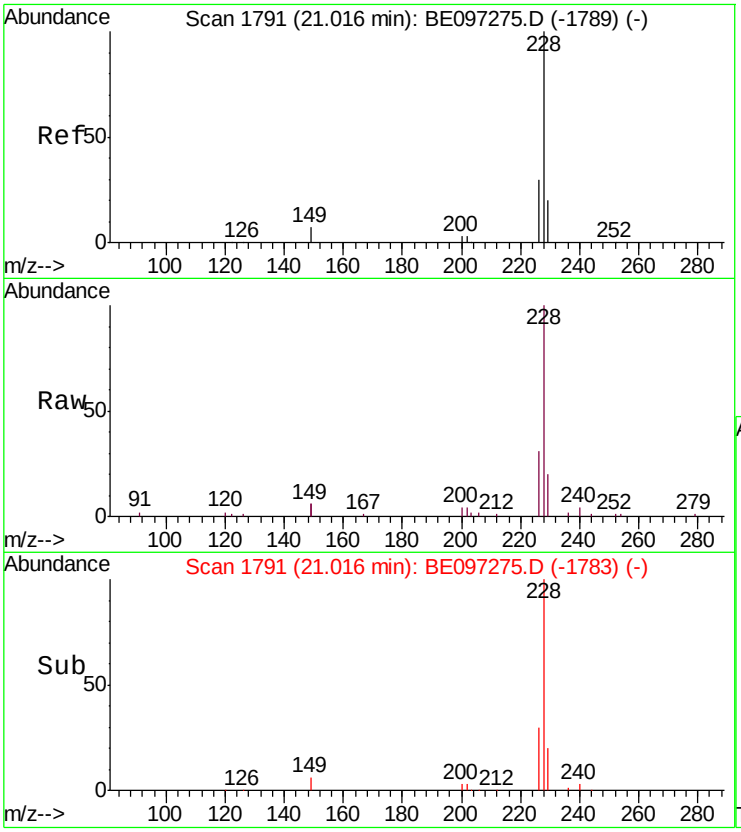


#30
Benzo(a)anthracene
Concen: 0.412 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:228 Resp: 6312

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.0	36.0
229	21.4	16.0	24.0



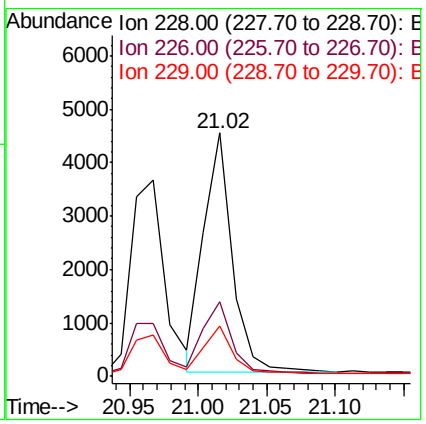


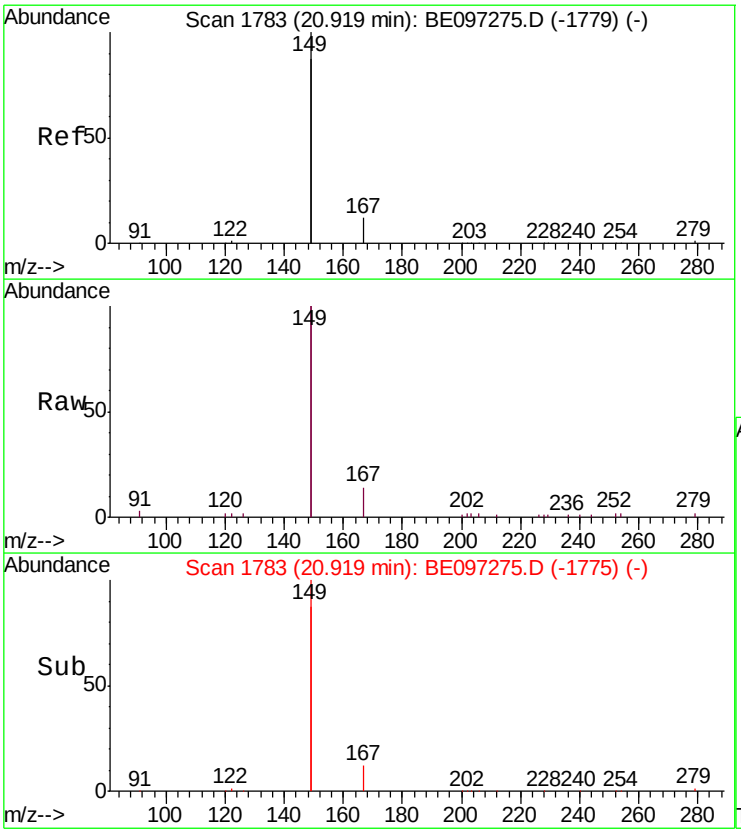
#31
Chrysene
Concen: 0.374 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 6429

