Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097350.D
Acq On : 22 Aug 2018 16:40
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Aug 22 17:28:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 16:06:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	905	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4207	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2274	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	6052	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7734	0.40	ng		0.00
34) Perylene-d12	23.21	264	7124	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	2103	1.01	ng		-0.01
5) Phenol-d6	6.59	99	2802	0.91	ng		-0.01
8) Nitrobenzene-d5	8.51	82	2431	1.35	ng		-0.01
11) 2-Methylnaphthalene-d10	11.72	152	4691	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	591	1.58	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	6931	0.74	ng		0.00
25) Fluoranthene-d10	18.80	212	54487	1.01	ng		0.00
29) Terphenyl-d14	19.42	244	11542	0.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1301	0.907	ng	#	87
3) n-Nitrosodimethylamine	3.37	42	1269	1.013	ng		97
6) bis(2-Chloroethyl)ether	6.83	93	2665	0.871	ng		98
9) Naphthalene	10.18	128	31002	0.804	ng		99
10) Hexachlorobutadiene	10.47	225	1392	0.821	ng		98
12) 2-Methylnaphthalene	11.79	142	4865	0.838	ng		98
16) Acenaphthylene	13.73	152	7347	0.849	ng		99
17) Acenaphthene	14.07	154	4914	0.803	ng		95
18) Fluorene	15.06	166	6218	0.832	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	2261	0.828	ng	#	79
21) Hexachlorobenzene	16.08	284	2502	0.682	ng	#	84
22) Pentachlorophenol	16.43	266	620	1.723	ng	#	76
23) Phenanthrene	16.80	178	11630	0.788	ng		99
24) Anthracene	16.89	178	9910	0.907	ng		96
26) Fluoranthene	18.83	202	14525	1.021	ng		98
28) Pyrene	19.20	202	14702	0.708	ng		99
30) Benzo(a)anthracene	20.95	228	15329	0.922	ng		97
31) Chrysene	21.00	228	16778	0.770	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	16812	1.661	ng		100
33) Indeno(1,2,3-cd)pyrene	25.49	276	18531	1.338	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	14969	0.797	ng	#	87
36) Benzo(k)fluoranthene	22.58	252	17397	0.660	ng		96
37) Benzo(a)pyrene	23.11	252	14119	0.825	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	15819	1.082	ng	#	95
39) Benzo(g,h,i)perylene	26.19	276	15953	1.082	ng	#	90

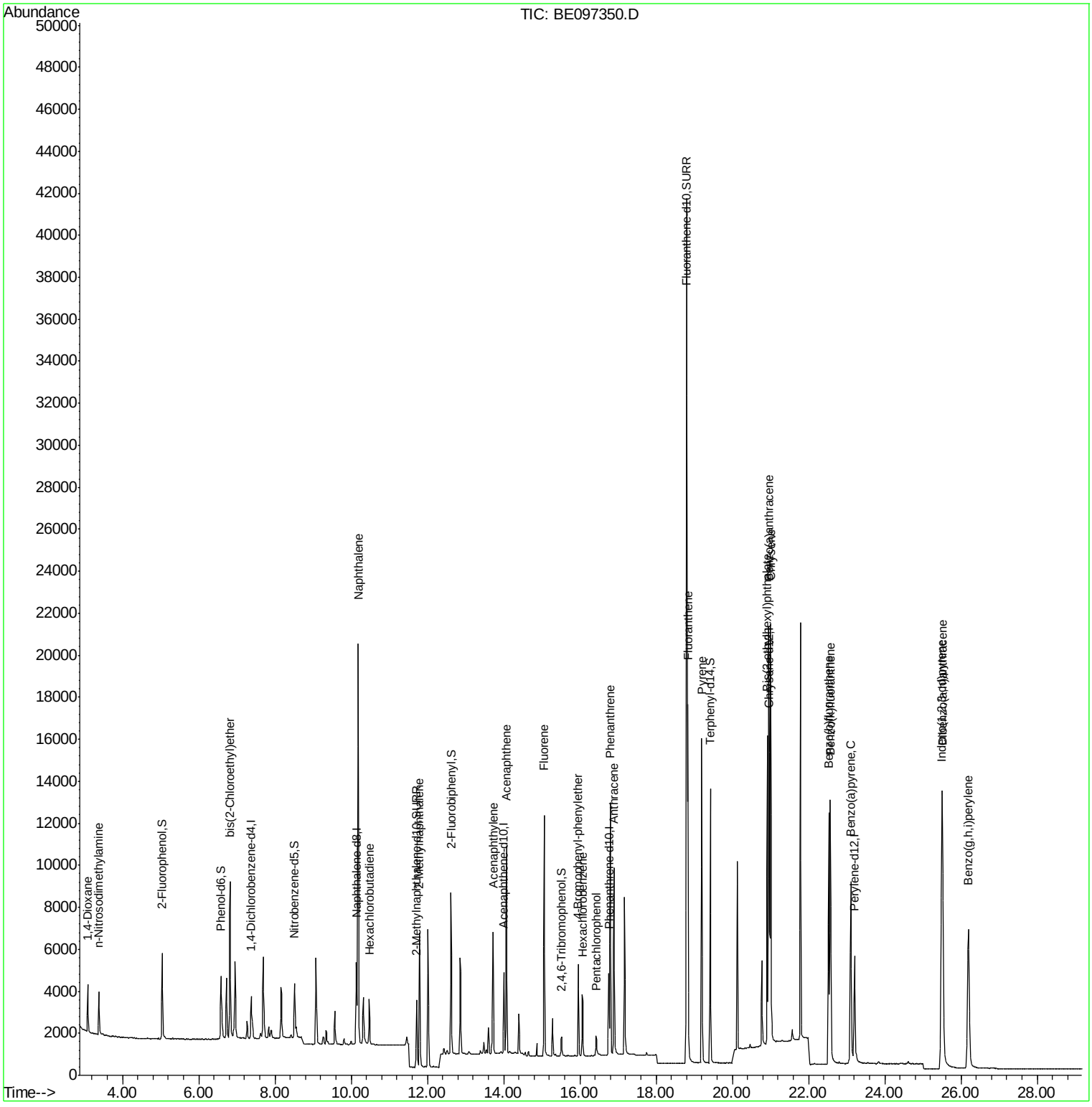
(#) = qualifier out of range (m) = manual integration (+) = signals summed

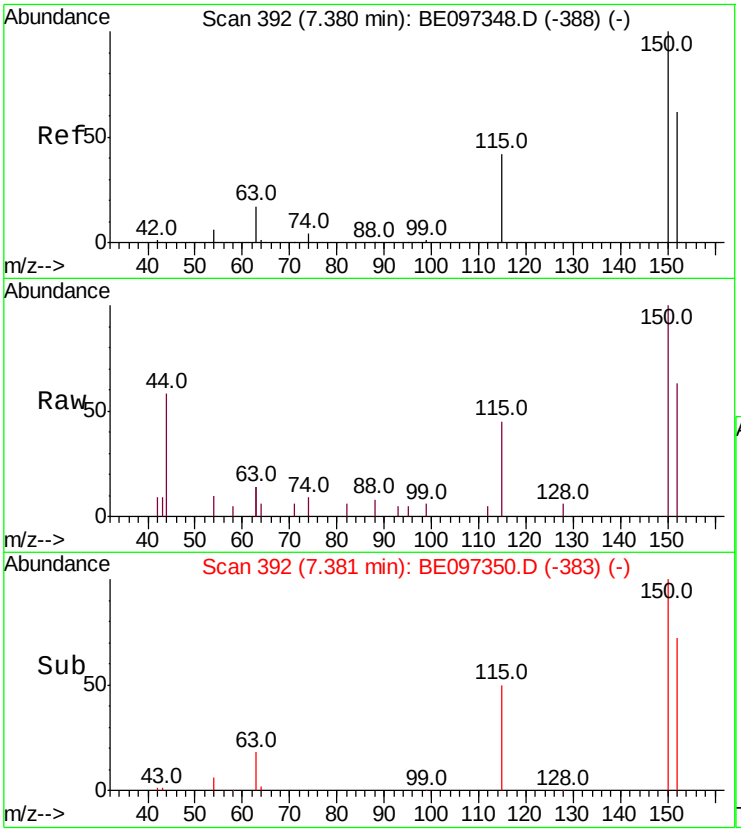
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097350.D
Acq On : 22 Aug 2018 16:40
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 22 17:28:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 16:06:11 2018
Response via : Initial Calibration



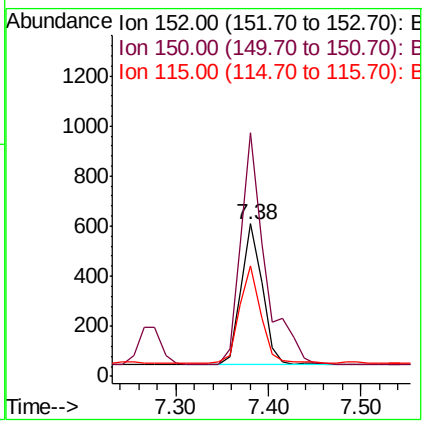


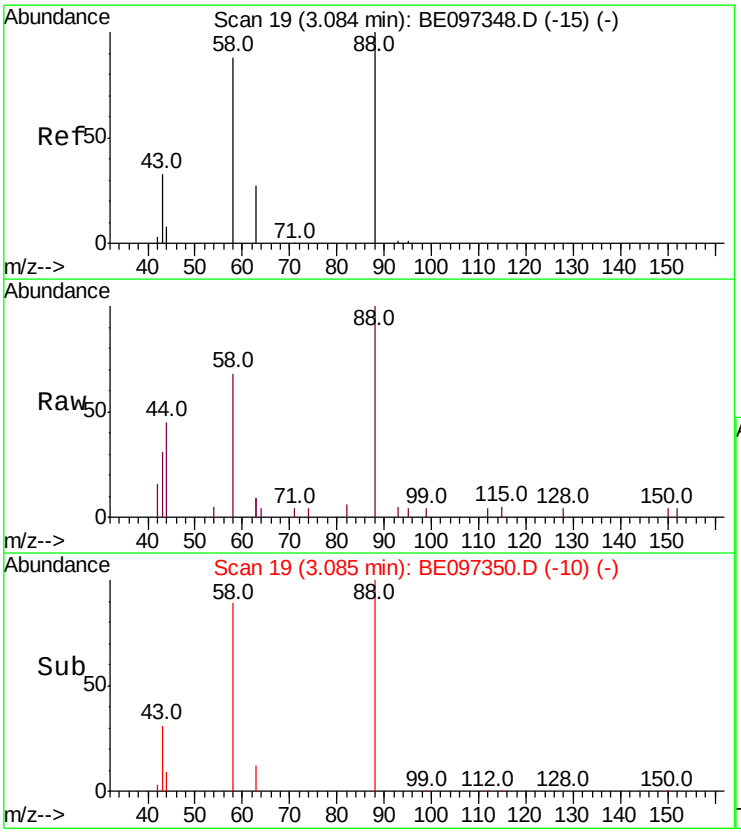
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 905

