Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
Data File : BE097276.D
Acq On : 15 Aug 2018 12:23
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Aug 15 13:12:20 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

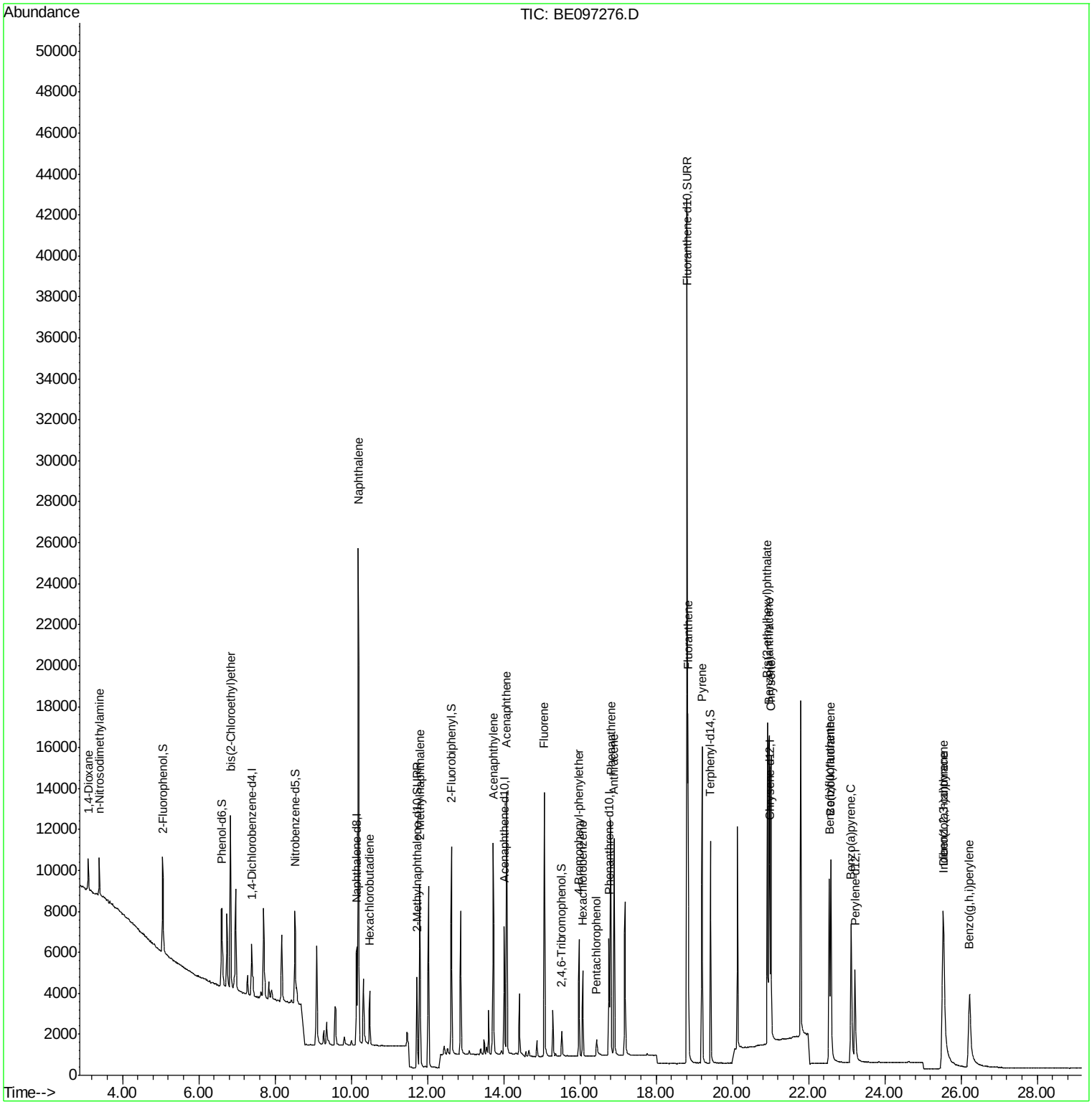
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1110	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5874	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3363	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	7460	0.40	ng		0.00
27) Chrysene-d12	20.98	240	7291	0.40	ng		0.00
34) Perylene-d12	23.22	264	6665	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	2658	1.00	ng		0.00
5) Phenol-d6	6.61	99	3973	0.98	ng		0.00
8) Nitrobenzene-d5	8.52	82	3958	0.92	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	6406	0.75	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	819	0.96	ng		-0.01
15) 2-Fluorobiphenyl	12.63	172	9231	0.74	ng		0.00
25) Fluoranthene-d10	18.81	212	55059	0.85	ng		0.00
29) Terphenyl-d14	19.43	244	10256	0.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	881	0.554	ng	#	93
3) n-Nitrosodimethylamine	3.38	42	1120	0.626	ng	#	95
6) bis(2-Chloroethyl)ether	6.84	93	3081	0.775	ng		95
9) Naphthalene	10.18	128	39552	0.752	ng		100
10) Hexachlorobutadiene	10.48	225	1826	0.859	ng		98
12) 2-Methylnaphthalene	11.80	142	6621	0.742	ng		100
16) Acenaphthylene	13.73	152	11338	0.738	ng		100
17) Acenaphthene	14.07	154	6532	0.684	ng	#	92
18) Fluorene	15.06	166	8157	0.761	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	2895	0.821	ng	#	81
21) Hexachlorobenzene	16.08	284	3303	0.843	ng	#	83
22) Pentachlorophenol	16.44	266	670	1.042	ng	#	75
23) Phenanthrene	16.81	178	13451	0.753	ng		99
24) Anthracene	16.89	178	12058	0.776	ng		95
26) Fluoranthene	18.84	202	14860	0.789	ng		98
28) Pyrene	19.21	202	14358	0.667	ng		99
30) Benzo(a)anthracene	20.96	228	13932	0.802	ng		97
31) Chrysene	21.02	228	13895	0.714	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	16083	0.928	ng		99
33) Indeno(1,2,3-cd)pyrene	25.52	276	14787	1.042	ng	#	92
35) Benzo(b)fluoranthene	22.54	252	12109	0.712	ng	#	88
36) Benzo(k)fluoranthene	22.59	252	15198	0.751	ng		96
37) Benzo(a)pyrene	23.12	252	12318	0.809	ng	#	93
38) Dibenzo(a,h)anthracene	25.54	278	12189	0.981	ng	#	96
39) Benzo(g,h,i)perylene	26.23	276	12101	0.875	ng	#	89

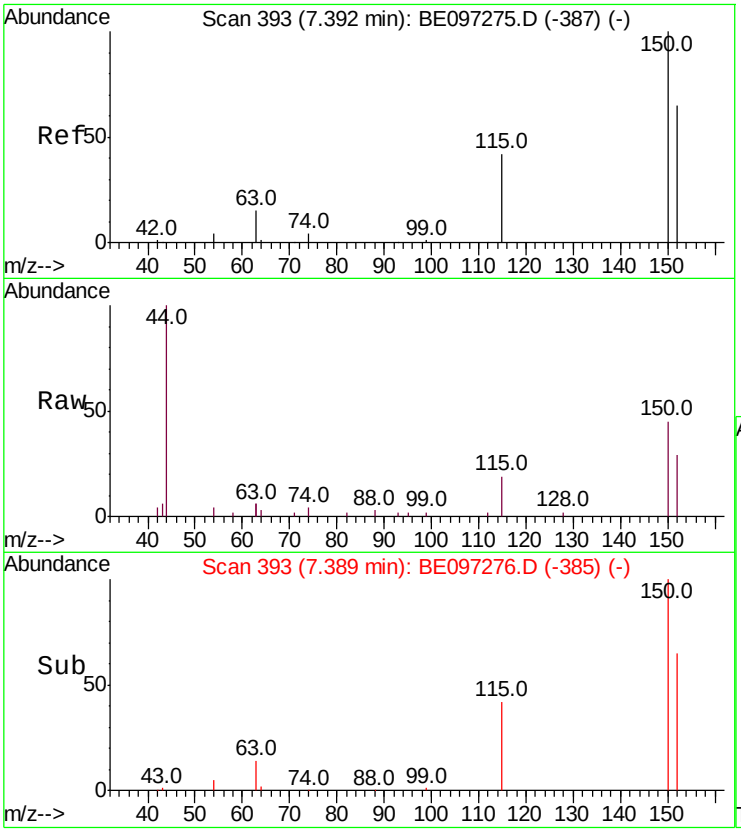
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
Data File : BE097276.D
Acq On : 15 Aug 2018 12:23
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 15 13:12:20 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



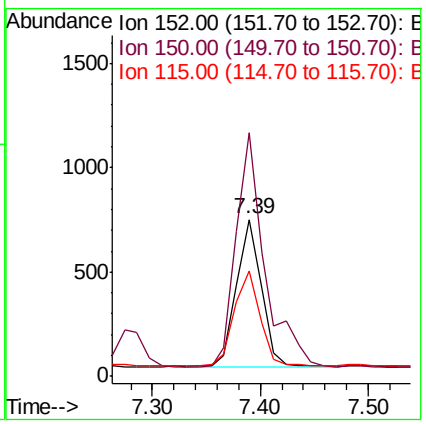


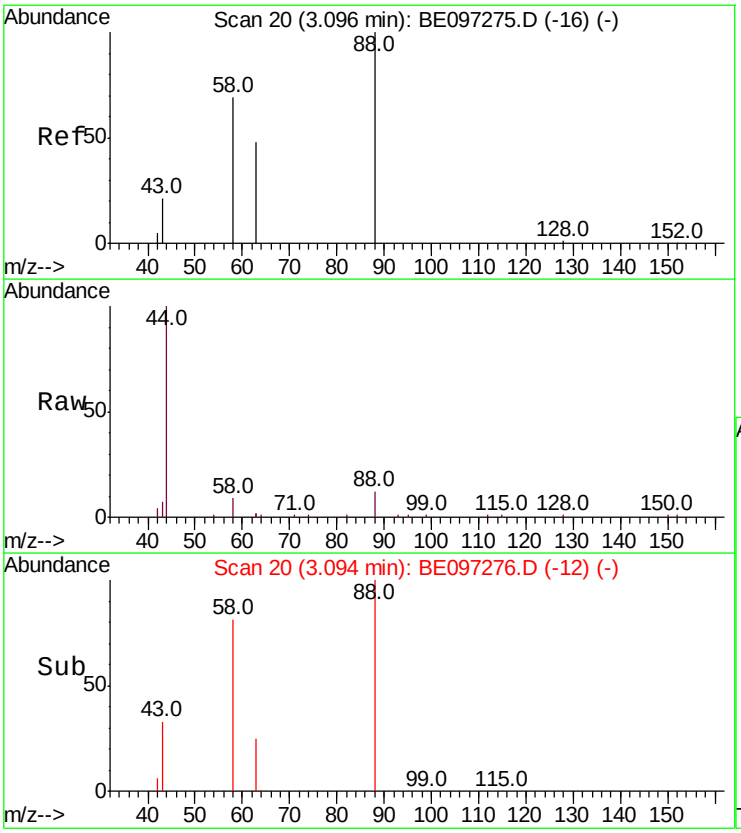
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1110

Ion	Ratio	Lower	Upper
152	100		
150	155.0	117.2	175.8
115	66.9	57.0	85.6

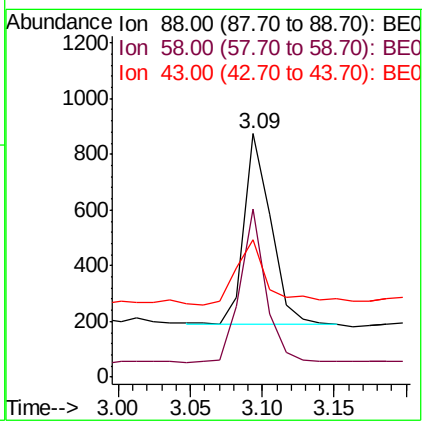


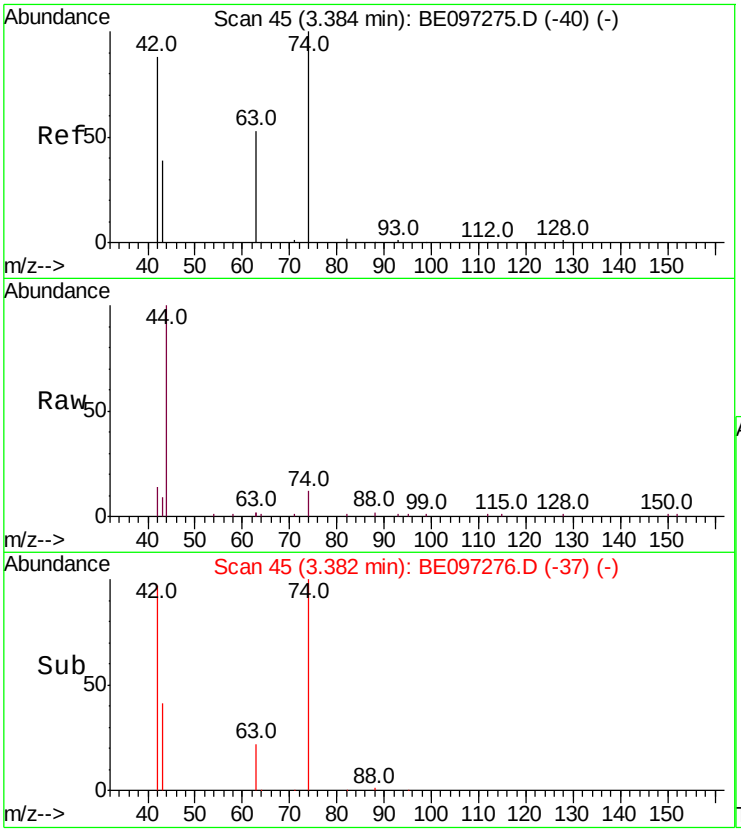


#2
1,4-Dioxane
Concen: 0.554 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion: 88 Resp: 881