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.4	16.0	24.0

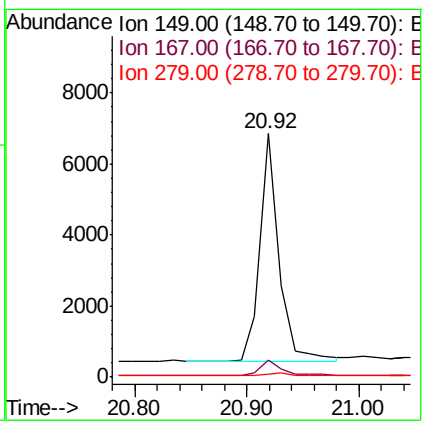


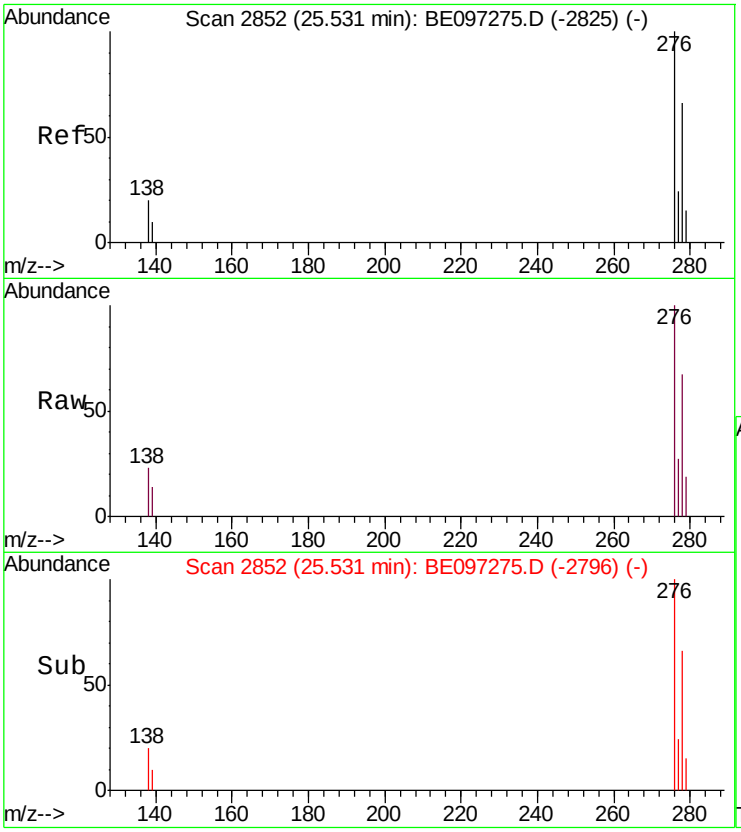


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.507 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:149 Resp: 7760