Ion	Ratio	Lower	Upper
152	100		
150	159.9	117.2	175.8
115	72.5	57.0	85.6

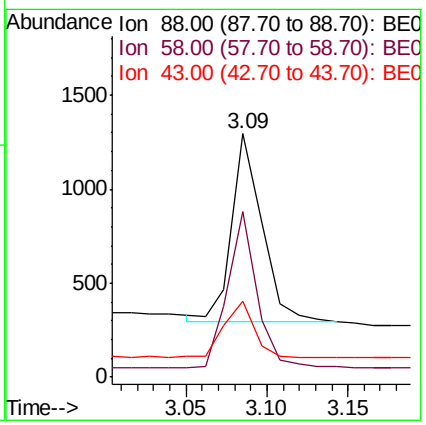


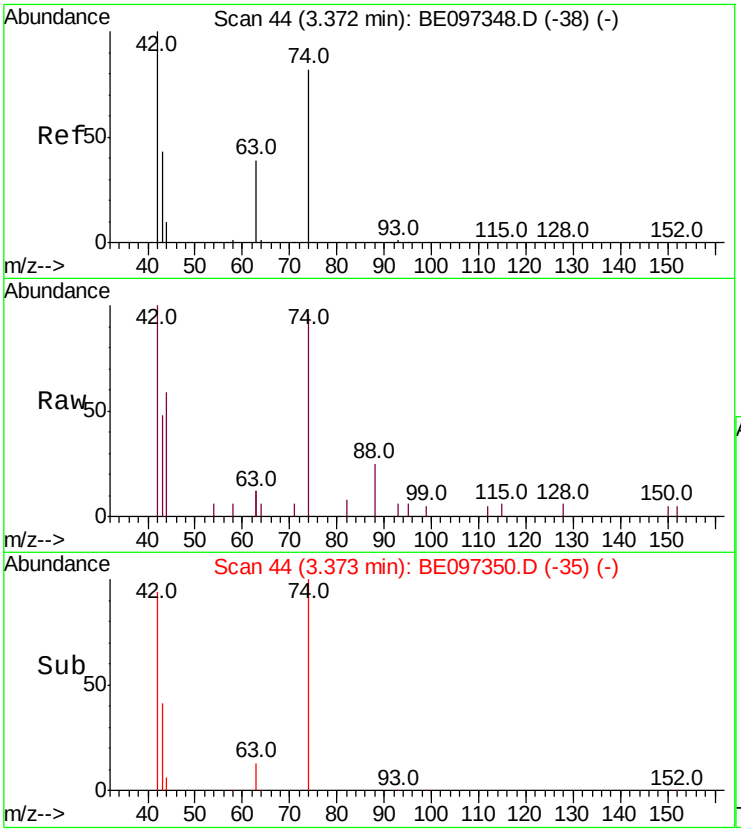


#2
1,4-Dioxane
Concen: 0.907 ng
RT: 3.09 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion: 88 Resp: 1301

Ion	Ratio	Lower	Upper
88	100		
58	80.1	63.2	94.8
43	30.6	41.2	61.8#



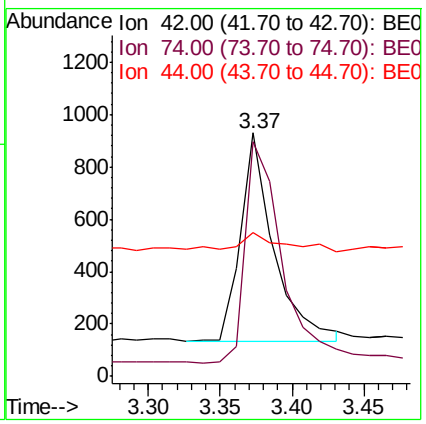


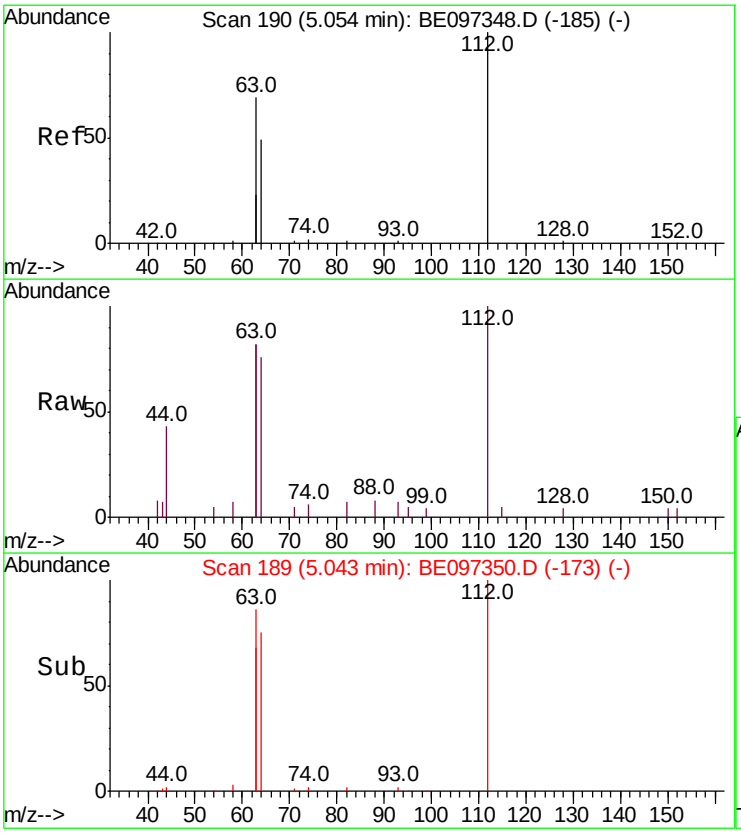
#3
n-Nitrosodimethylamine
Concen: 1.013 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1269

Ion	Ratio	Lower	Upper
42	100		
74	117.3	96.0	144.0
44	13.3	12.0	18.0

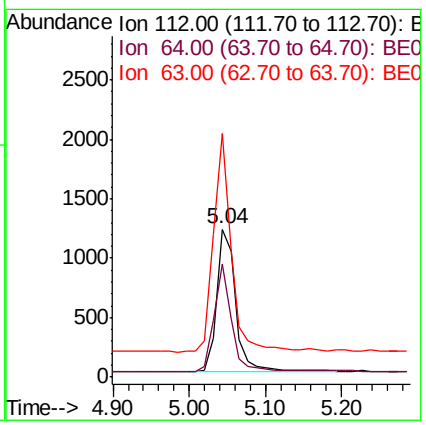


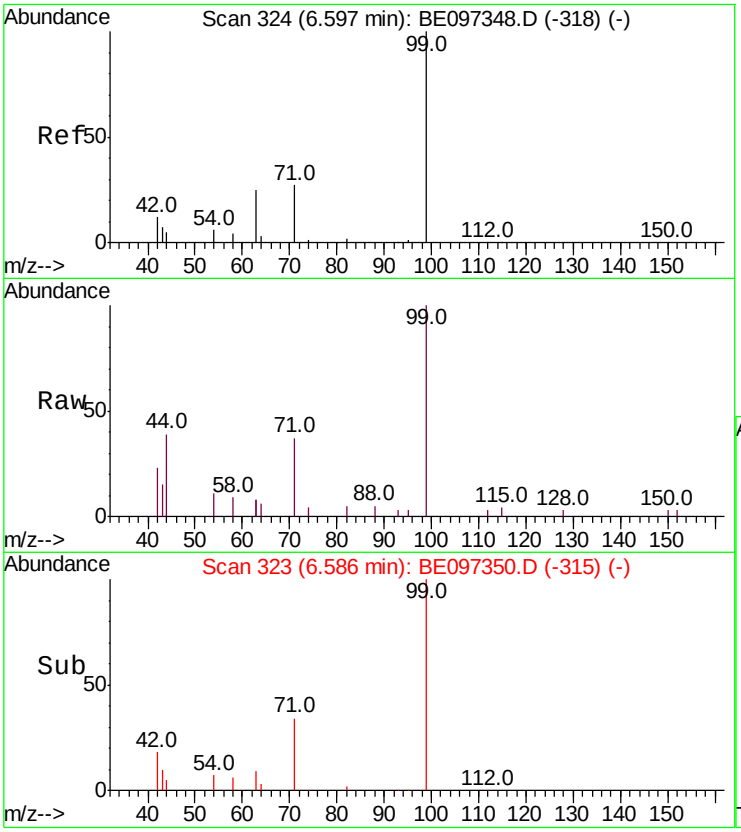


#4
2-Fluorophenol
Concen: 1.014 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:112 Resp: 2103

Ion	Ratio	Lower	Upper
112	100		
64	67.9	60.1	90.1
63	142.2	116.8	175.2



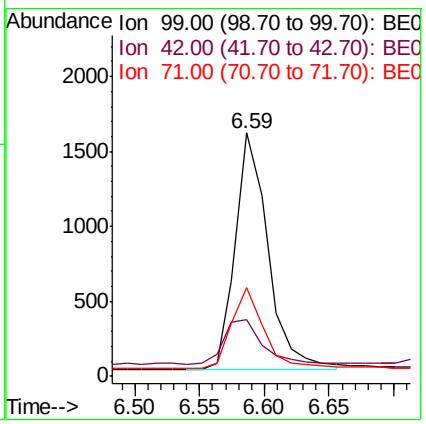


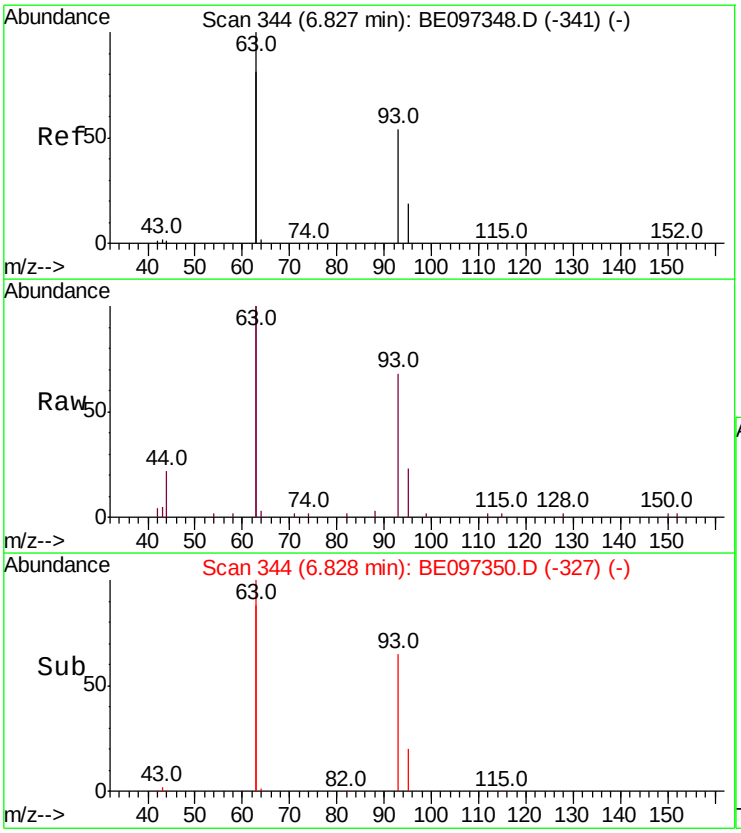
#5
Phenol-d6
Concen: 0.911 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2802