Ion	Ratio	Lower	Upper
88	100		
58	77.2	63.2	94.8
43	40.7	41.2	61.8#



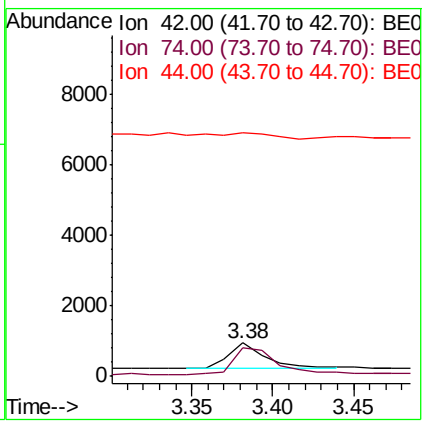


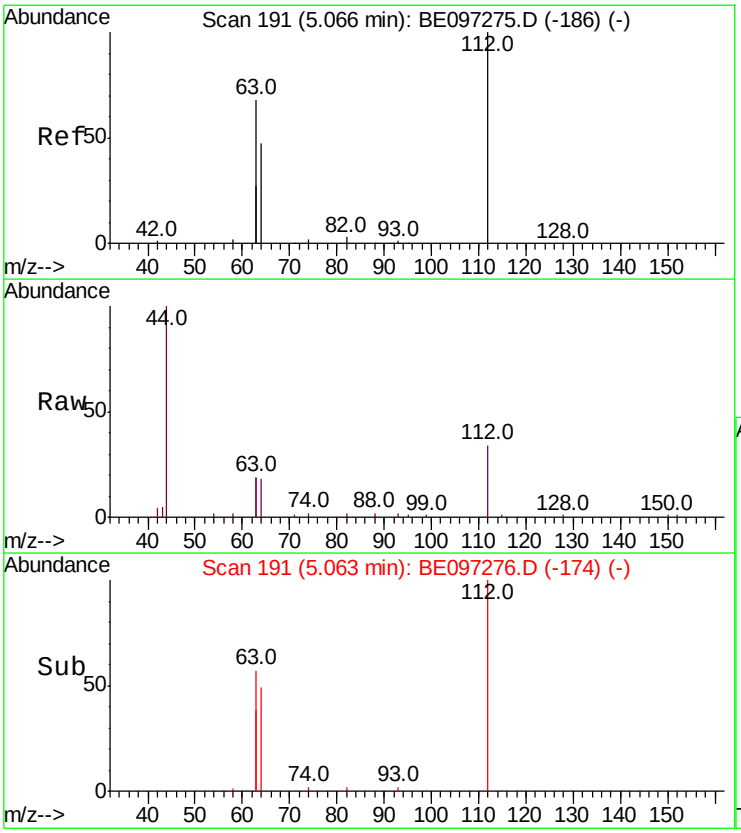
#3
n-Nitrosodimethylamine
Concen: 0.626 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1120

Ion	Ratio	Lower	Upper
42	100		
74	120.9	96.0	144.0
44	0.0	12.0	18.0#

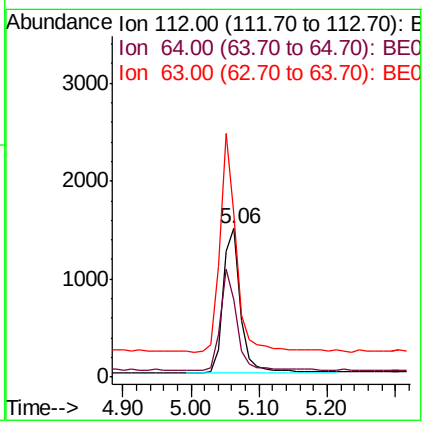


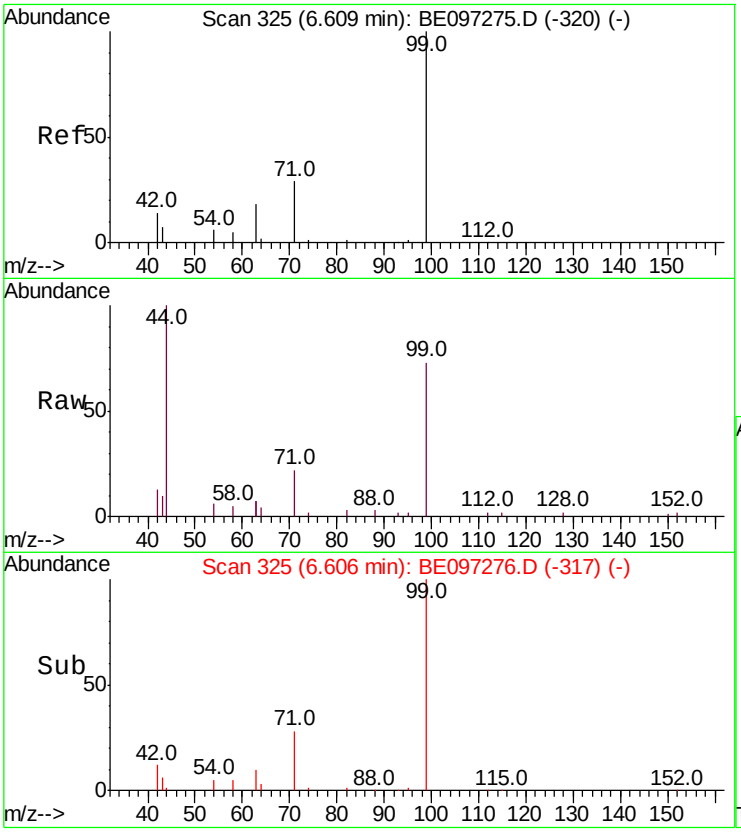


#4
2-Fluorophenol
Concen: 1.001 ng
RT: 5.06 min Scan# 191
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:112 Resp: 2658

Ion	Ratio	Lower	Upper
112	100		
64	65.4	60.1	90.1
63	140.4	116.8	175.2



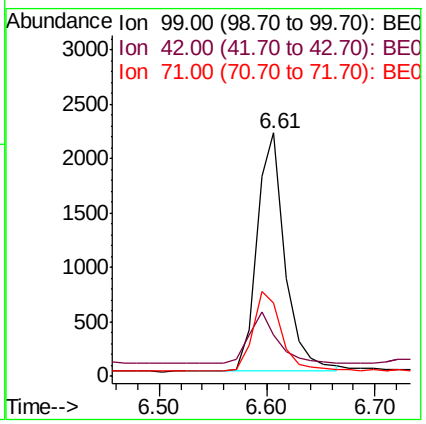


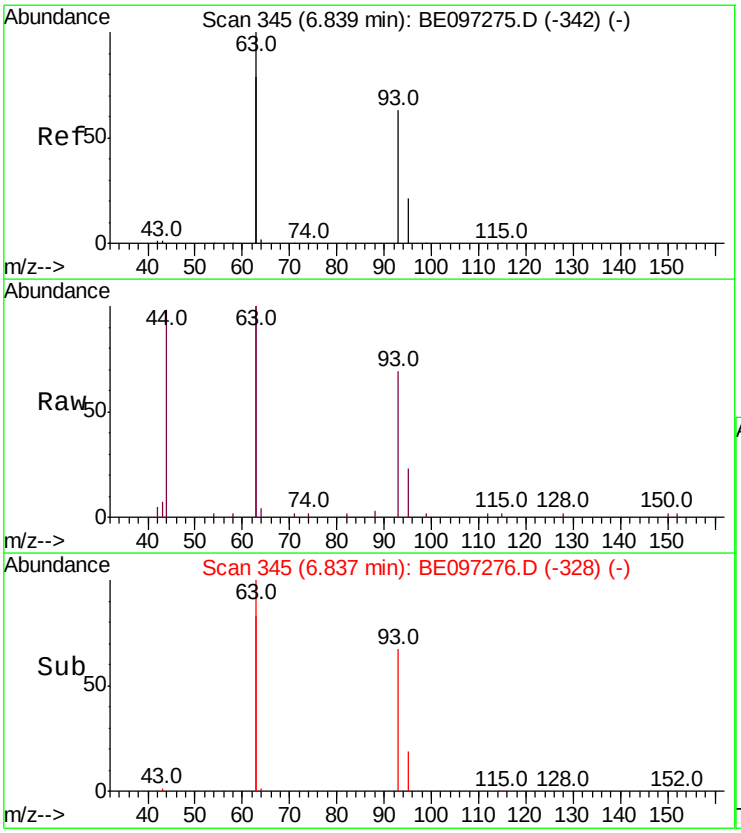
#5
Phenol-d6
Concen: 0.980 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 3973

Ion	Ratio	Lower	Upper
99	100		
42	21.9	20.2	30.2
71	34.2	28.4	42.6

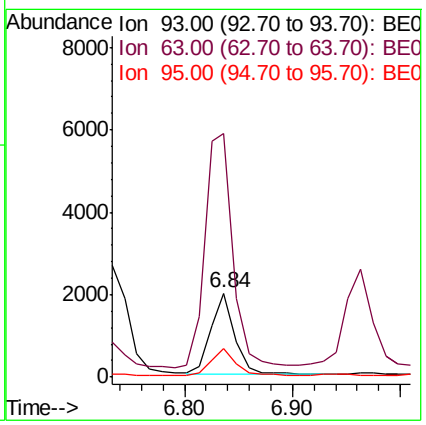


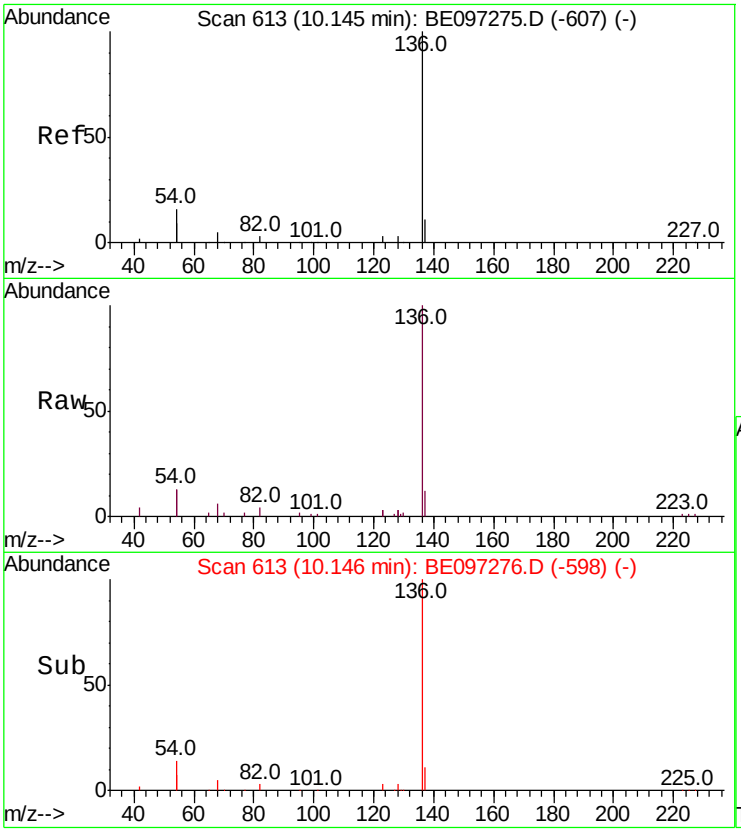


#6
bis(2-Chloroethyl)ether
Concen: 0.775 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion: 93 Resp: 3081

Ion	Ratio	Lower	Upper
93	100		
63	332.0	275.3	412.9
95	31.8	25.2	37.8



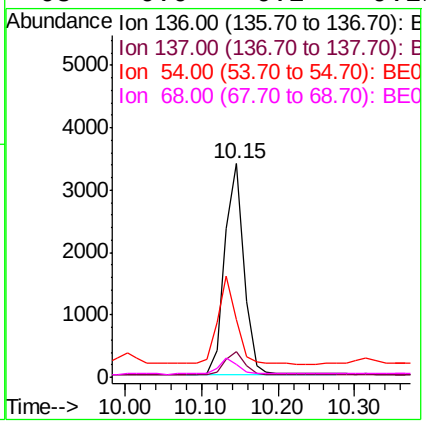


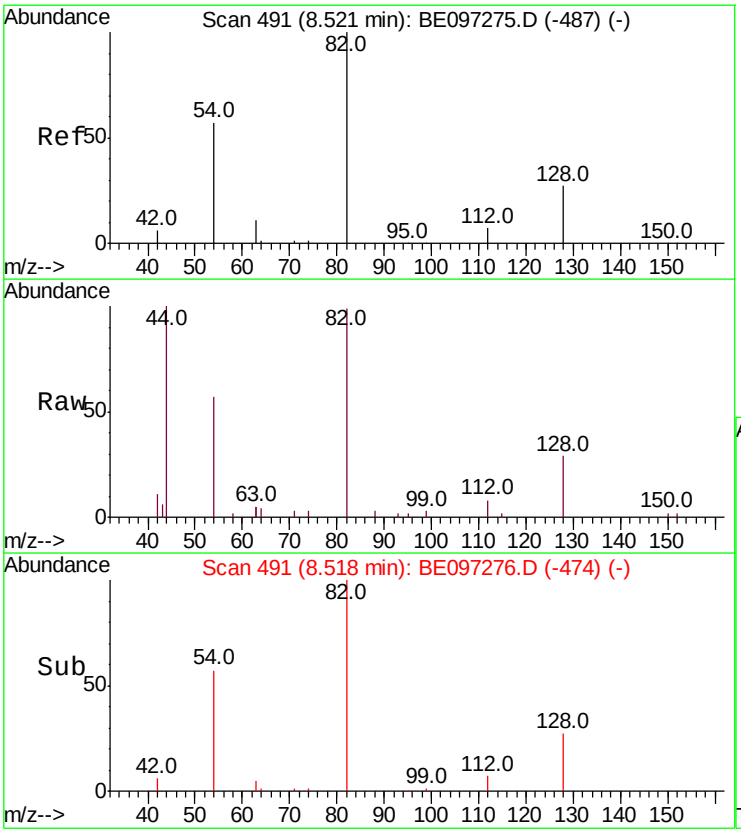
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 5874

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	26.9	29.1	43.7#
68	6.0	6.2	9.2#