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



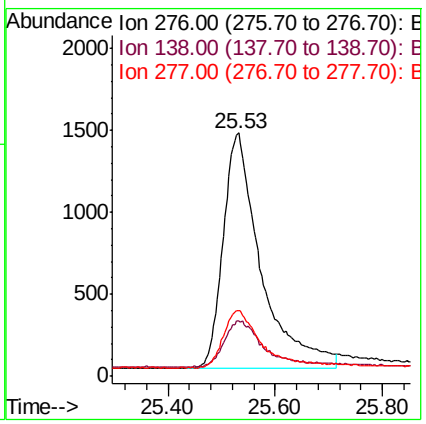


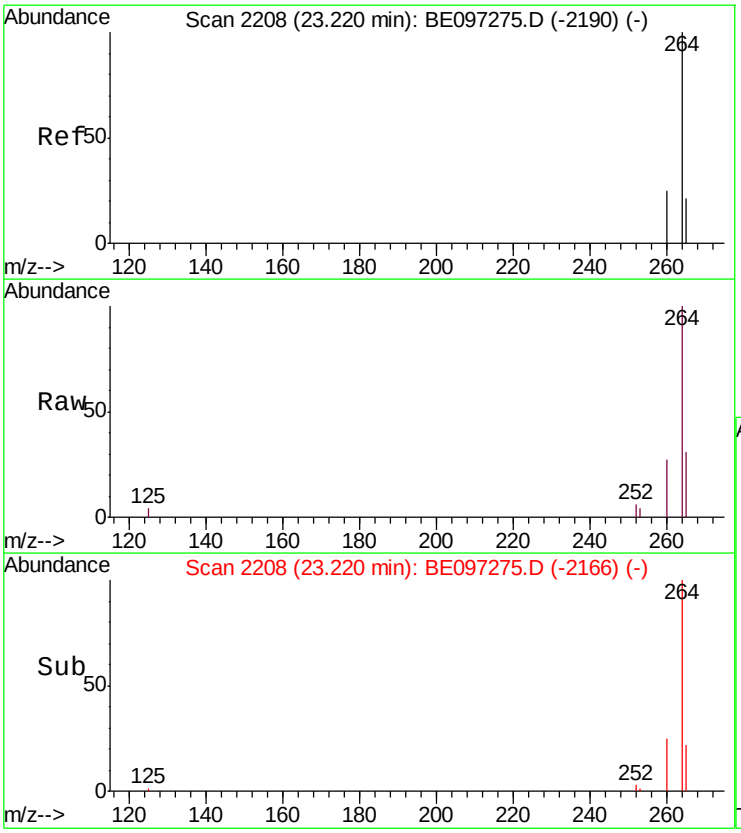
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.559 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 7003