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.2	30.2
71	33.7	28.4	42.6

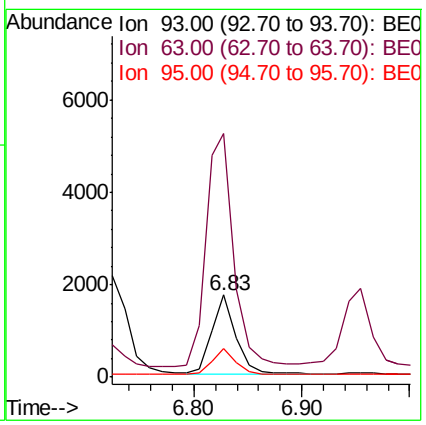


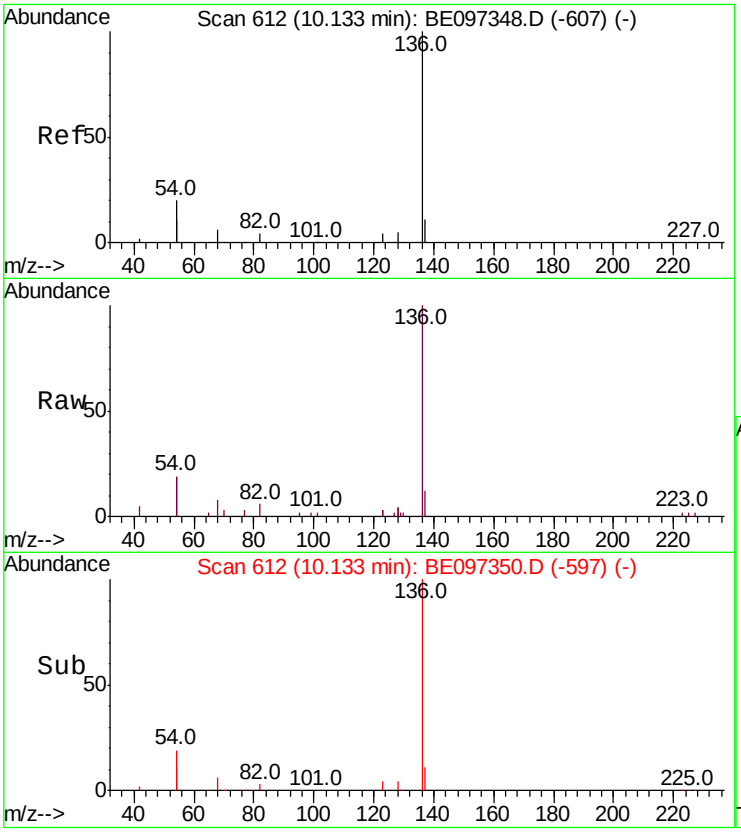


#6
bis(2-Chloroethyl)ether
Concen: 0.871 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion: 93 Resp: 2665

Ion	Ratio	Lower	Upper
93	100		
63	339.4	275.3	412.9
95	32.8	25.2	37.8



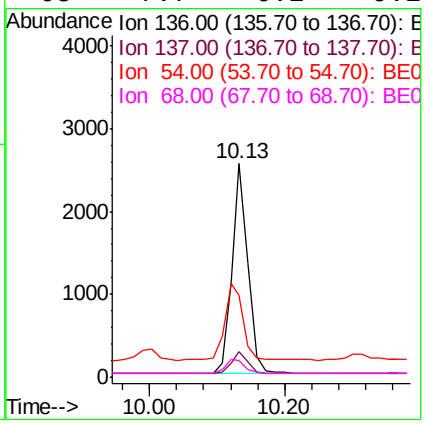


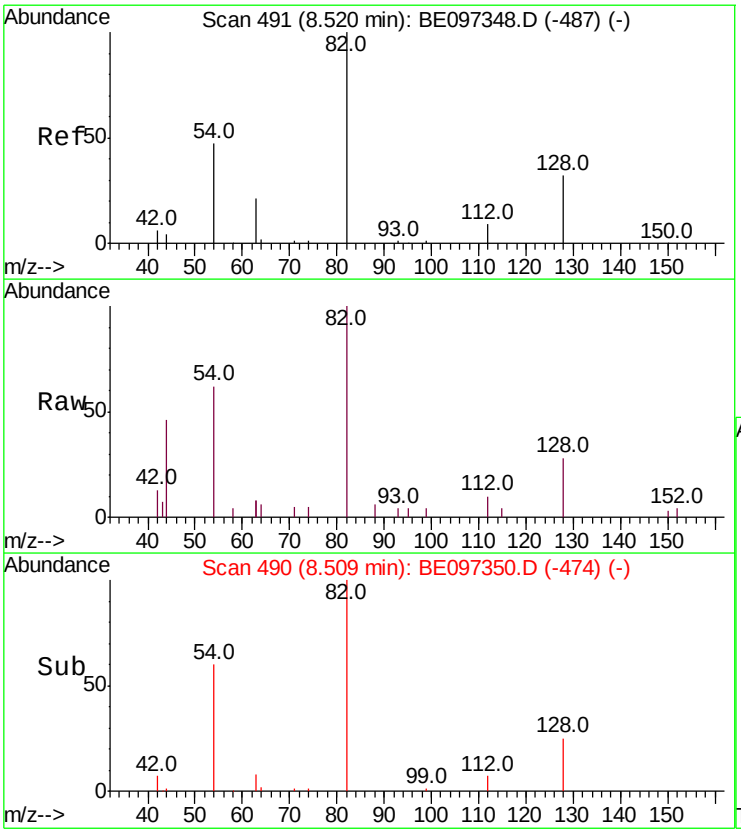
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 4207

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	38.1	29.1	43.7
68	7.7	6.2	9.2

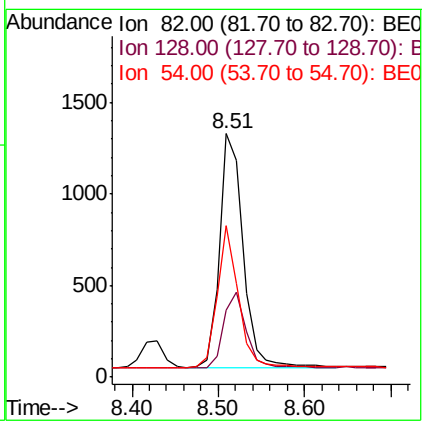


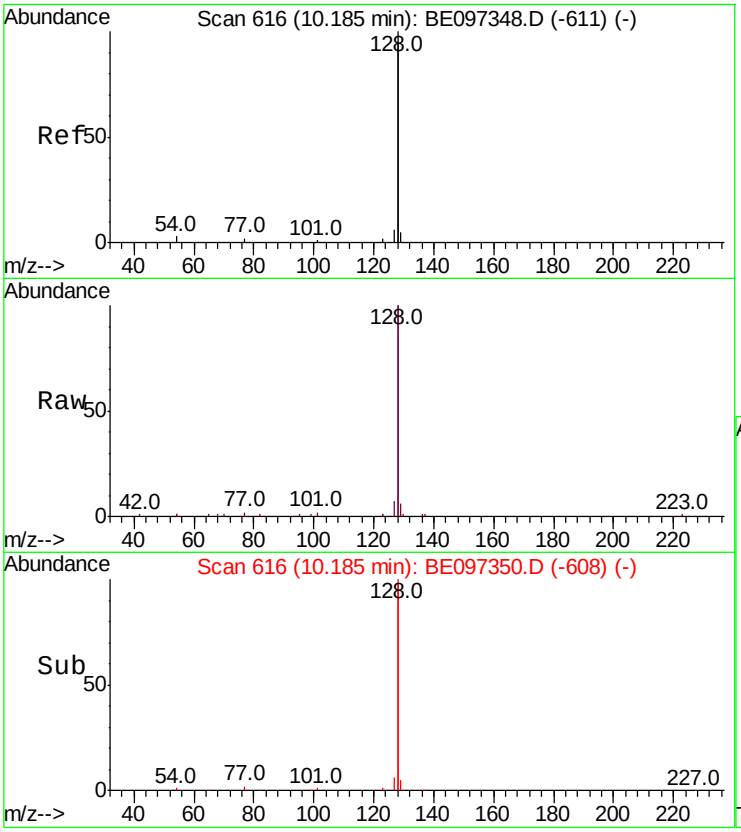


#8
Nitrobenzene-d5
Concen: 1.351 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion: 82 Resp: 2431

Ion	Ratio	Lower	Upper
82	100		
128	27.5	24.0	36.0
54	62.0	40.0	60.0#



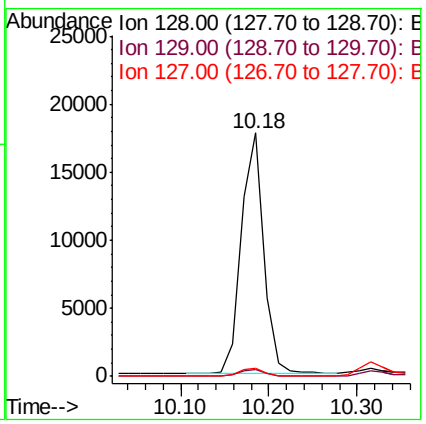


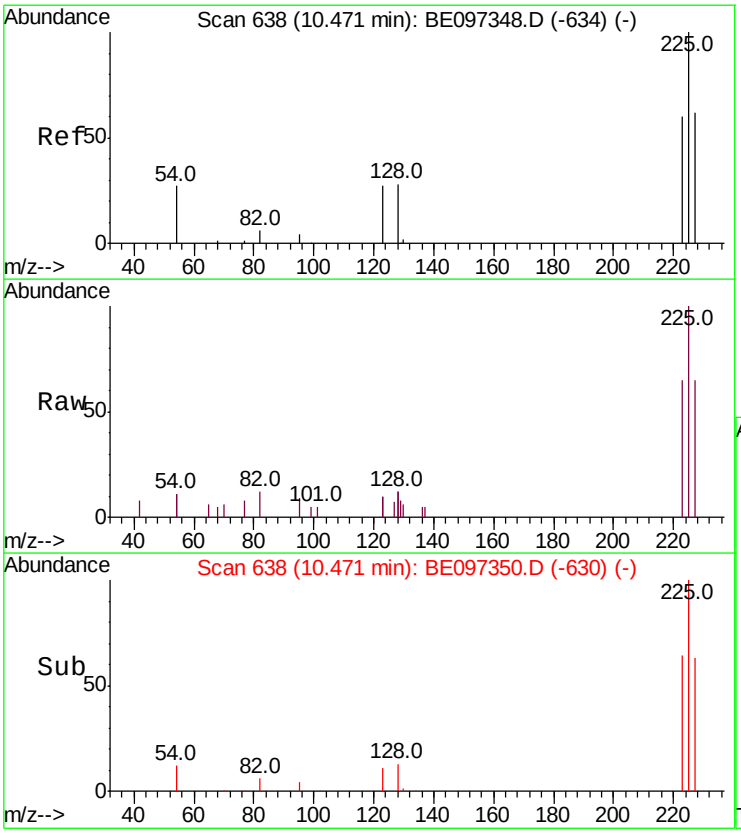
#9
Naphthalene
Concen: 0.804 ng
RT: 10.18 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 31002