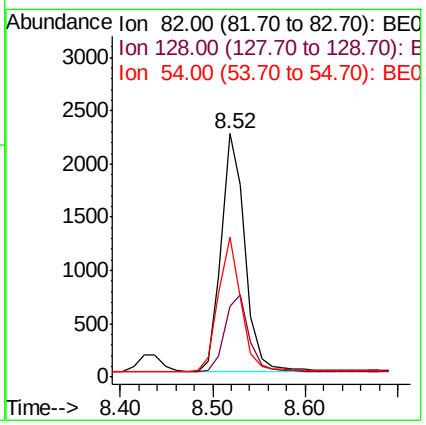


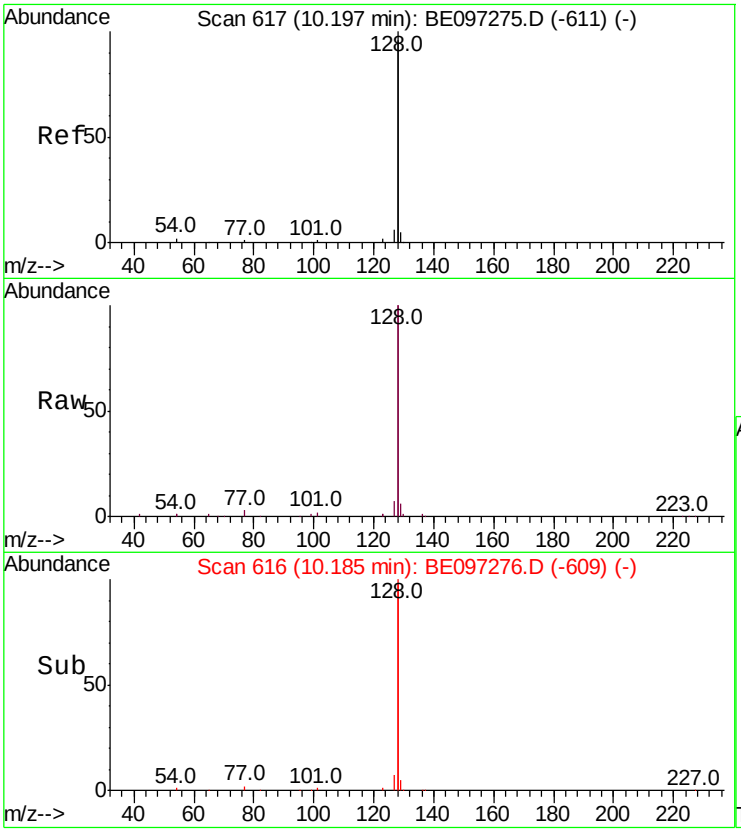


#8
Nitrobenzene-d5
Concen: 0.924 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion: 82 Resp: 3958

Ion	Ratio	Lower	Upper
82	100		
128	29.0	24.0	36.0
54	57.7	40.0	60.0



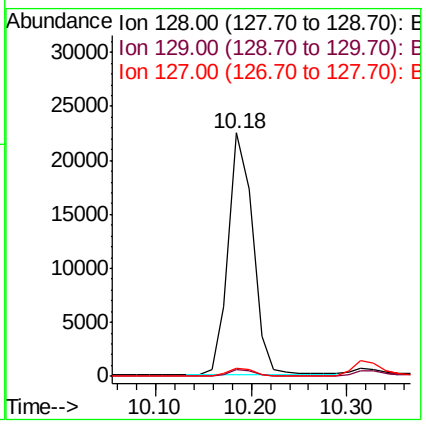


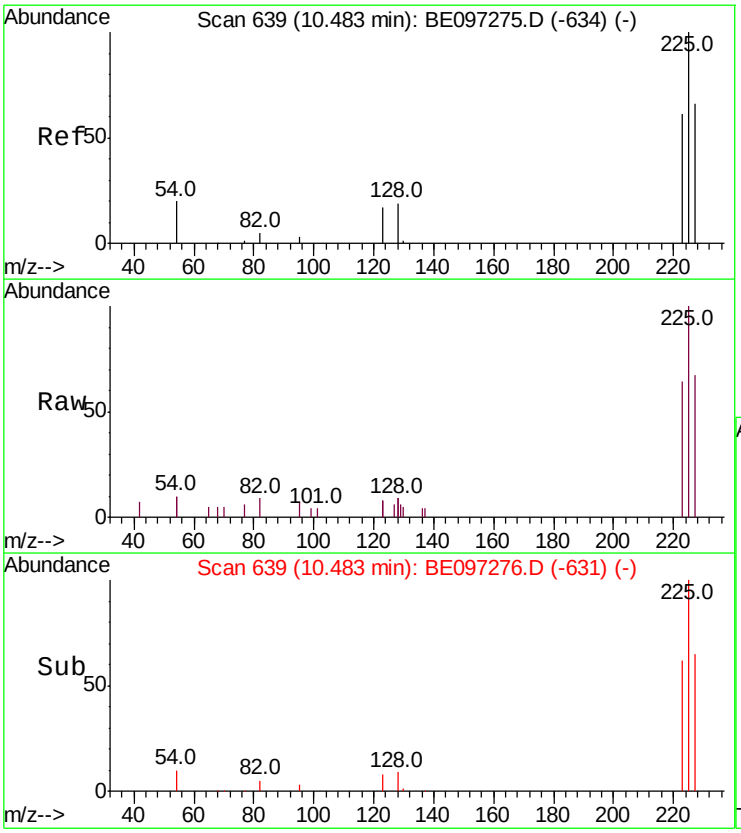
#9
Naphthalene
Concen: 0.752 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 39552

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

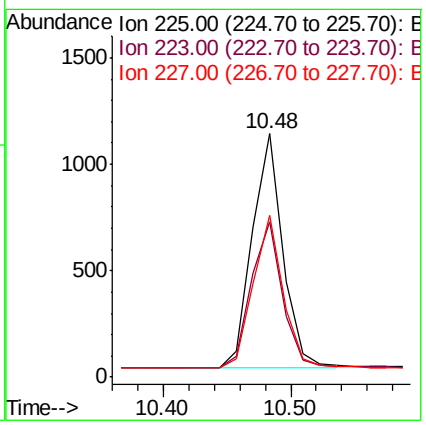


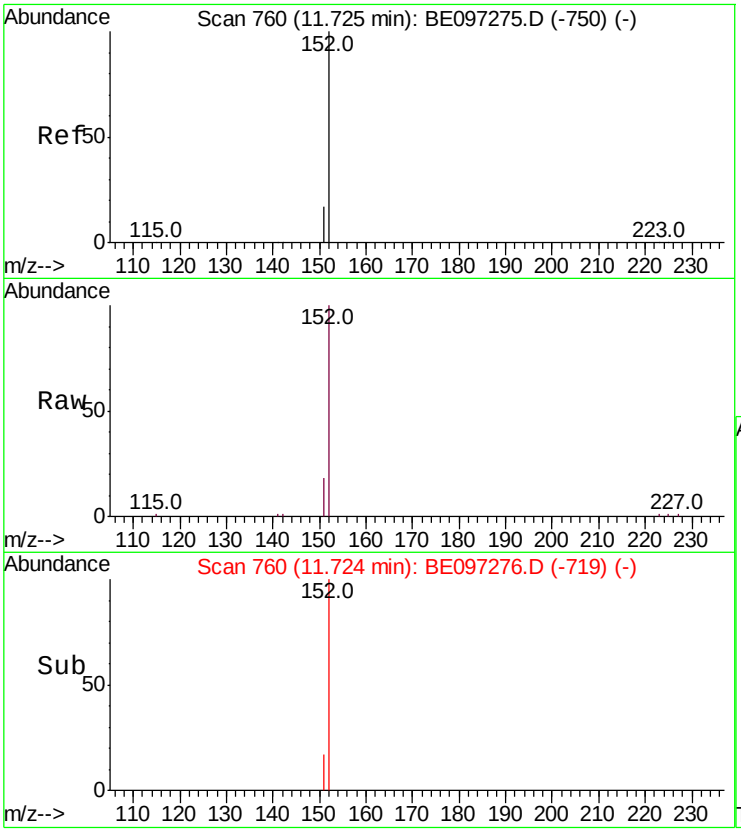


#10
Hexachlorobutadiene
Concen: 0.859 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:225 Resp: 1826

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	64.3	51.4	77.2



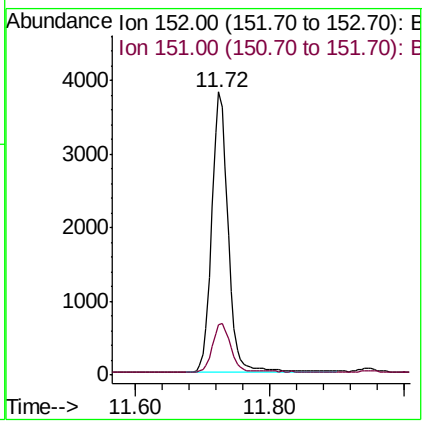


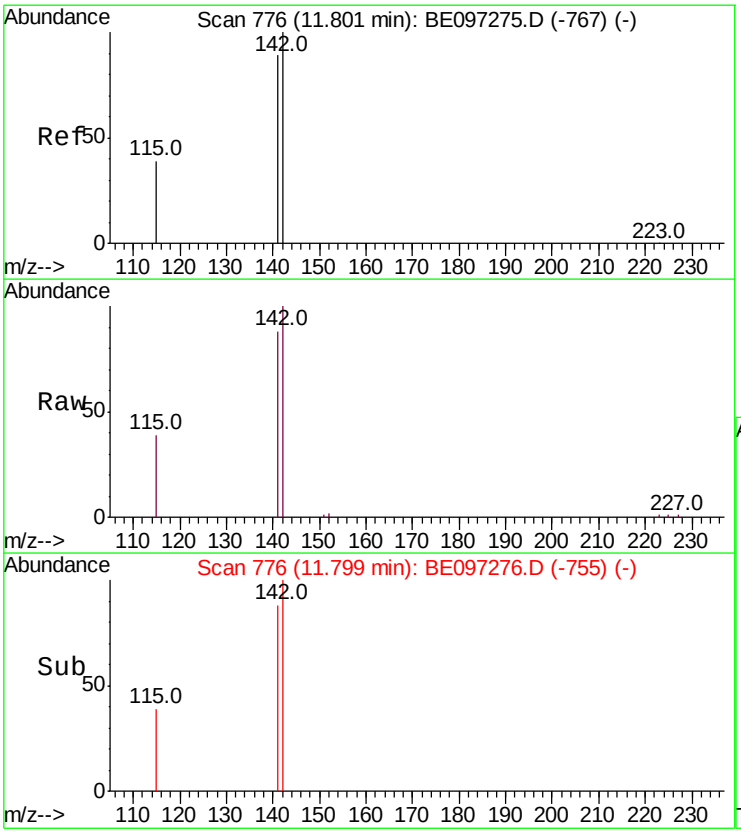
#11
2-Methylnaphthalene-d10
Concen: 0.748 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6406

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

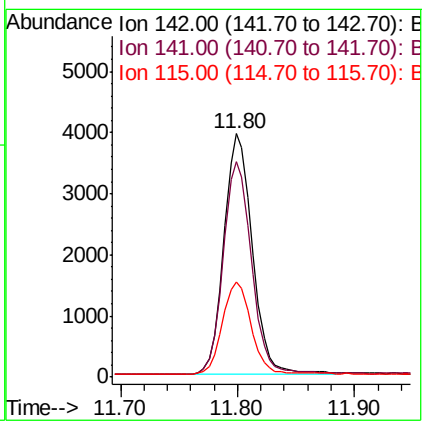


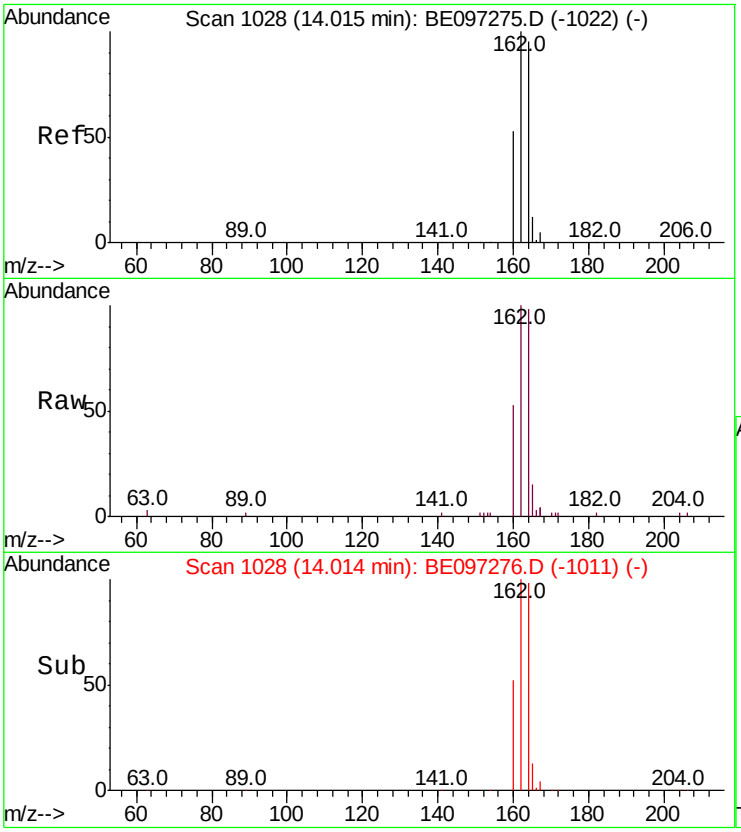


#12
2-Methylnaphthalene
Concen: 0.742 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:142 Resp: 6621