Ion	Ratio	Lower	Upper
276	100		
138	19.7	22.5	33.7#
277	23.8	19.9	29.9

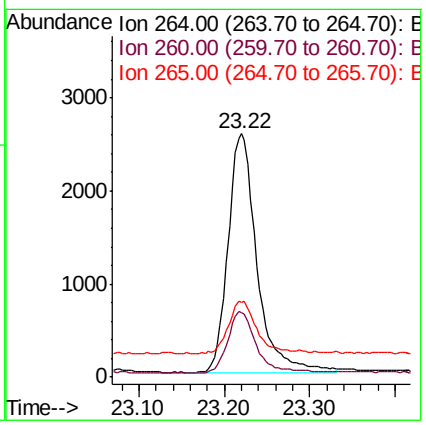


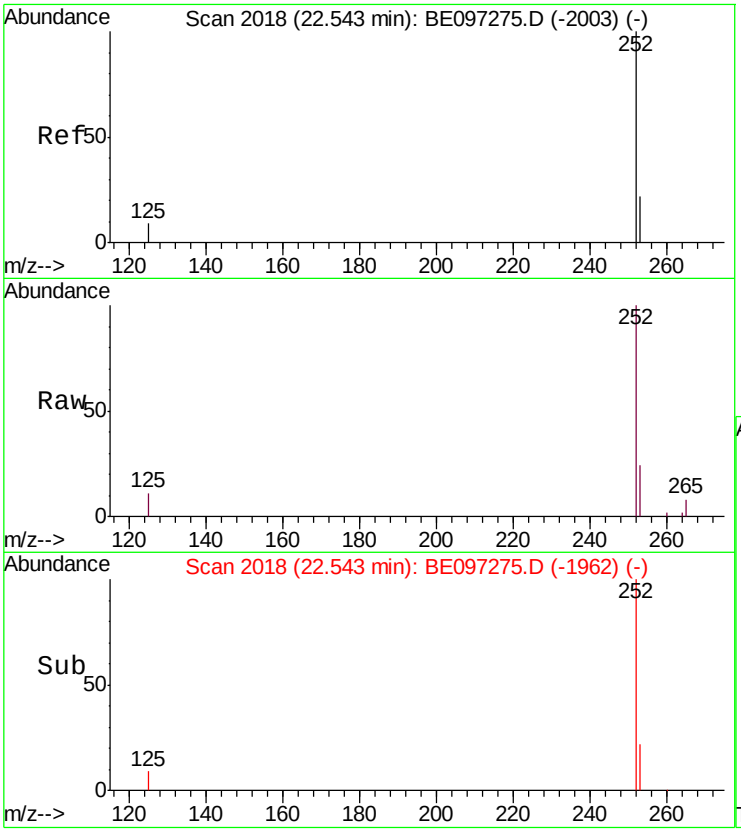


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:264 Resp: 6009

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	30.8	22.8	34.2



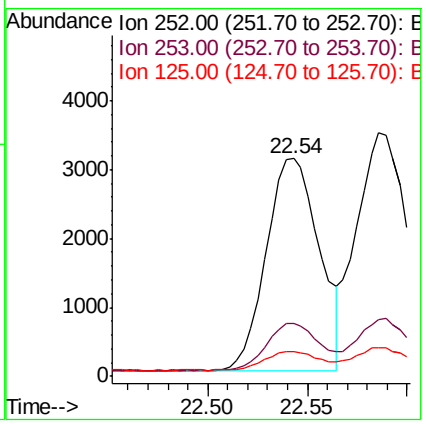


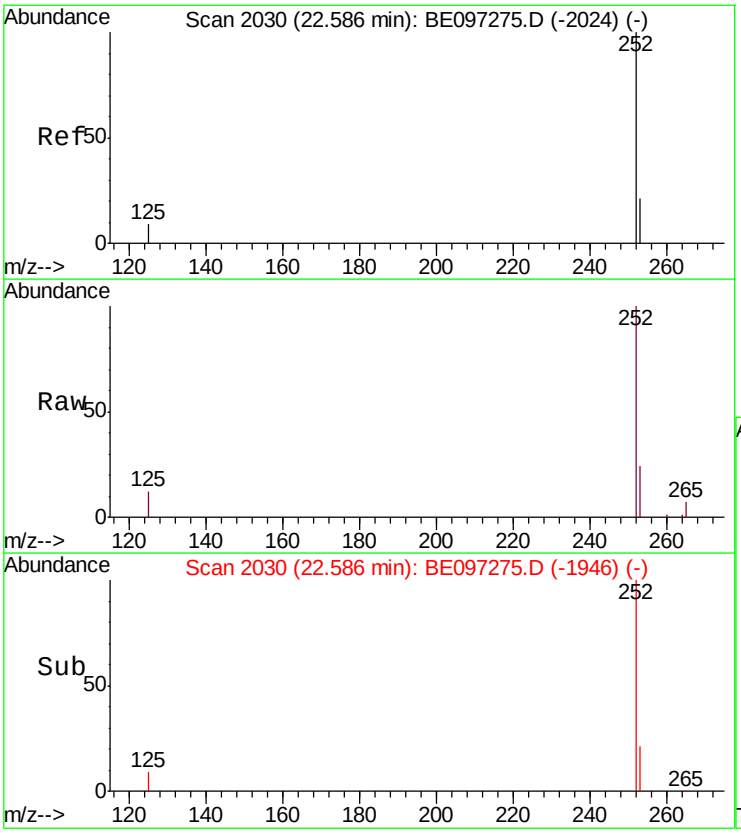
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.54 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 5712