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.4	2.8	4.2

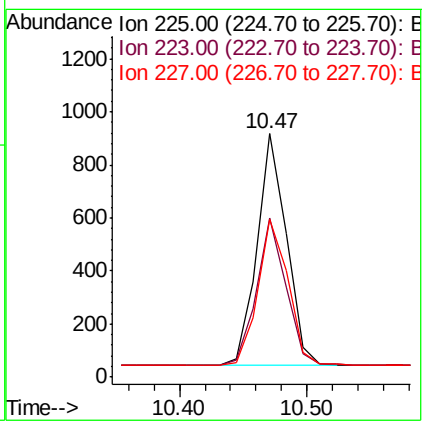


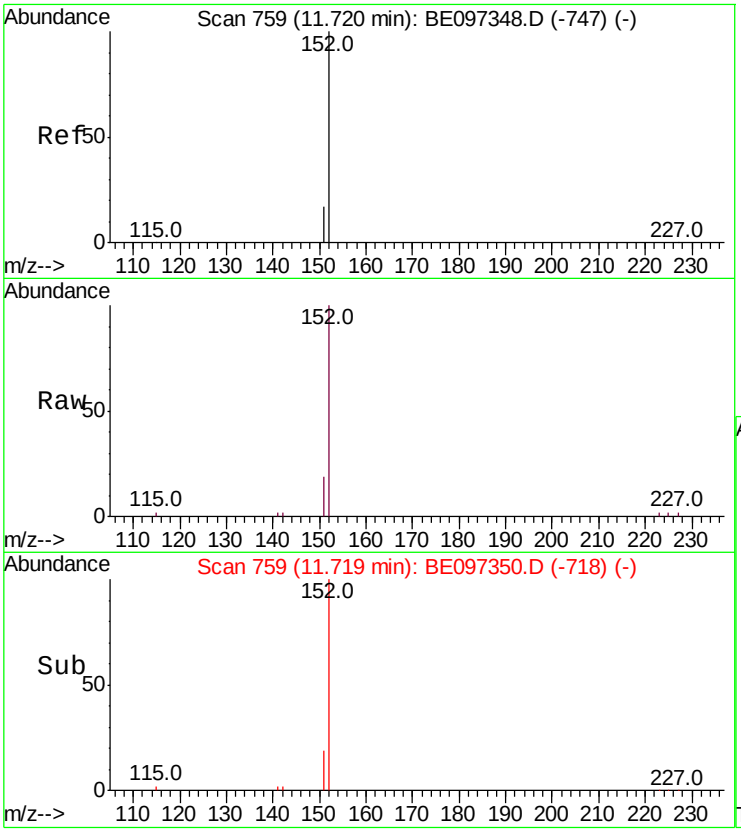


#10
Hexachlorobutadiene
Concen: 0.821 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:225 Resp: 1392

Ion	Ratio	Lower	Upper
225	100		
223	64.1	53.0	79.6
227	65.0	51.4	77.2



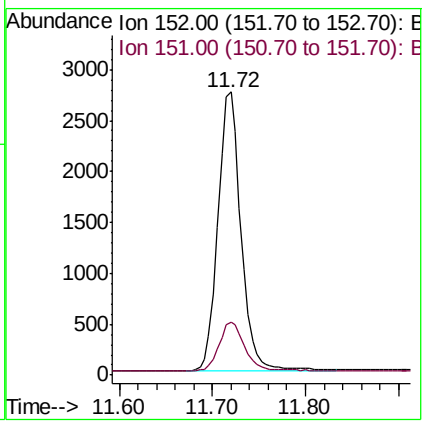


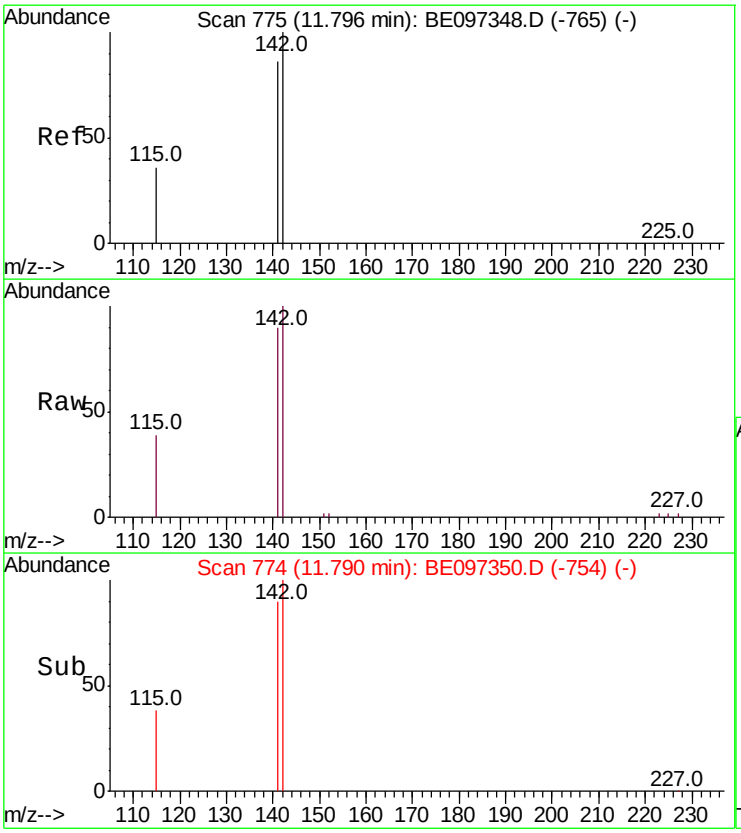
#11
2-Methylnaphthalene-d10
Concen: 0.825 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 4691

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

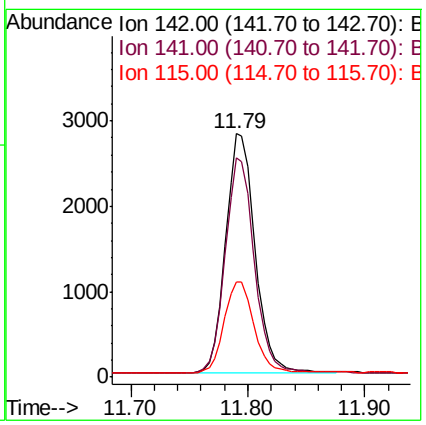


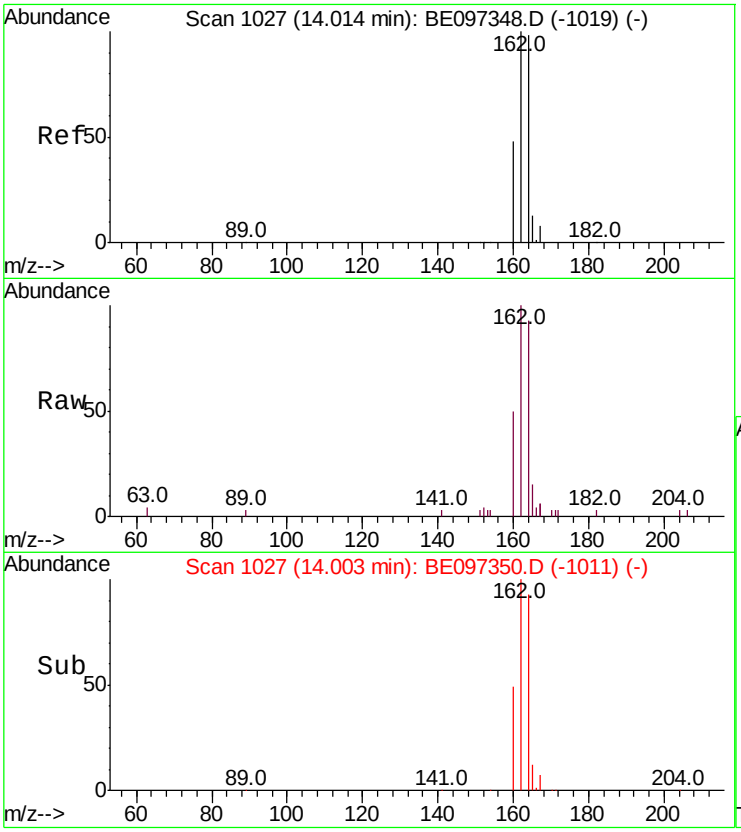


#12
2-Methylnaphthalene
Concen: 0.838 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:142 Resp: 4865

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	39.1	31.7	47.5



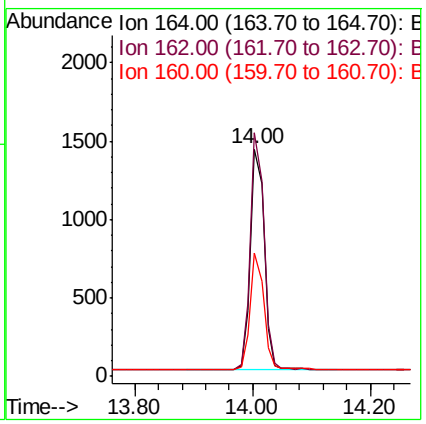


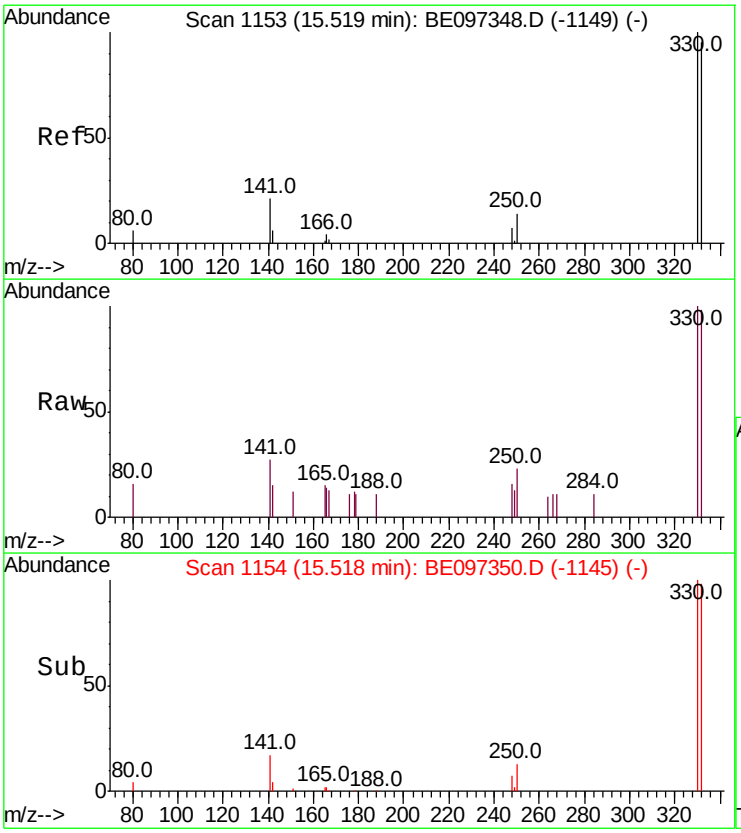
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2274