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	39.3	31.7	47.5



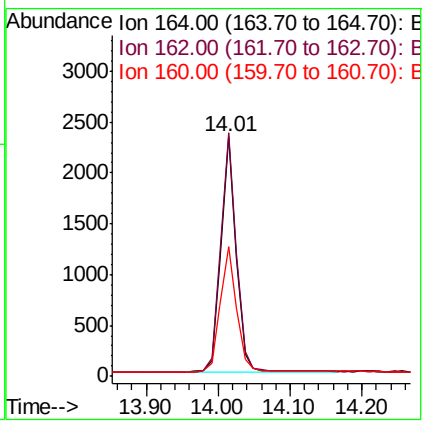


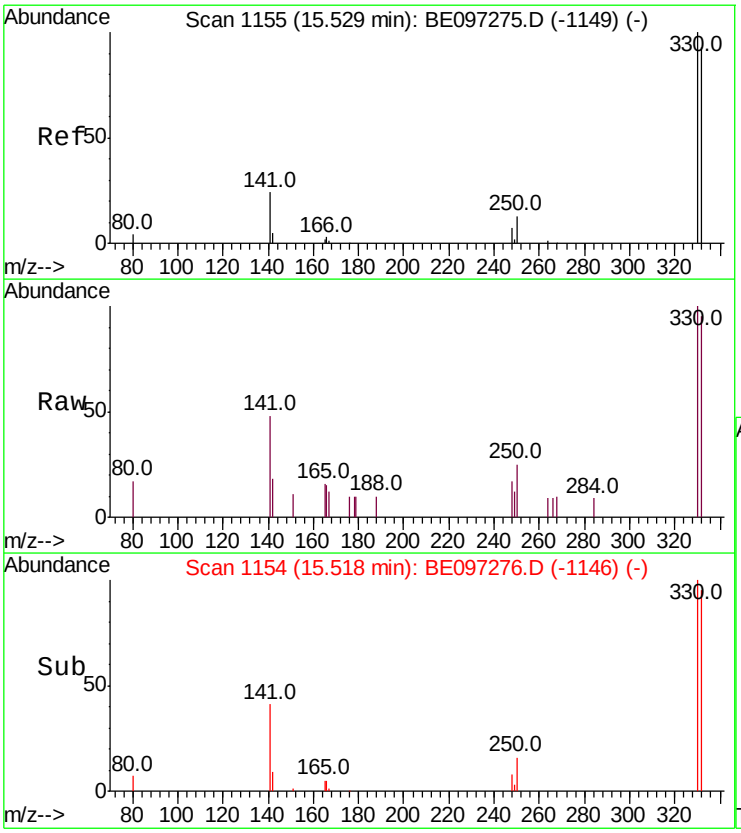
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 3363

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.1	124.7
160	54.3	37.1	55.7

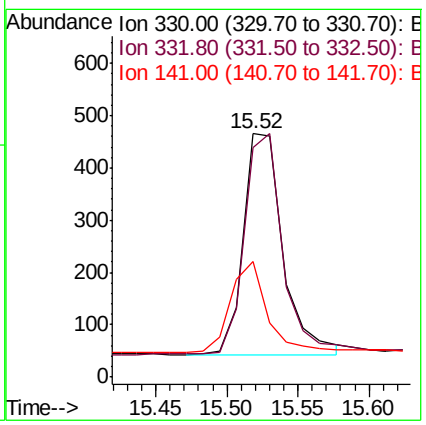


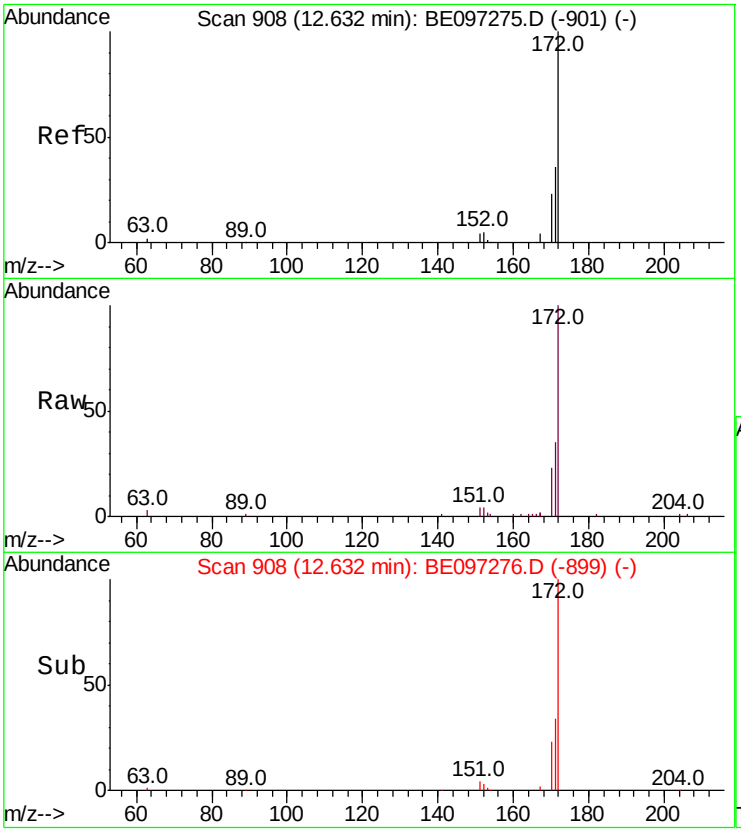


#14
2,4,6-Tribromophenol
Concen: 0.960 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:330 Resp: 819

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	38.5	33.7	50.5



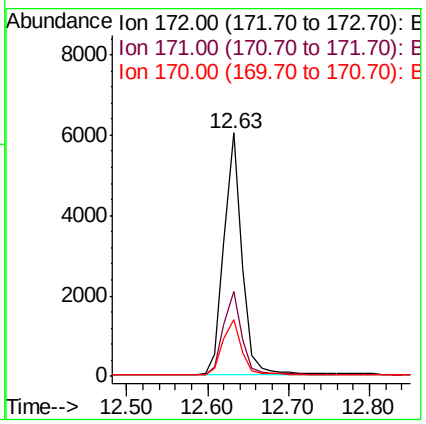


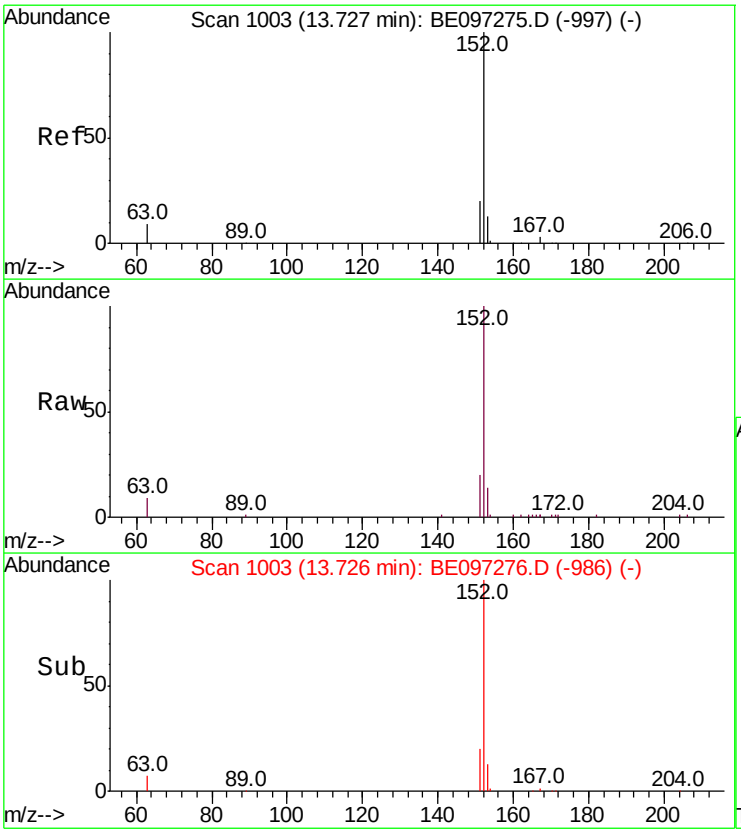
#15
2-Fluorobiphenyl
Concen: 0.738 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 9231

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.5	21.8	32.8

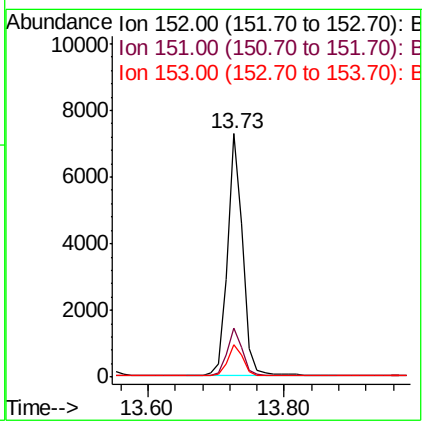


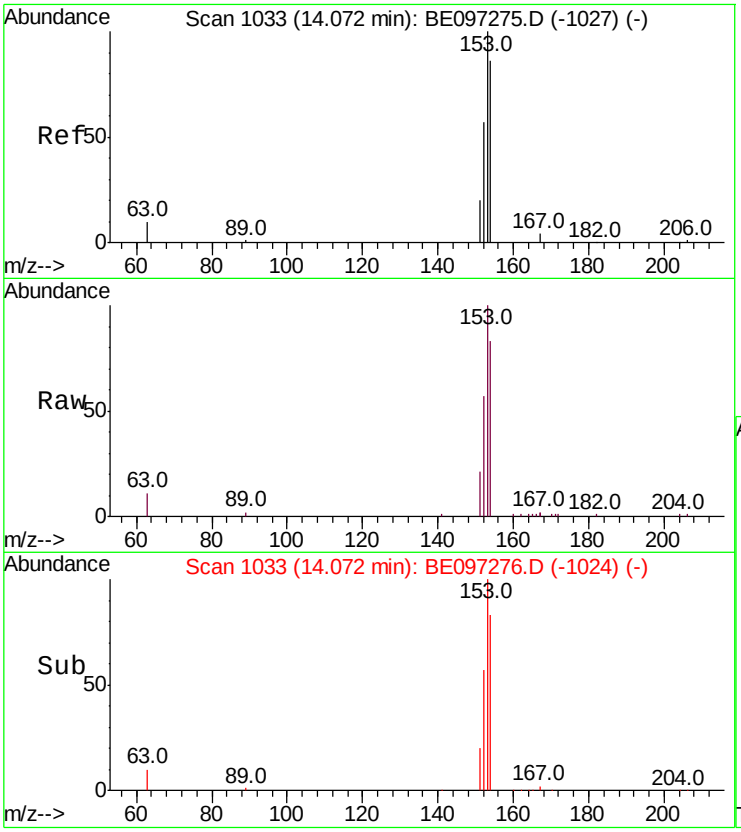


#16
Acenaphthylene
Concen: 0.738 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:152 Resp: 11338

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



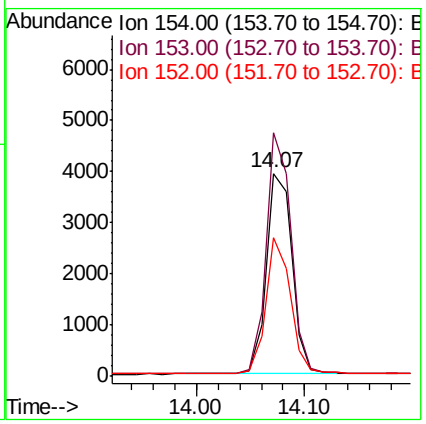


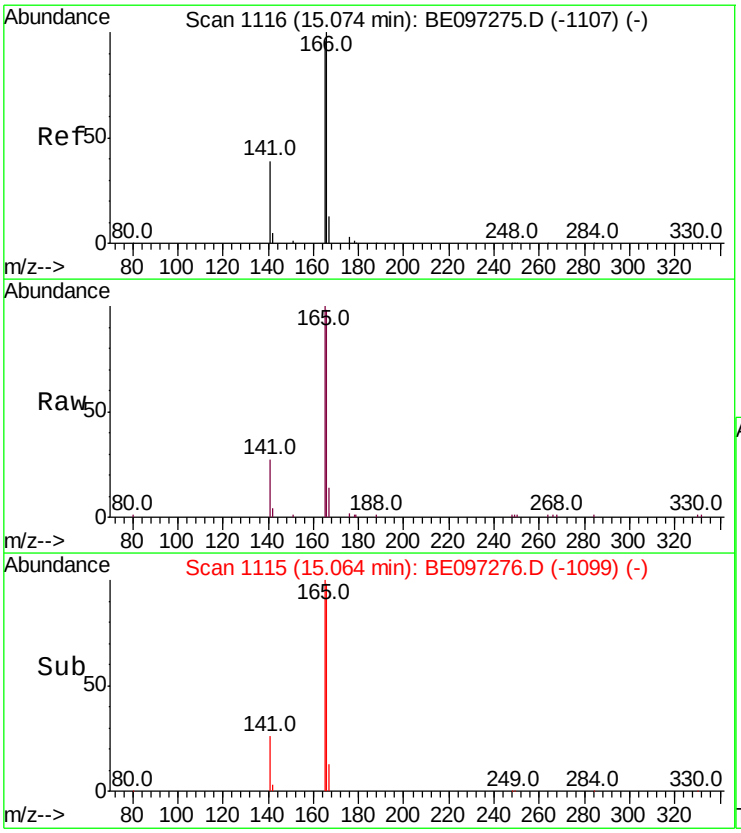
#17
Acenaphthene
Concen: 0.684 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 6532

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.2	133.8
152	64.6	42.0	63.0#