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	11.4	16.0	24.0#

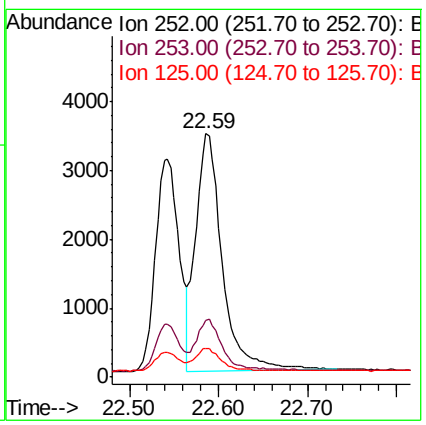


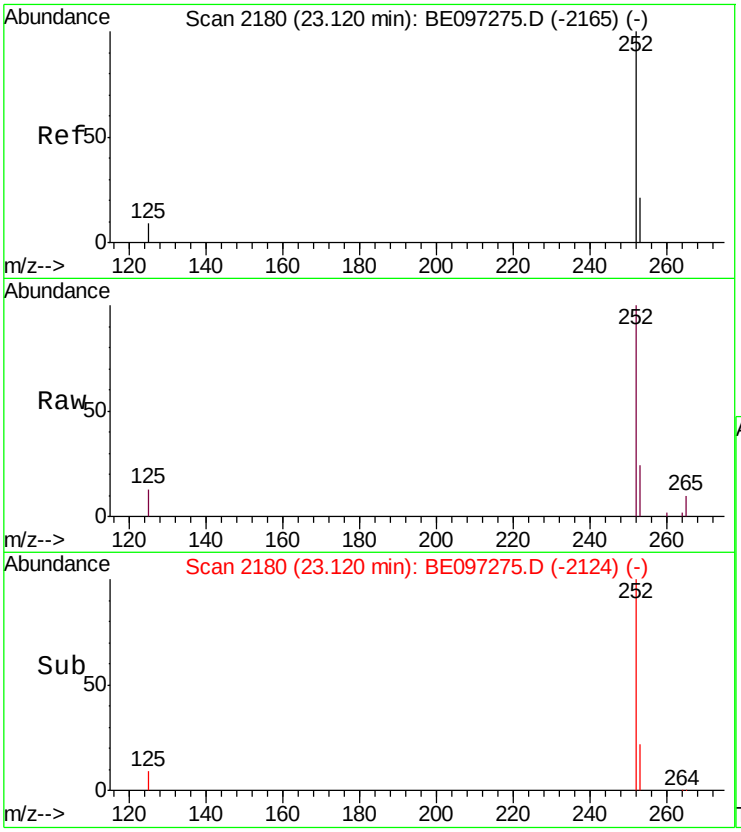


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:252 Resp: 7067

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	11.6	8.0	12.0



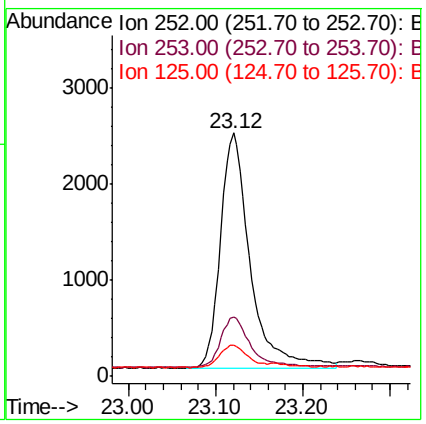


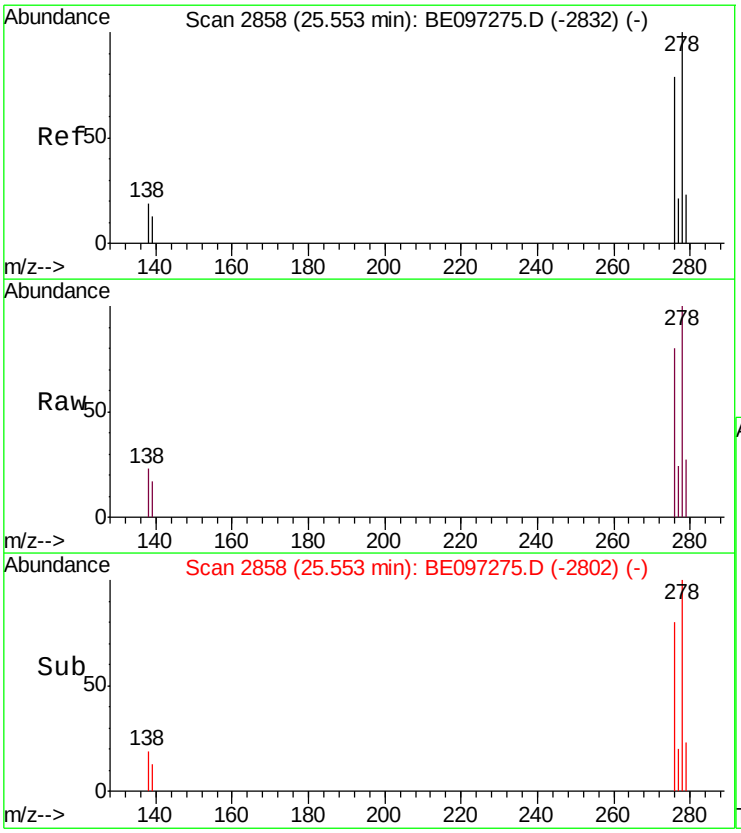
#37
Benzo(a)pyrene
Concen: 0.423 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 5808