Ion	Ratio	Lower	Upper
164	100		
162	107.1	83.1	124.7
160	54.0	37.1	55.7

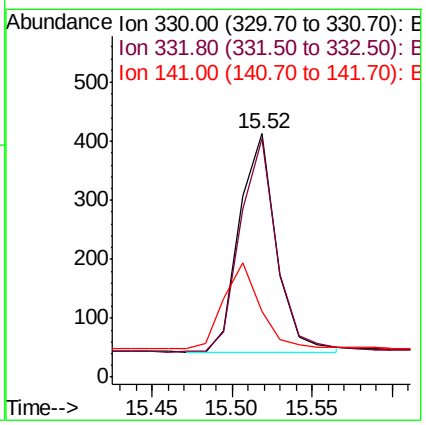


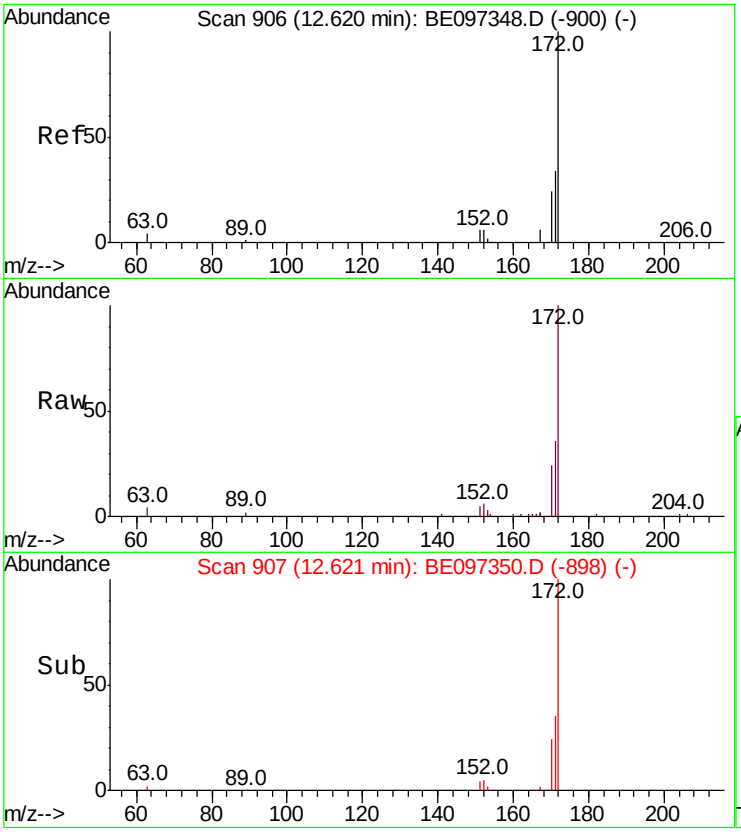


#14
2,4,6-Tribromophenol
Concen: 1.578 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:330 Resp: 591

Ion	Ratio	Lower	Upper
330	100		
332	97.1	152.7	229.1#
141	39.8	33.7	50.5



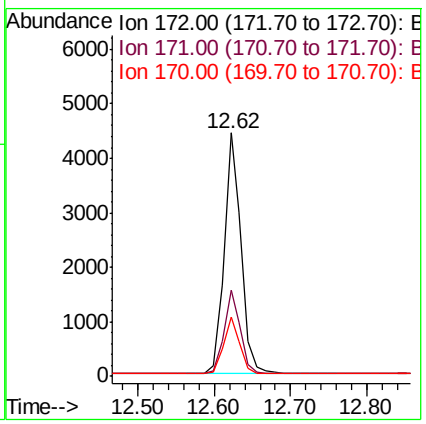


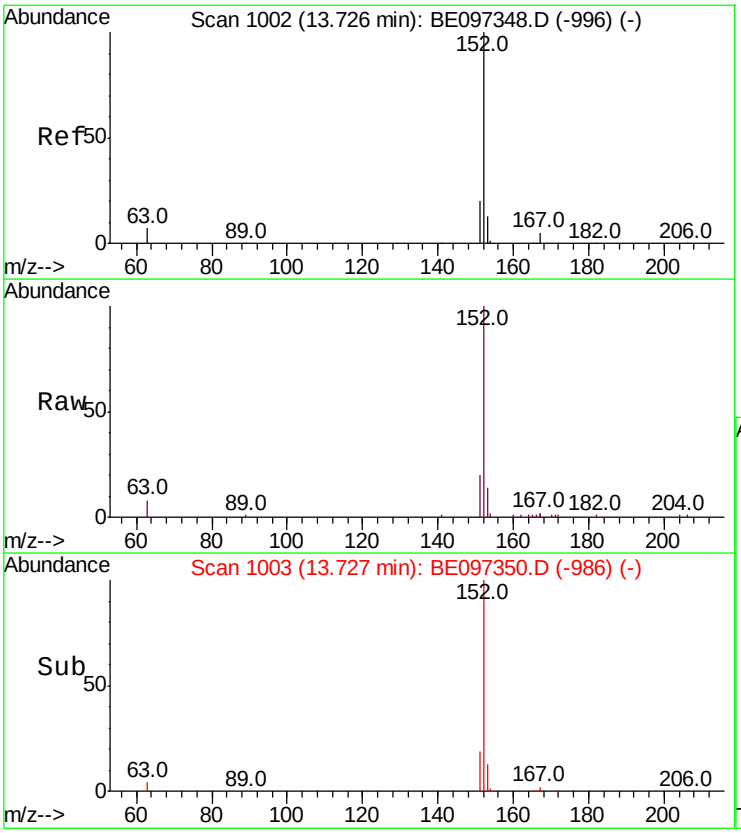
#15
2-Fluorobiphenyl
Concen: 0.743 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 6931

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	24.4	21.8	32.8

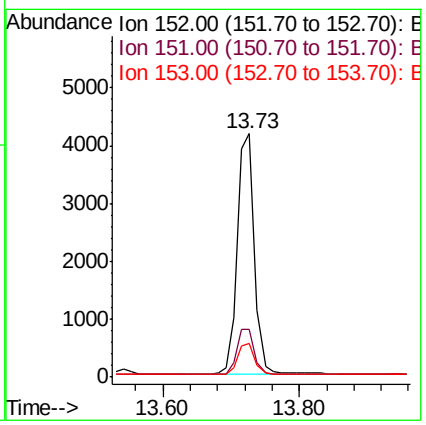


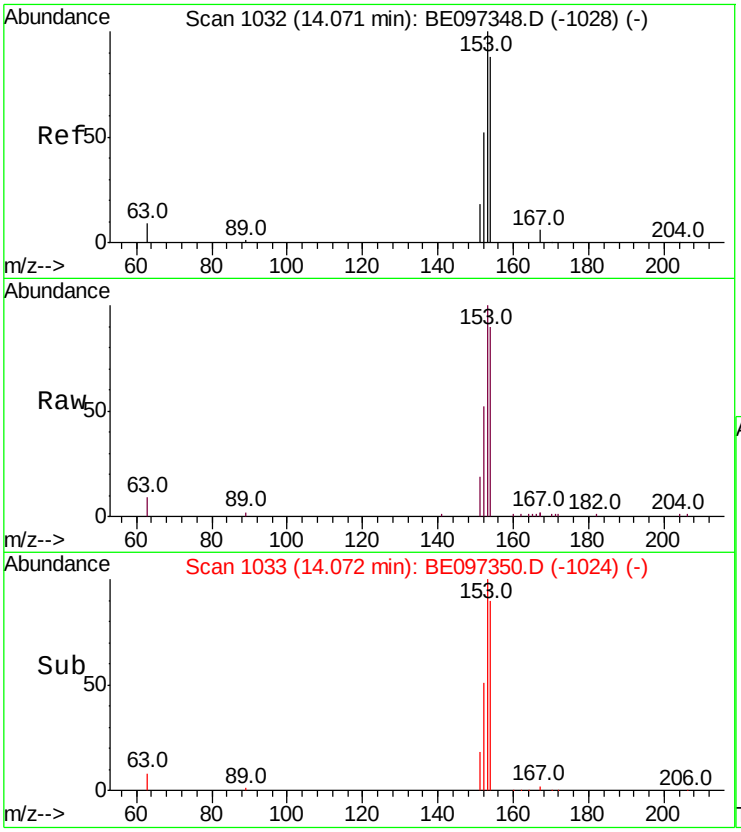


#16
Acenaphthylene
Concen: 0.849 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:152 Resp: 7347