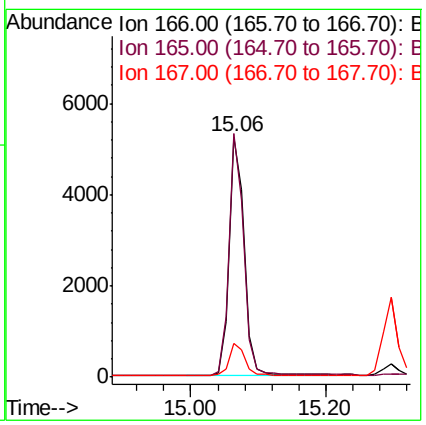


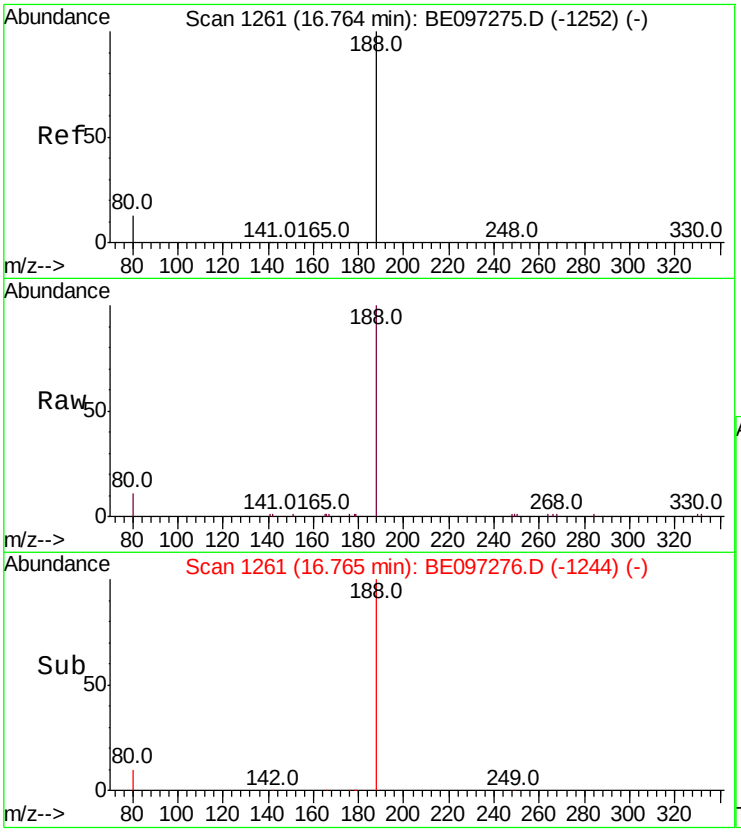


#18
Fluorene
Concen: 0.761 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:166 Resp: 8157

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.5	42.4	63.6#



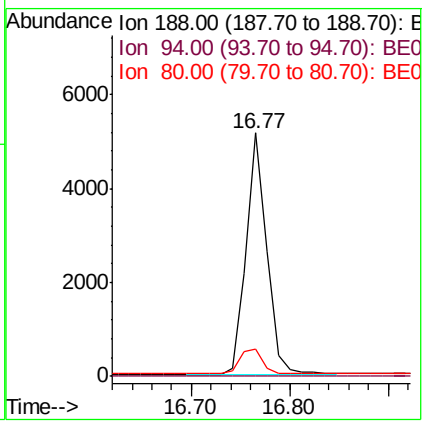


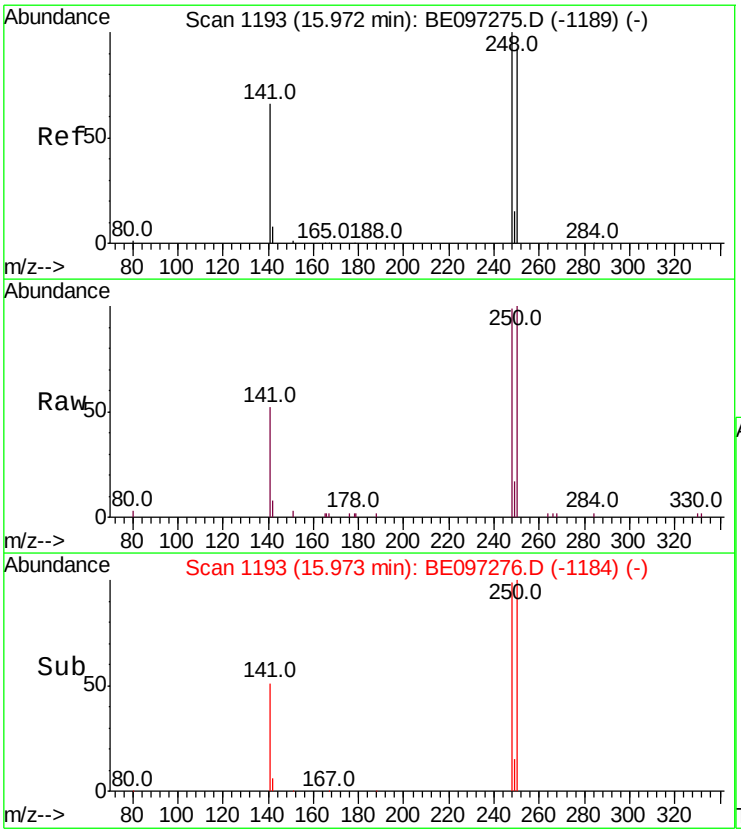
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 7460

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.2	3.6	5.4#

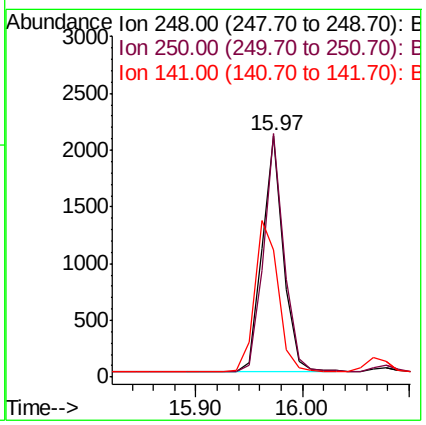


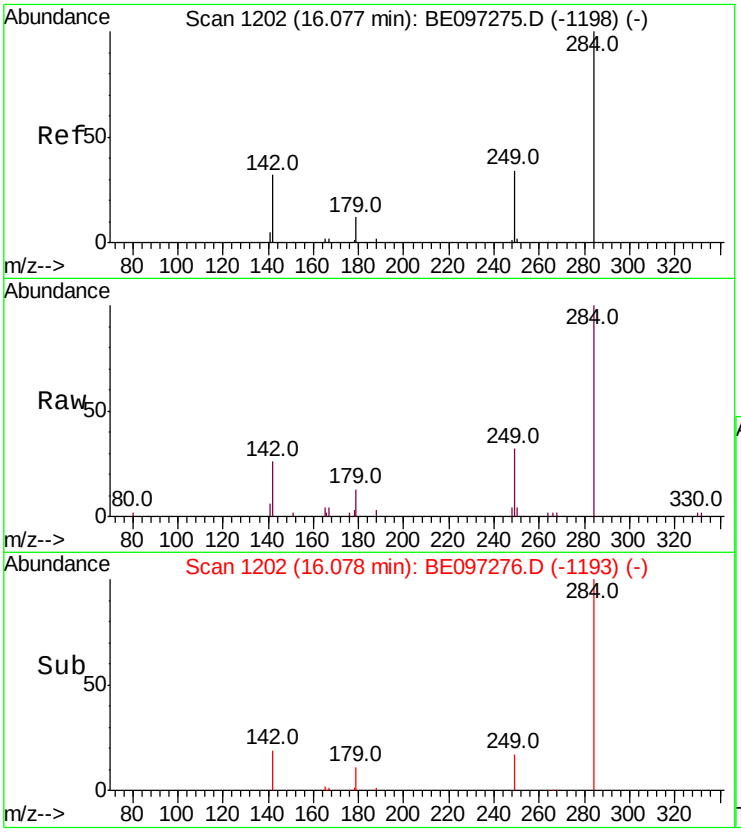


#20
4-Bromophenyl-phenylether
Concen: 0.821 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:248 Resp: 2895

Ion	Ratio	Lower	Upper
248	100		
250	100.8	62.7	94.1#
141	52.7	48.2	72.2



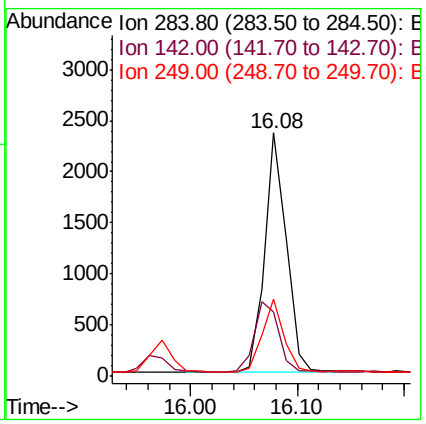


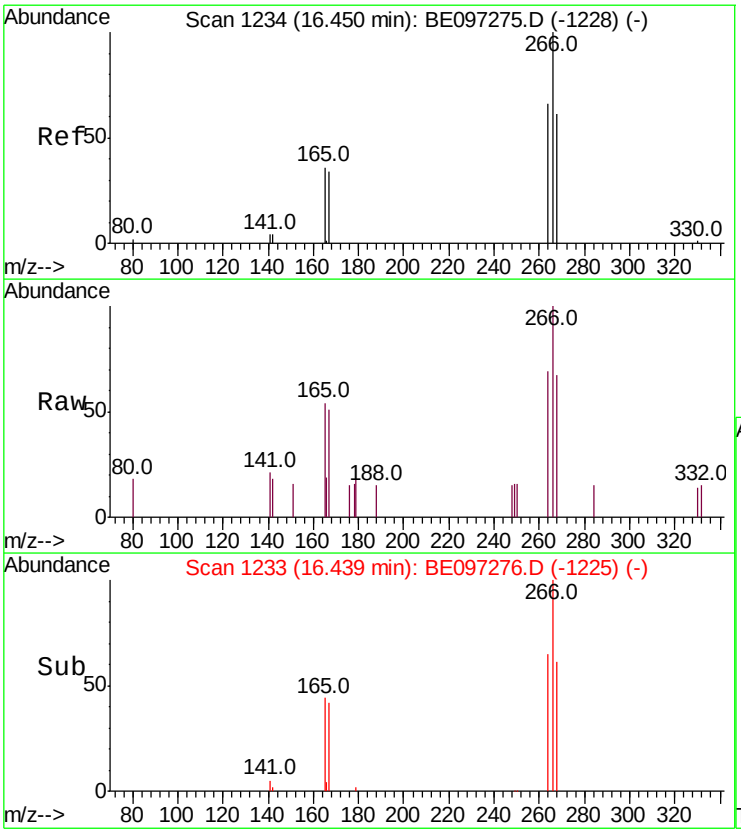
#21
Hexachlorobenzene
Concen: 0.843 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 3303

Ion	Ratio	Lower	Upper
284	100		
142	32.8	22.1	33.1
249	29.7	34.8	52.2#

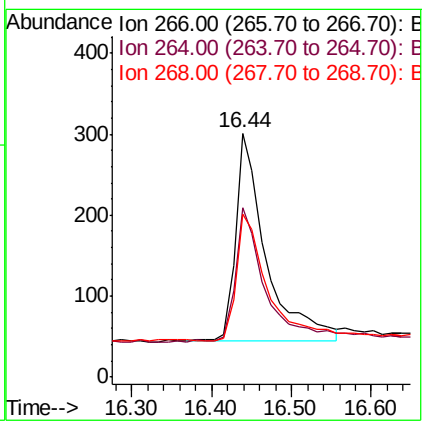


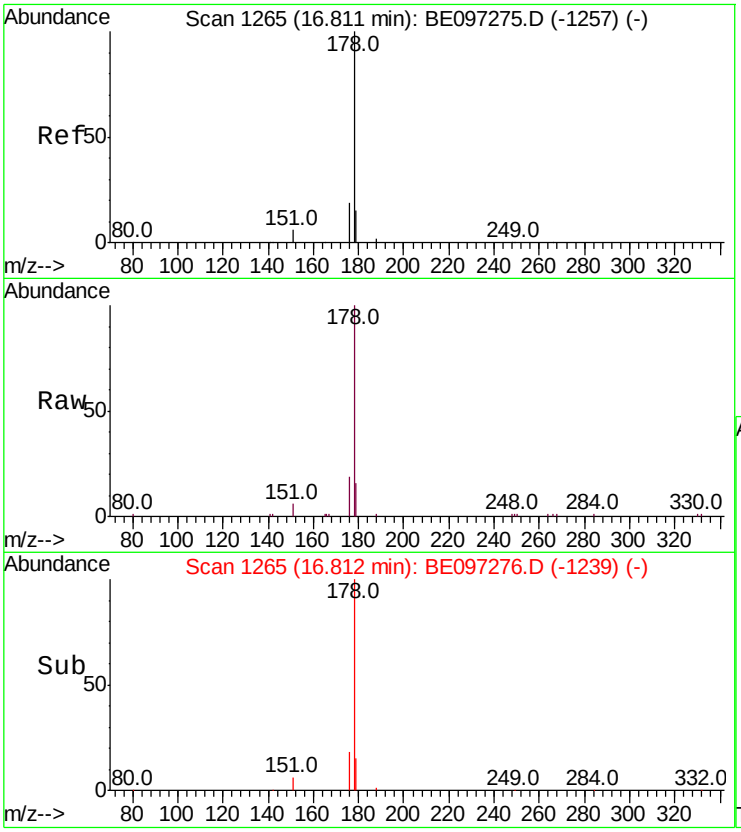


#22
Pentachlorophenol
Concen: 1.042 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:266 Resp: 670

Ion	Ratio	Lower	Upper
266	100		
264	69.4	72.5	108.7#
268	66.8	73.8	110.6#



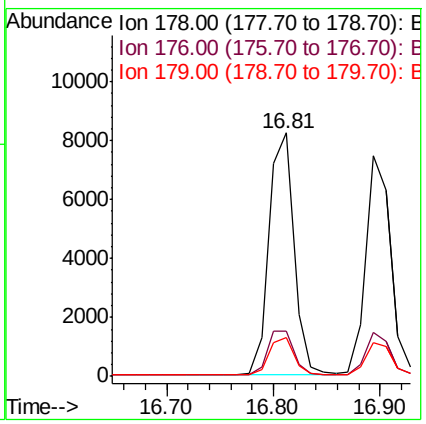


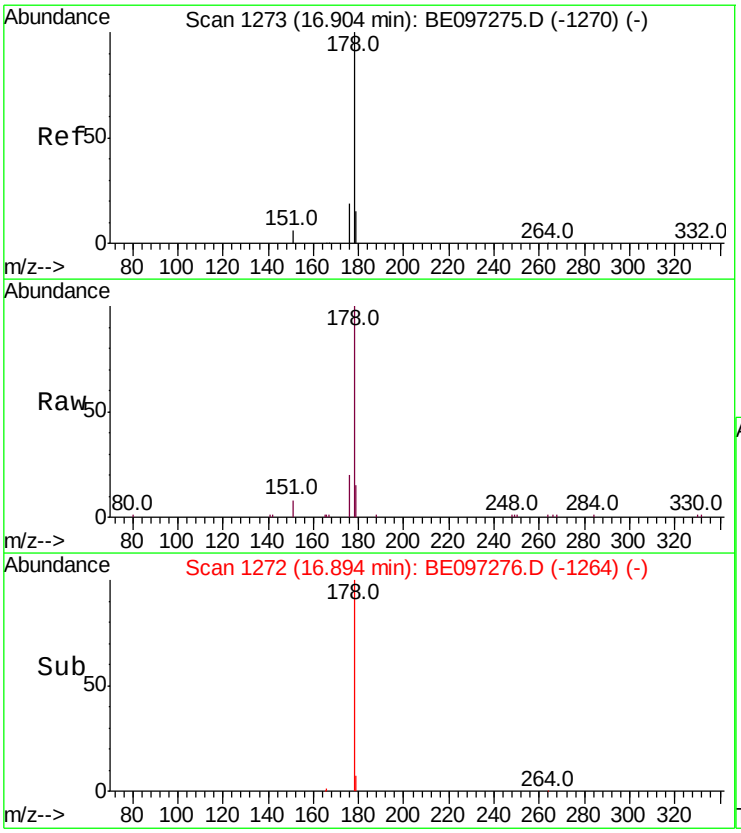
#23
Phenanthrene
Concen: 0.753 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 13451