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	12.6	12.0	18.0

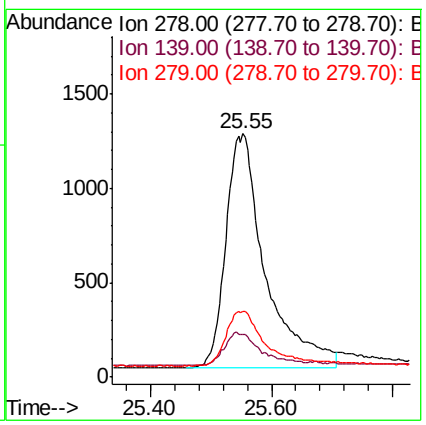


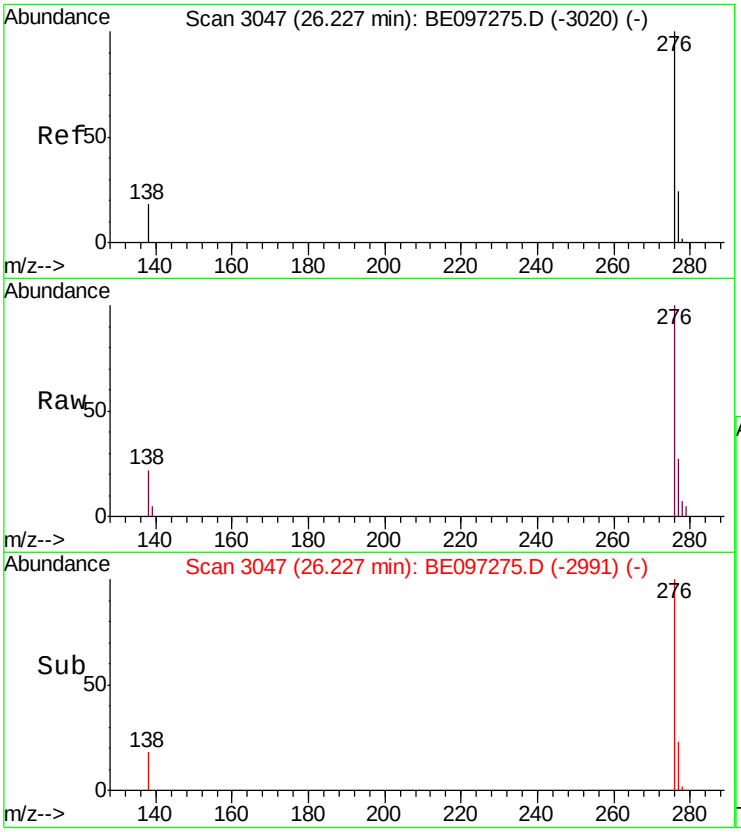


#38
Dibenzo(a,h)anthracene
Concen: 0.499 ng
RT: 25.55 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Tgt Ion:278 Resp: 5590

Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.0	24.0
279	26.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.456 ng
RT: 26.23 min Scan# 3047
Delta R.T. 0.00 min
Lab File: BE097275.D
Acq: 15 Aug 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 5685

Ion	Ratio	Lower	Upper
276	100		
277	26.8	16.0	24.0#
138	21.9	20.0	30.0