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.5	15.7



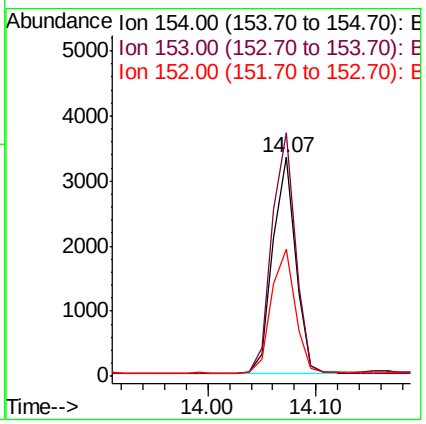


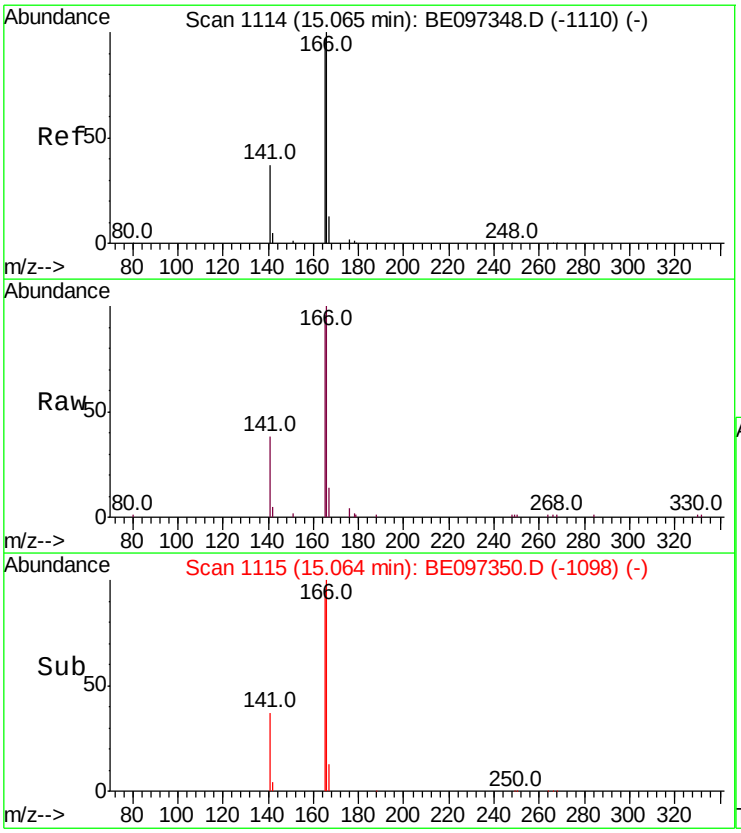
#17
Acenaphthene
Concen: 0.803 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 4914

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	59.5	42.0	63.0

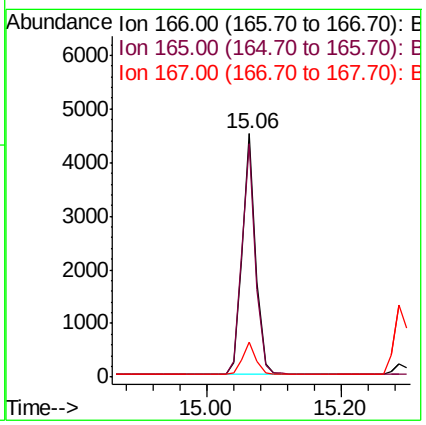


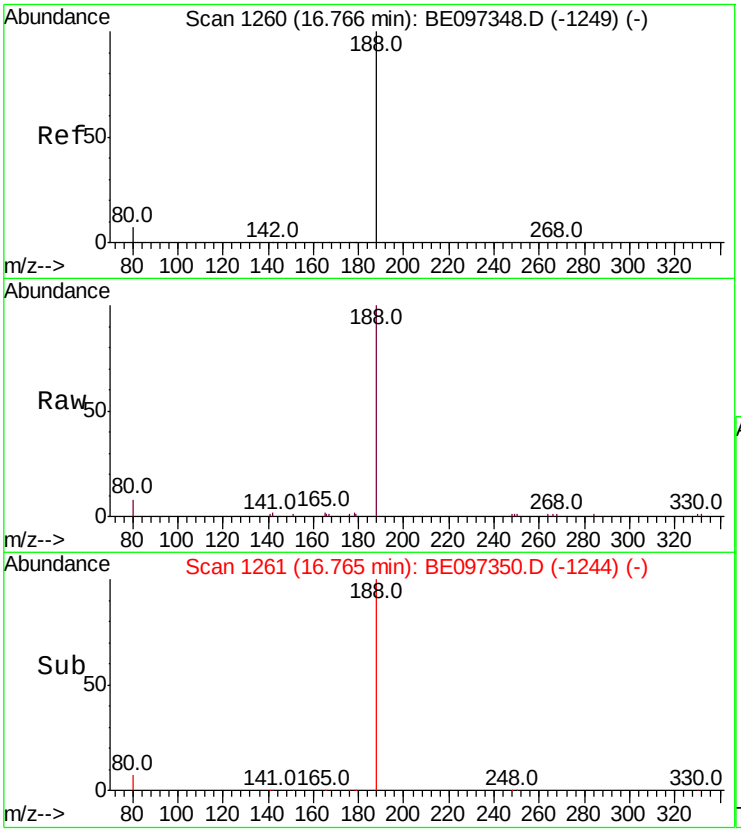


#18
Fluorene
Concen: 0.832 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:166 Resp: 6218

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	13.4	42.4	63.6#



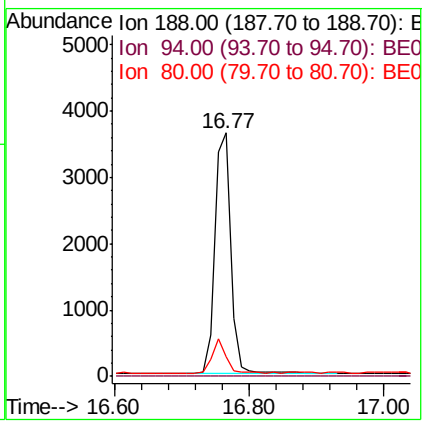


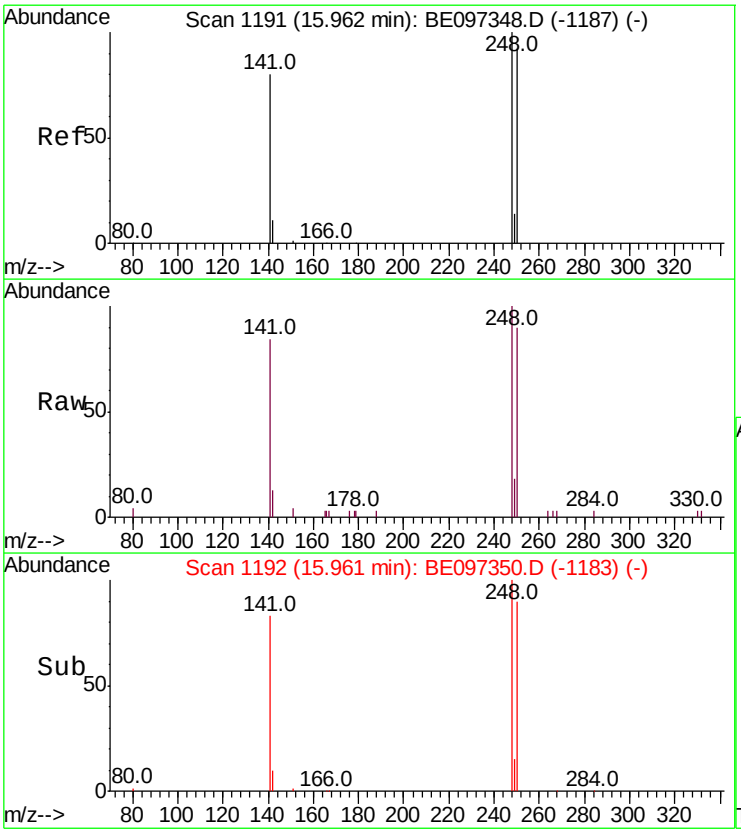
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 6052

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.2	3.6	5.4#

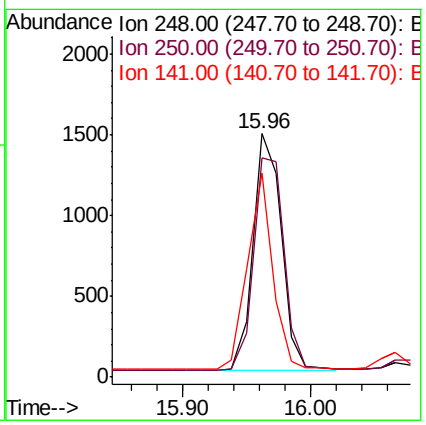


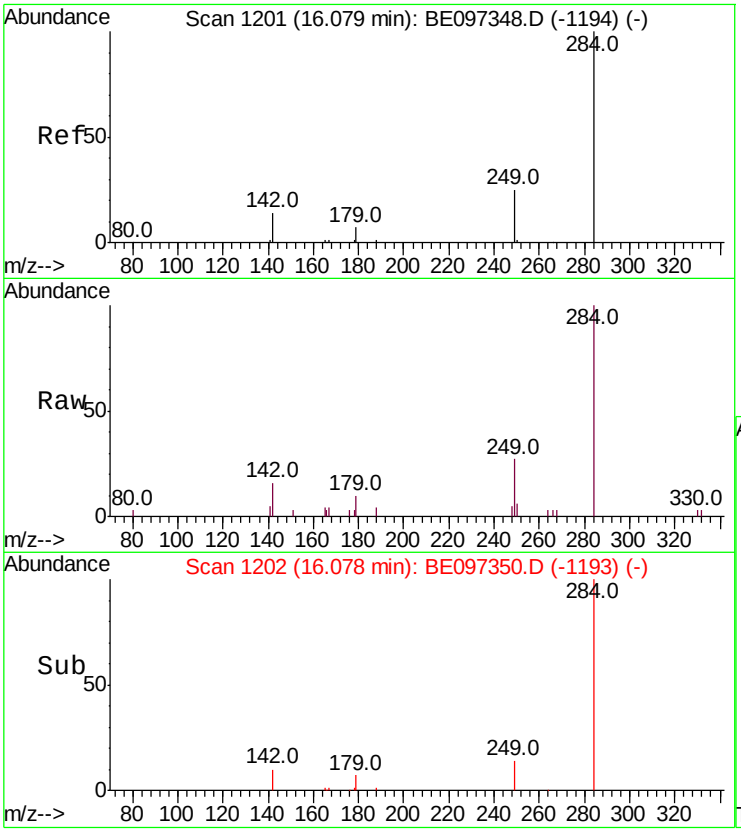


#20
4-Bromophenyl-phenylether
Concen: 0.828 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:248 Resp: 2261