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.2	11.8	17.6

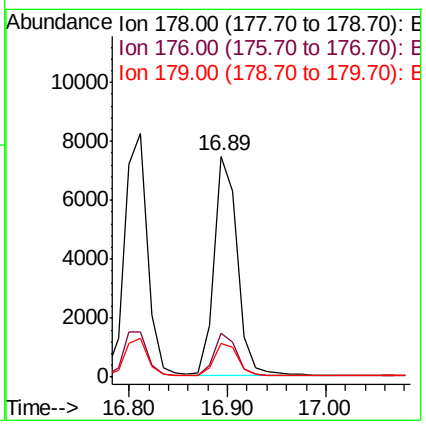


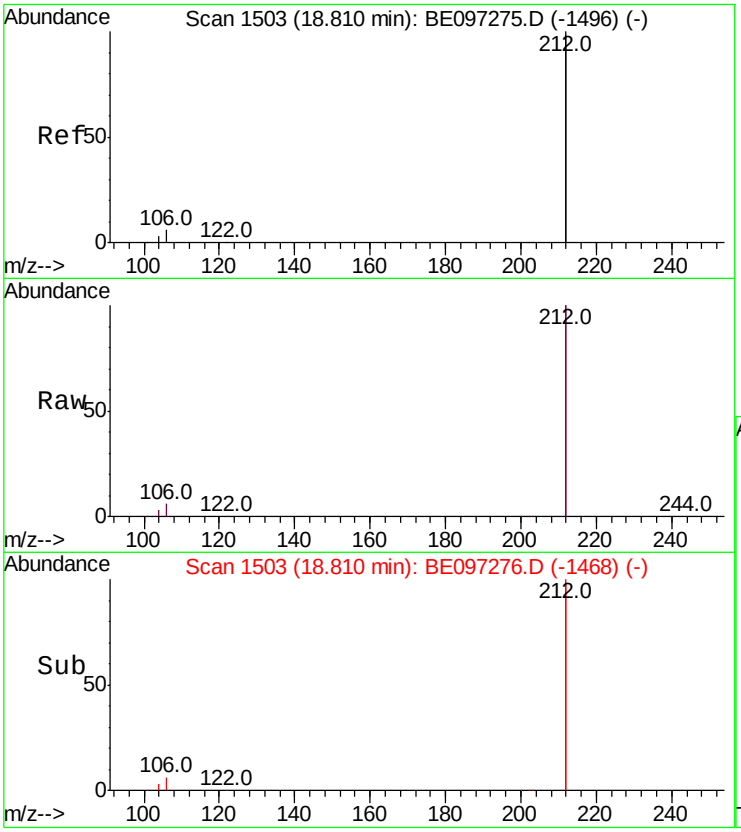


#24
Anthracene
Concen: 0.776 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:178 Resp: 12058

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.0	13.0	19.6



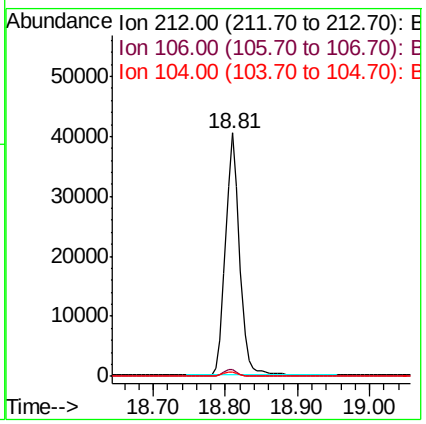


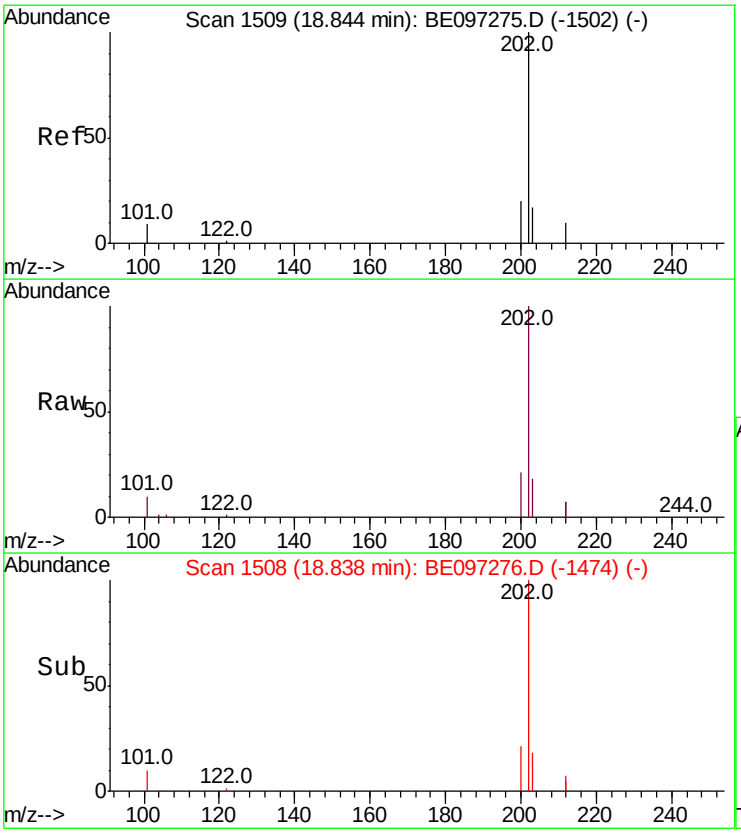
#25
Fluoranthene-d10
Concen: 0.848 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 55059

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

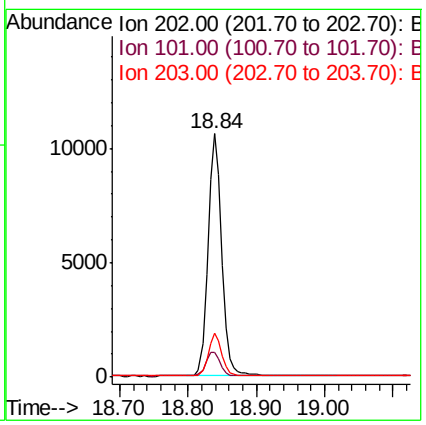


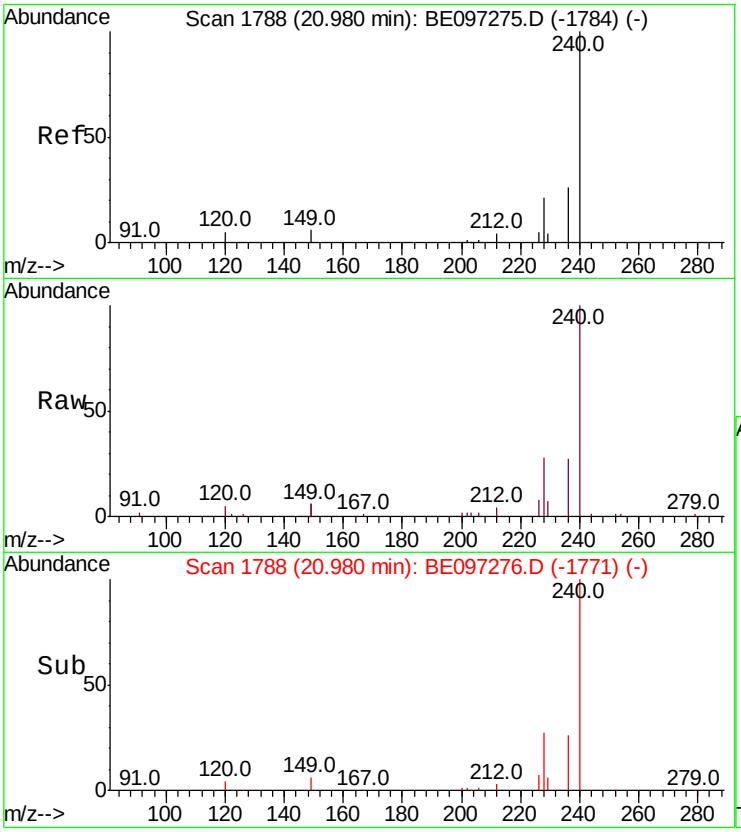


#26
Fluoranthene
Concen: 0.789 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:202 Resp: 14860

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	17.3	13.7	20.5



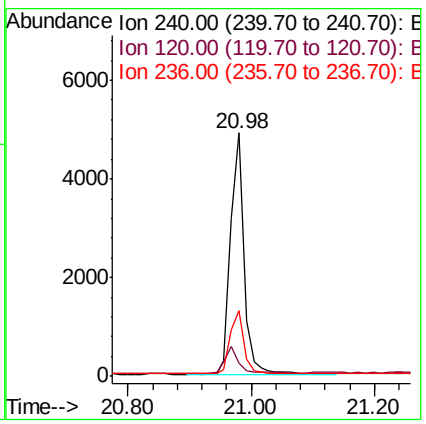


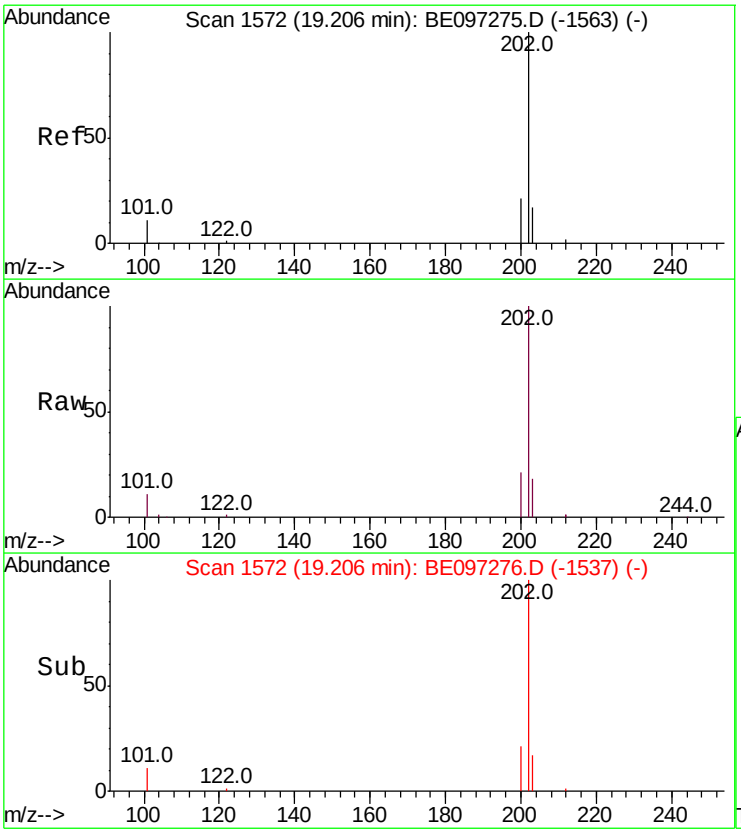
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 7291

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.5	8.3#
236	26.8	20.7	31.1

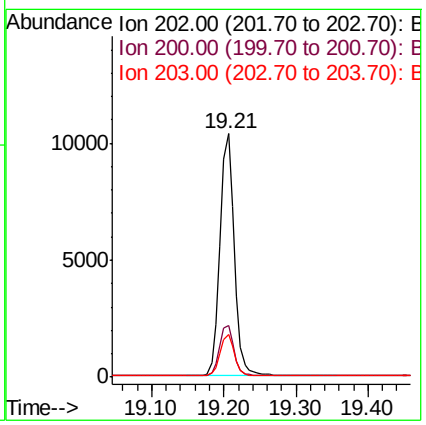


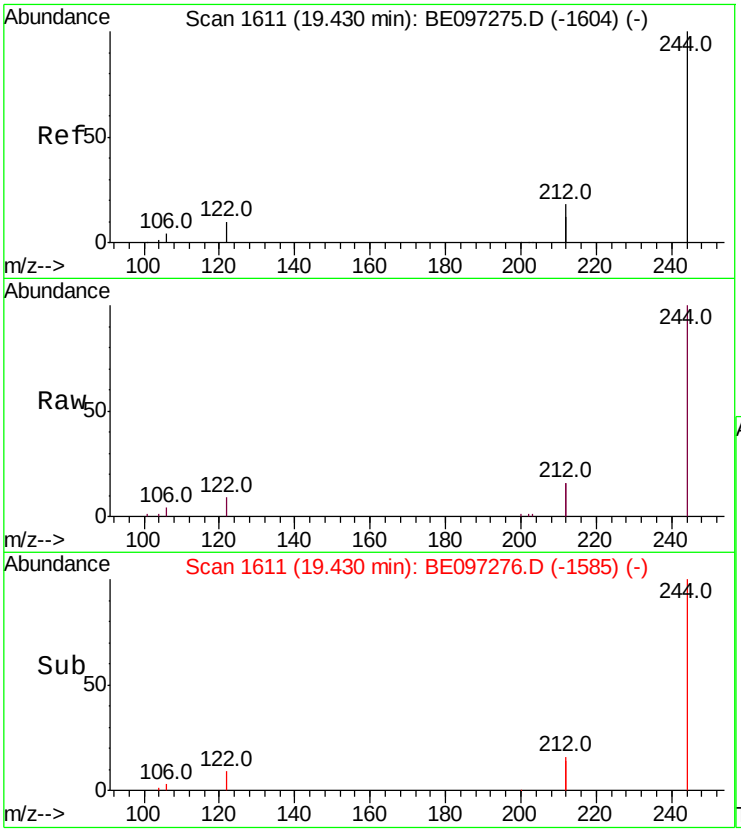


#28
Pyrene
Concen: 0.667 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:202 Resp: 14358