Ion	Ratio	Lower	Upper
248	100		
250	90.3	62.7	94.1
141	83.7	48.2	72.2#



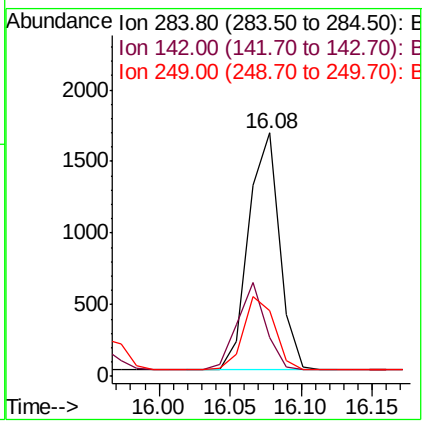


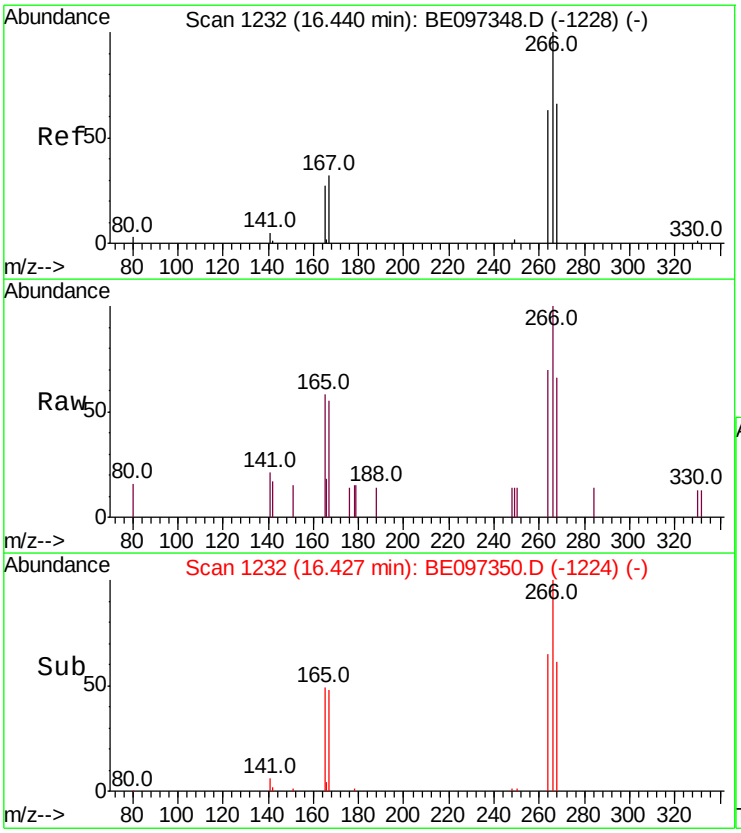
#21
Hexachlorobenzene
Concen: 0.682 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 2502

Ion	Ratio	Lower	Upper
284	100		
142	34.2	22.1	33.1#
249	31.3	34.8	52.2#

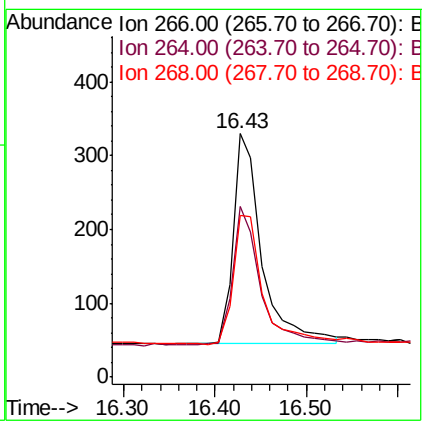


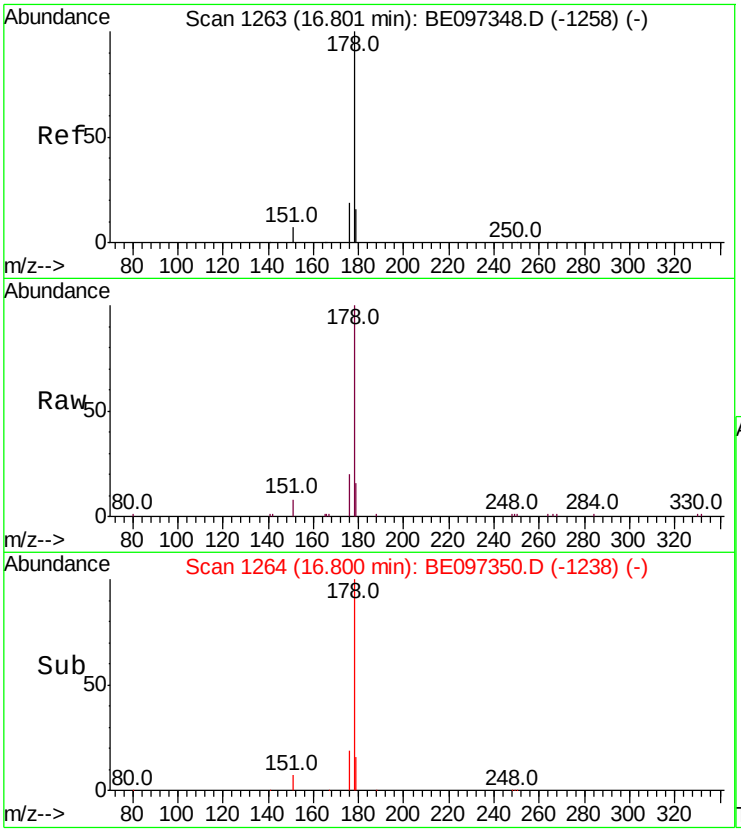


#22
Pentachlorophenol
Concen: 1.723 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:266 Resp: 620

Ion	Ratio	Lower	Upper
266	100		
264	70.0	72.5	108.7#
268	66.4	73.8	110.6#



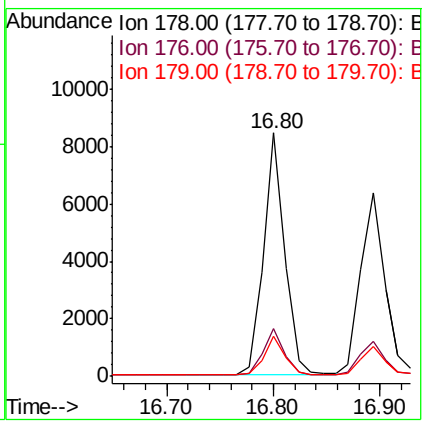


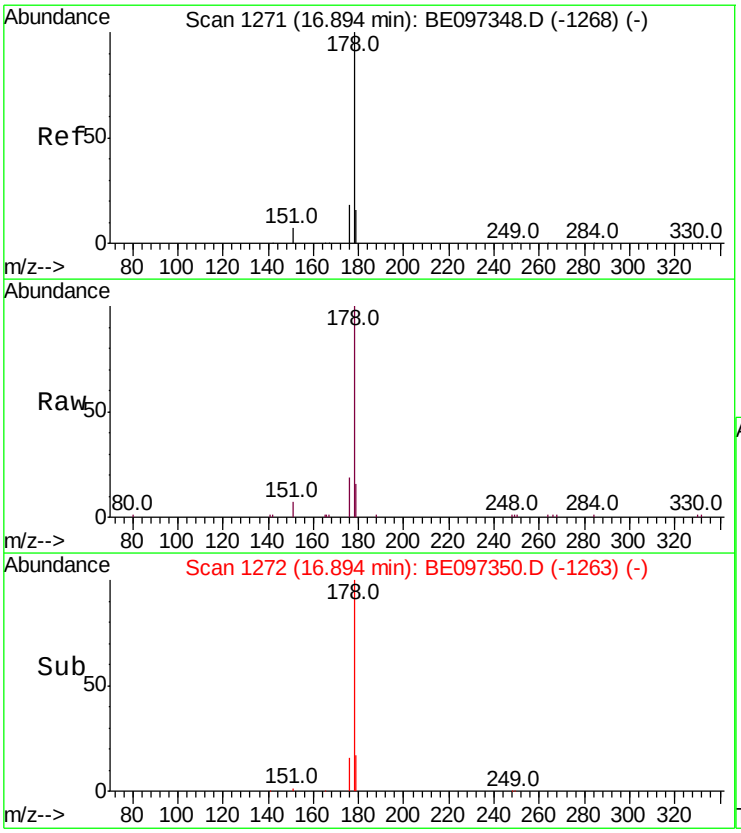
#23
Phenanthrene
Concen: 0.788 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 11630

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.6	11.8	17.6

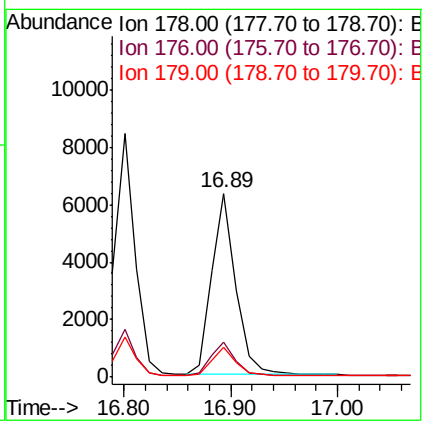


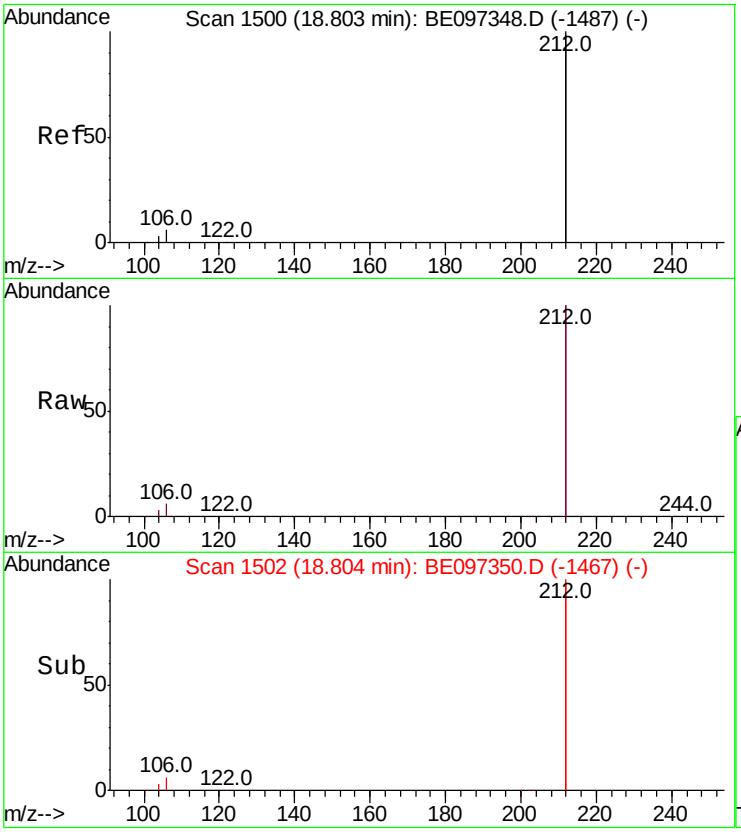


#24
Anthracene
Concen: 0.907 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:178 Resp: 9910