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	13.8	20.8



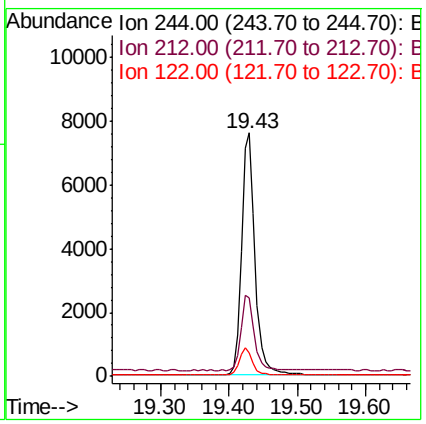


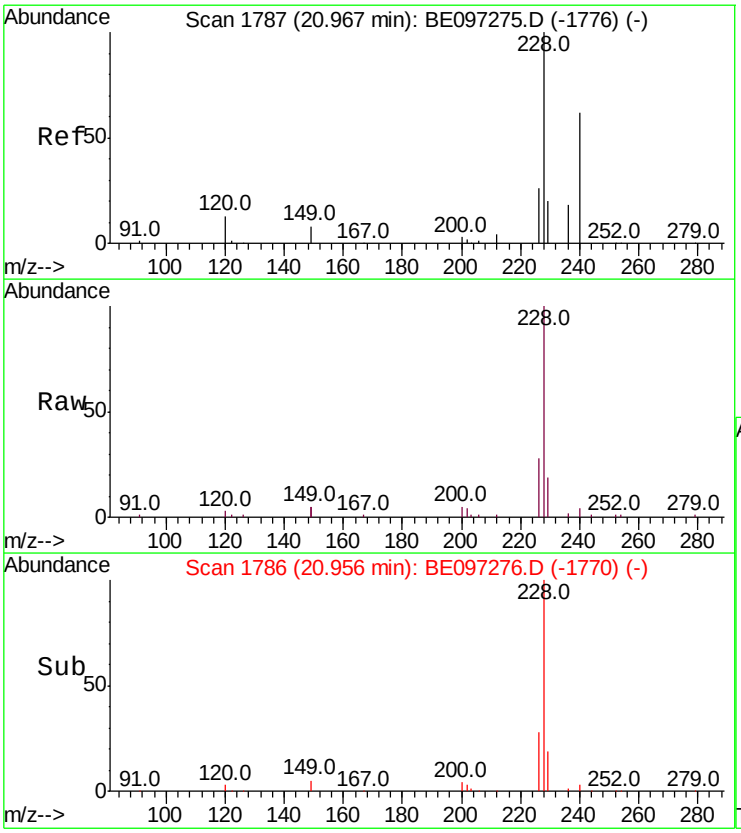
#29
Terphenyl-d14
Concen: 0.729 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 10256

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.4	38.0
122	9.4	8.1	12.1

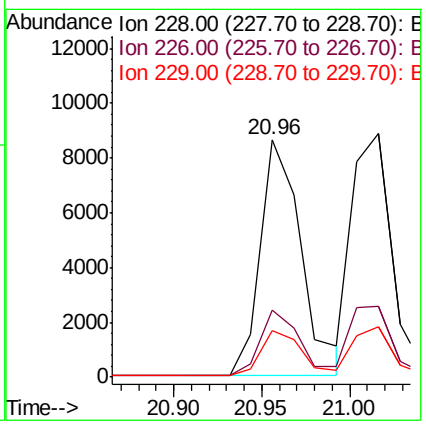


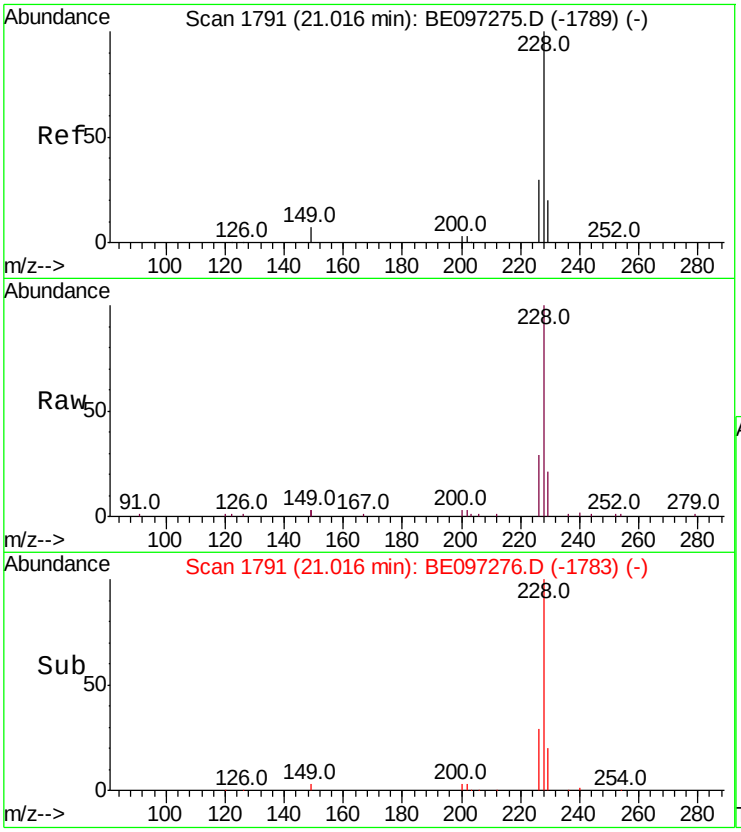


#30
Benzo(a)anthracene
Concen: 0.802 ng
RT: 20.96 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:228 Resp: 13932

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	19.4	16.0	24.0



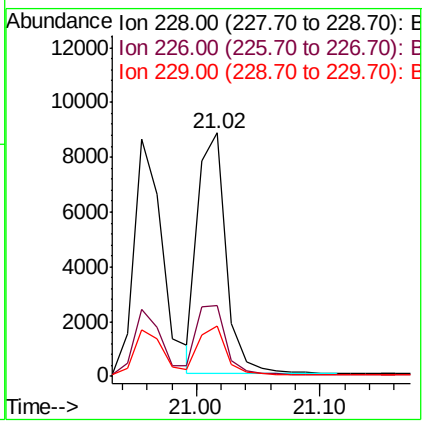


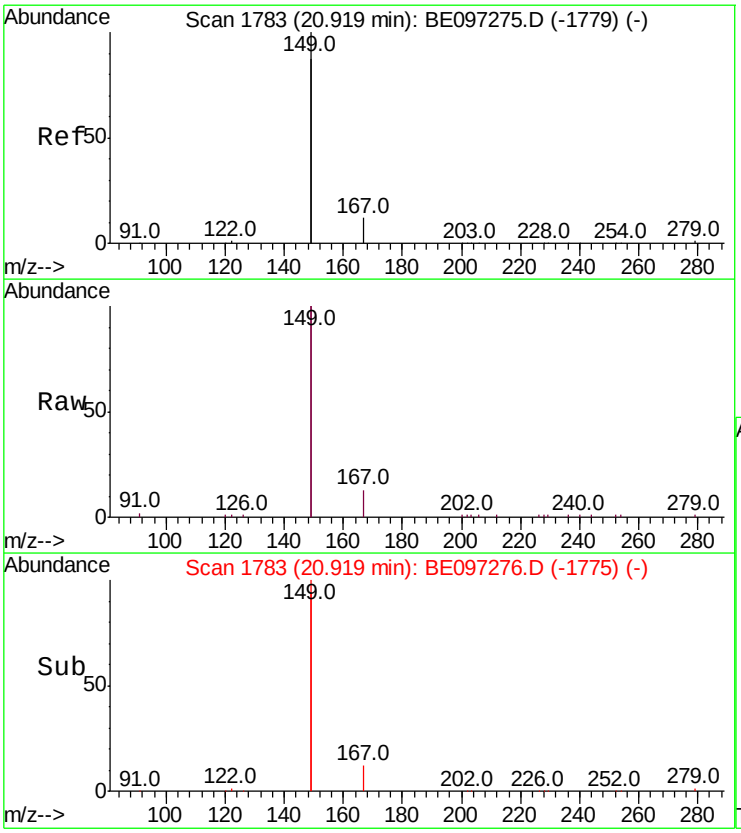
#31
Chrysene
Concen: 0.714 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 13895

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.5	16.0	24.0

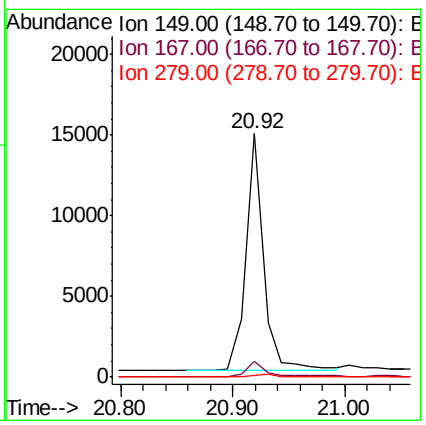


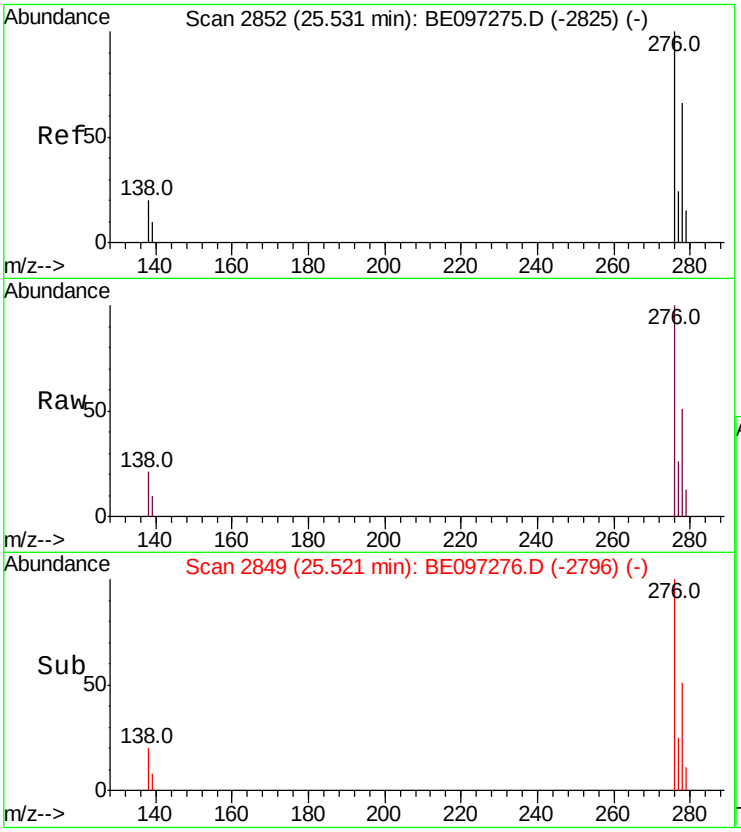


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.928 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:149 Resp: 16083

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1



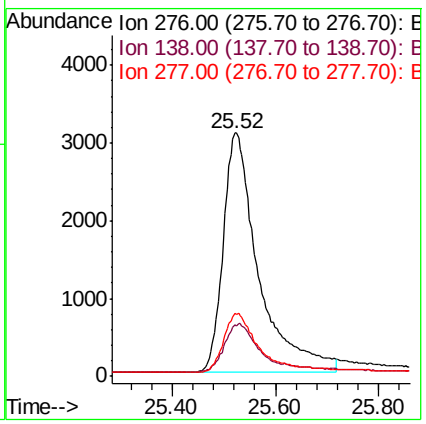


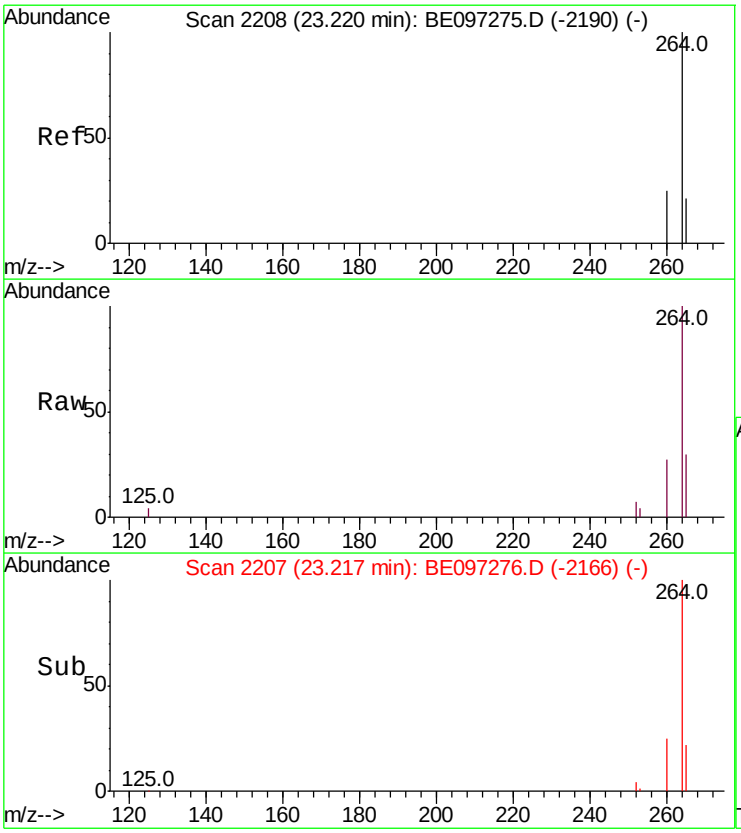
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.042 ng
RT: 25.52 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 14787

Ion	Ratio	Lower	Upper
276	100		
138	19.8	22.5	33.7#
277	25.0	19.9	29.9

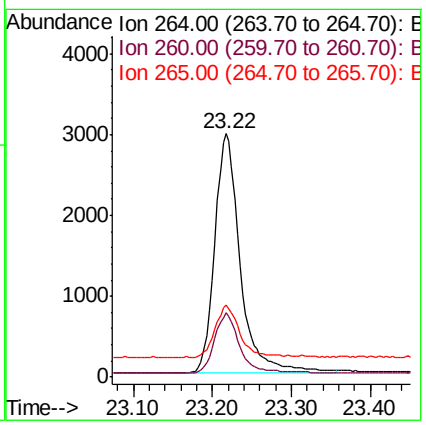


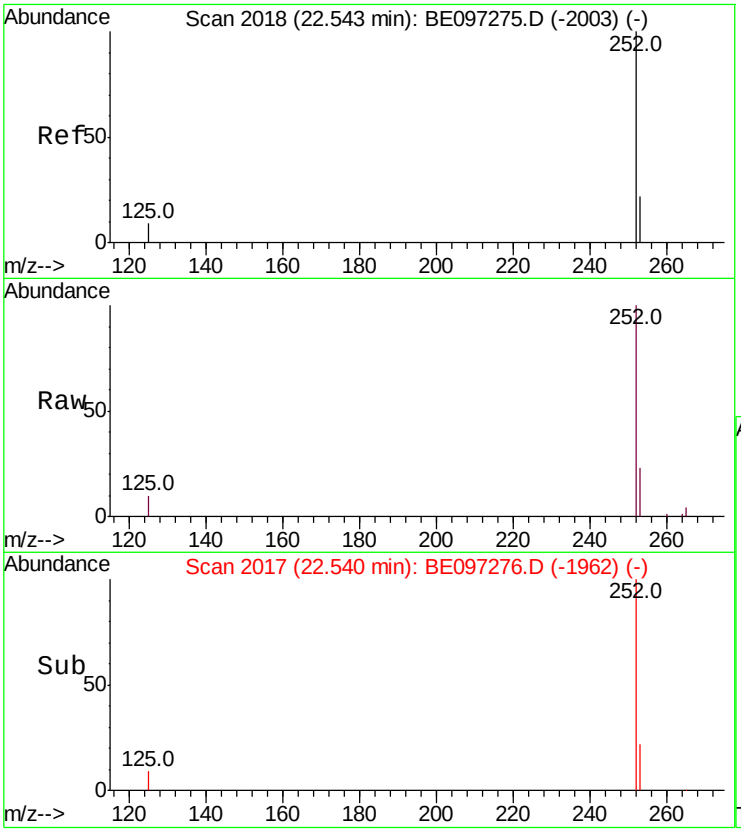


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:264 Resp: 6665

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	29.7	22.8	34.2



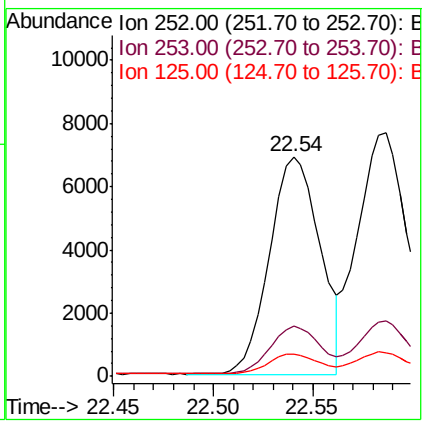


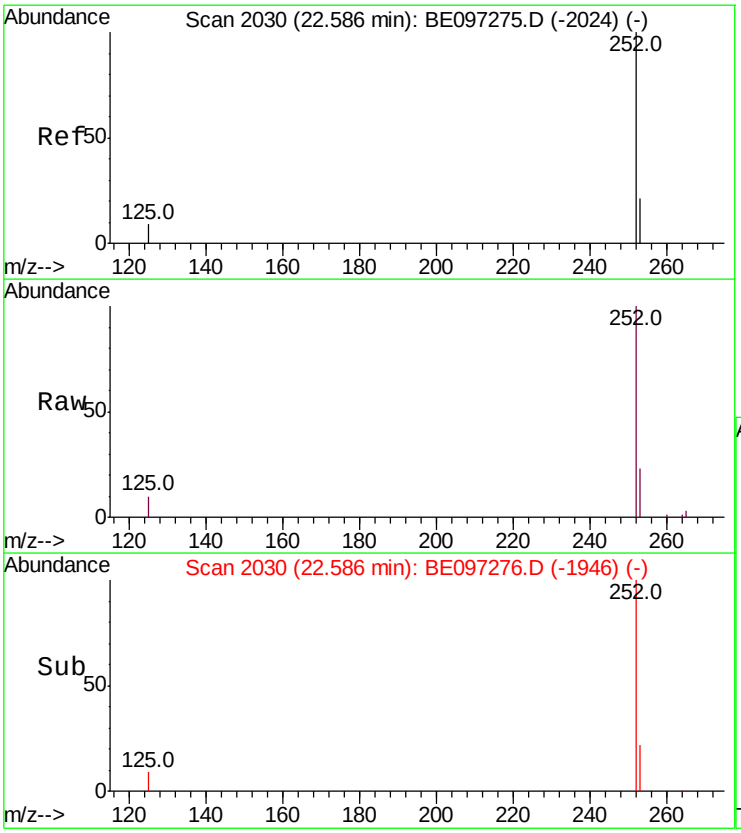
#35
Benzo(b)fluoranthene
Concen: 0.712 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 12109

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.0	30.0
125	10.2	16.0	24.0#

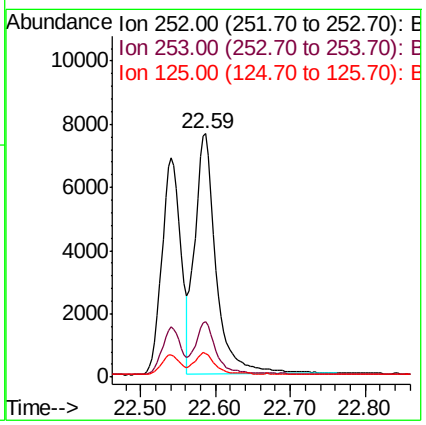


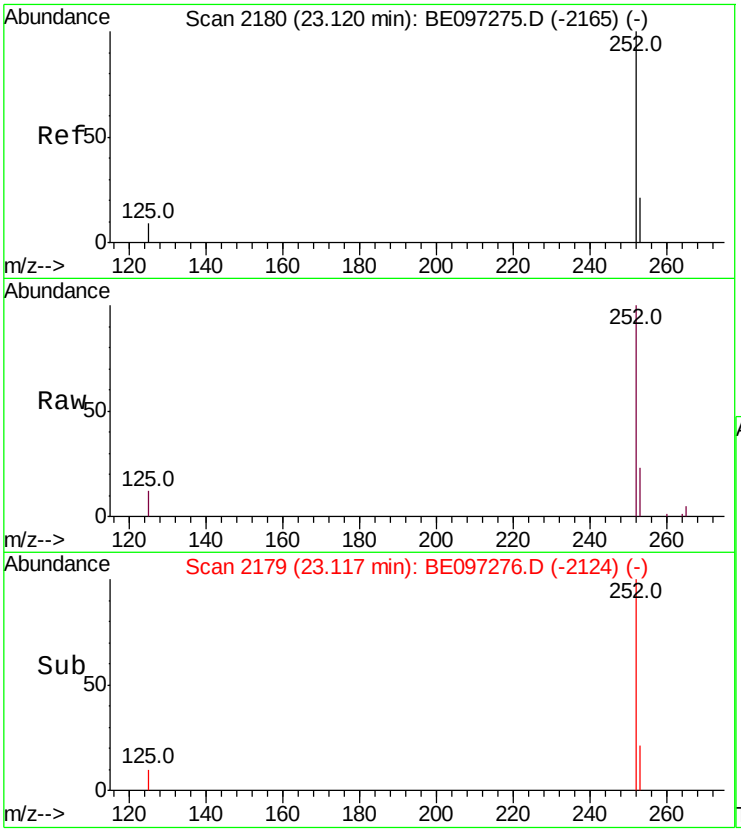


#36
Benzo(k)fluoranthene
Concen: 0.751 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:252 Resp: 15198

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	9.7	8.0	12.0



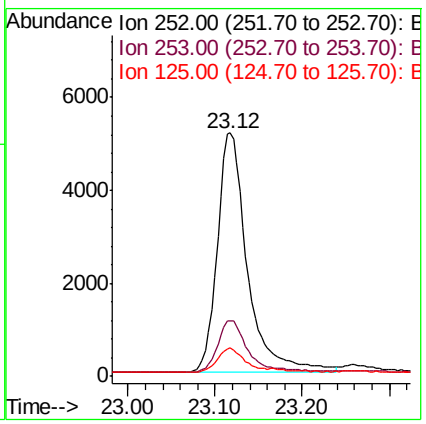


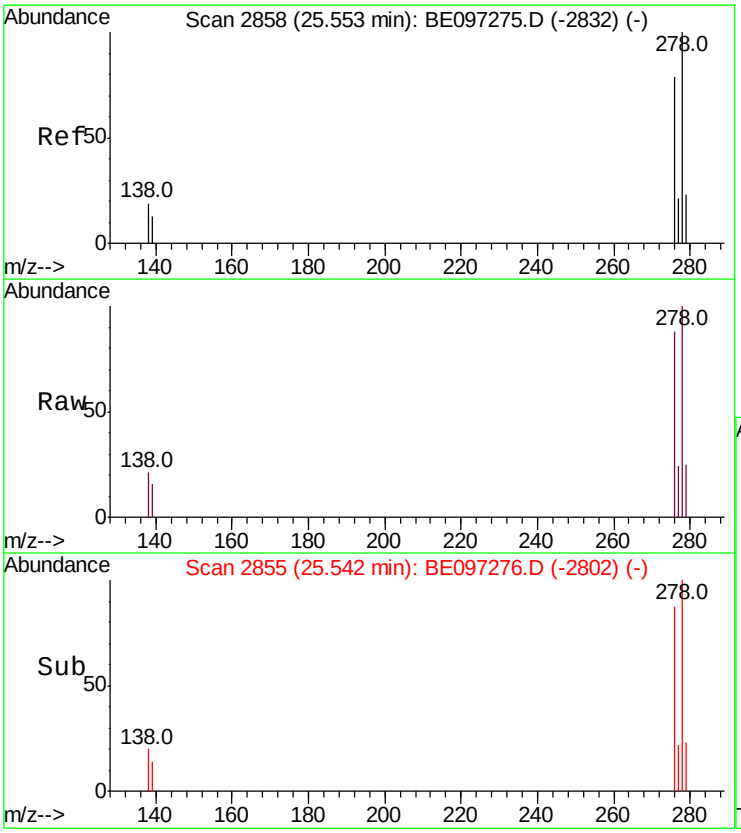
#37
Benzo(a)pyrene
Concen: 0.809 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 12318

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	11.6	12.0	18.0#

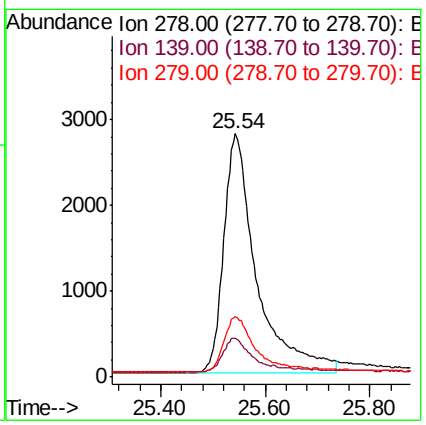


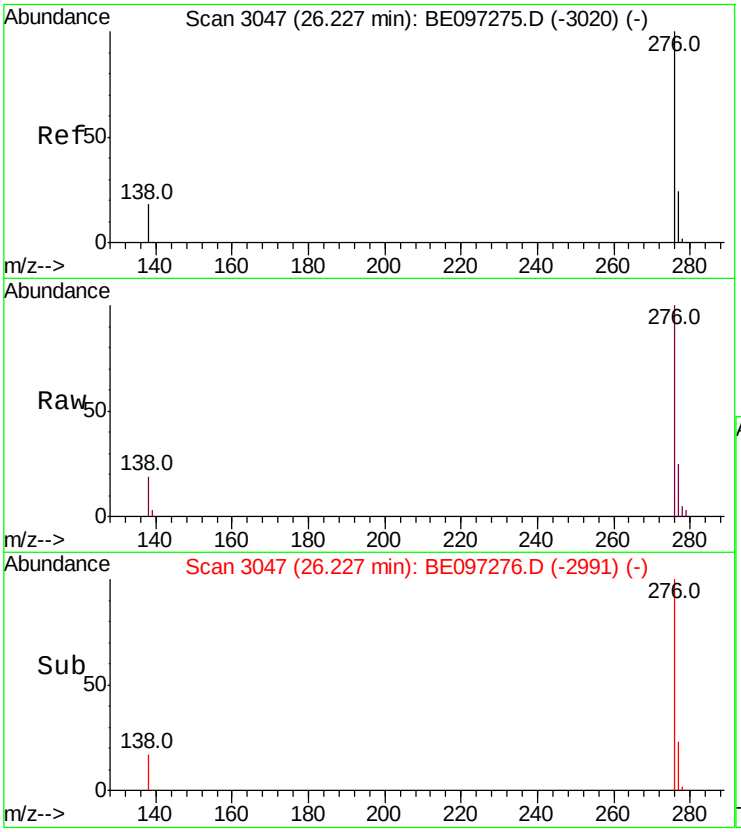


#38
Dibenzo(a,h)anthracene
Concen: 0.981 ng
RT: 25.54 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:278 Resp: 12189

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	25.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.875 ng
RT: 26.23 min Scan# 3047
Delta R.T. 0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 12101

Ion	Ratio	Lower	Upper
276	100		
277	24.6	16.0	24.0#
138	18.9	20.0	30.0#