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.3	13.0	19.6



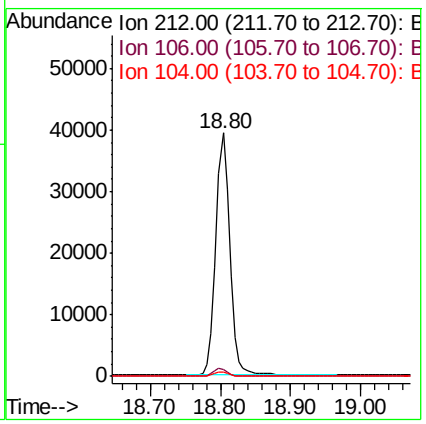


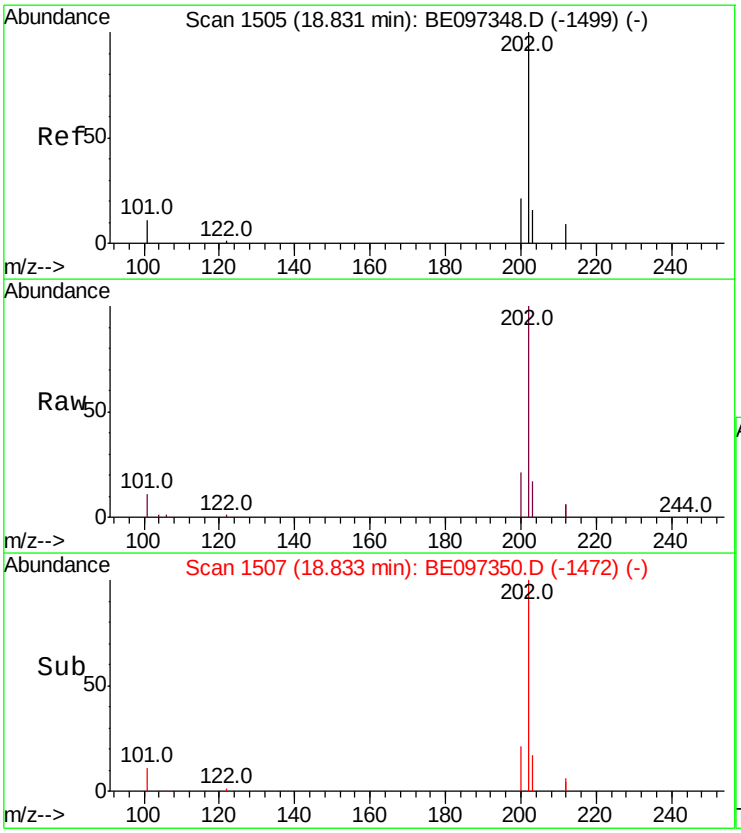
#25
Fluoranthene-d10
Concen: 1.009 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 54487

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

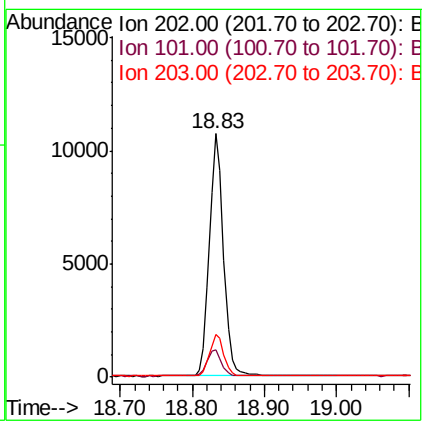


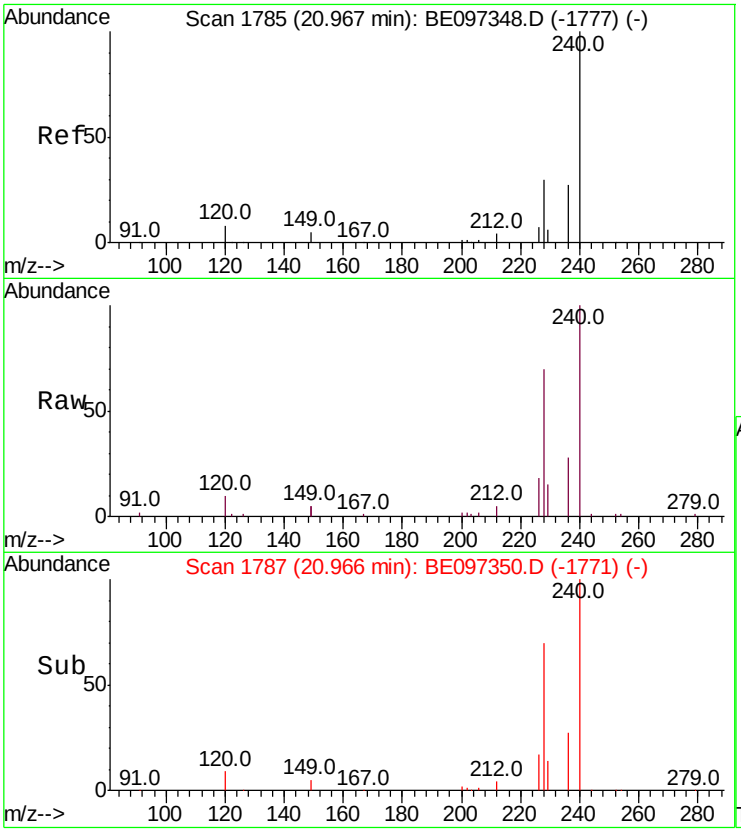


#26
Fluoranthene
Concen: 1.021 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:202 Resp: 14525

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.3	13.7	20.5



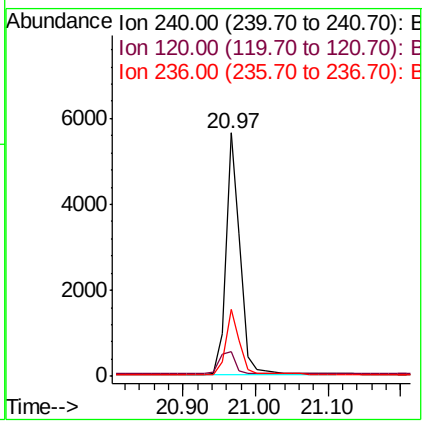


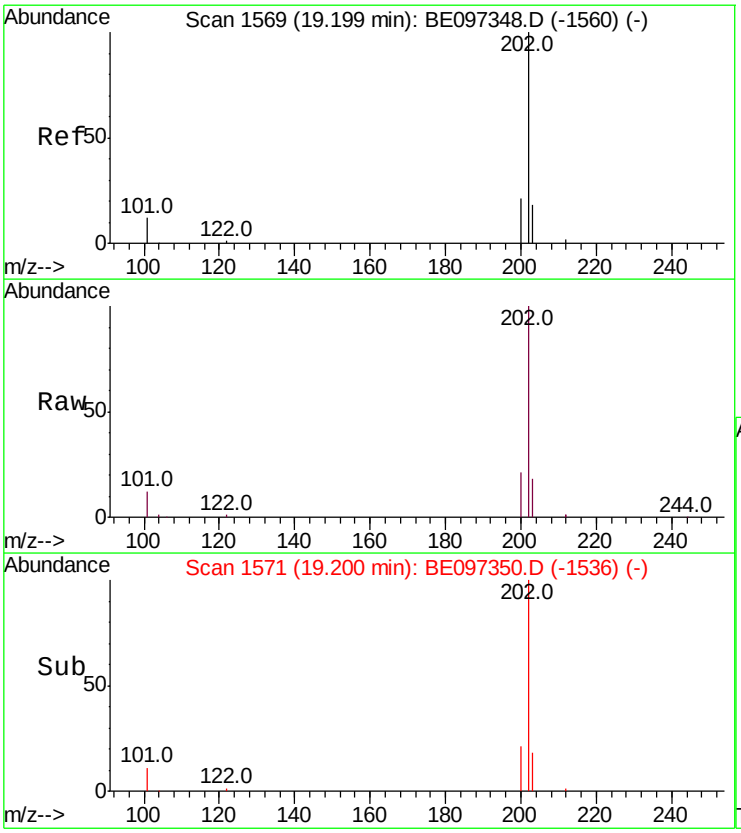
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 7734

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	27.7	20.7	31.1

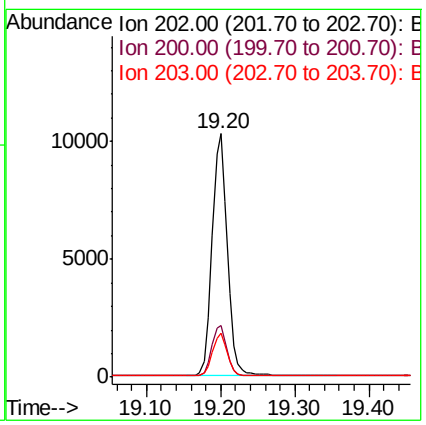


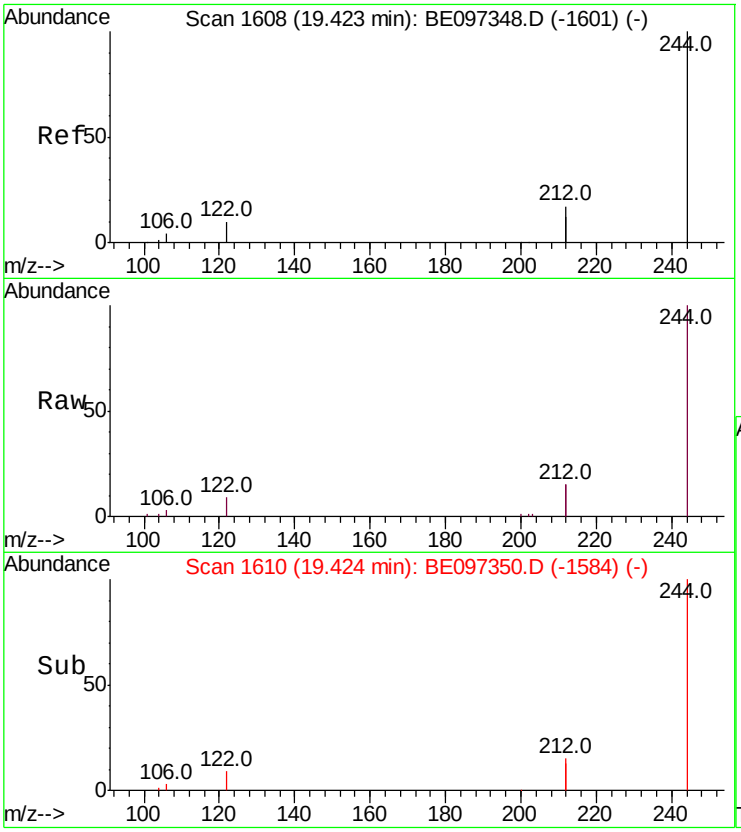


#28
Pyrene
Concen: 0.708 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:202 Resp: 14702

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



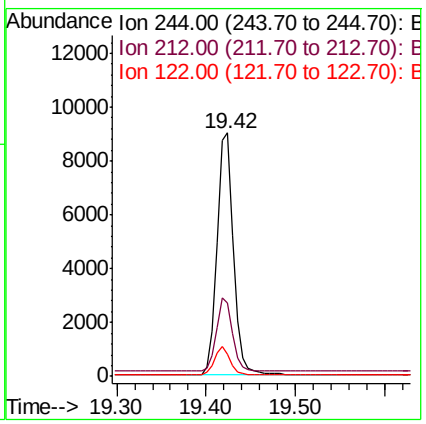


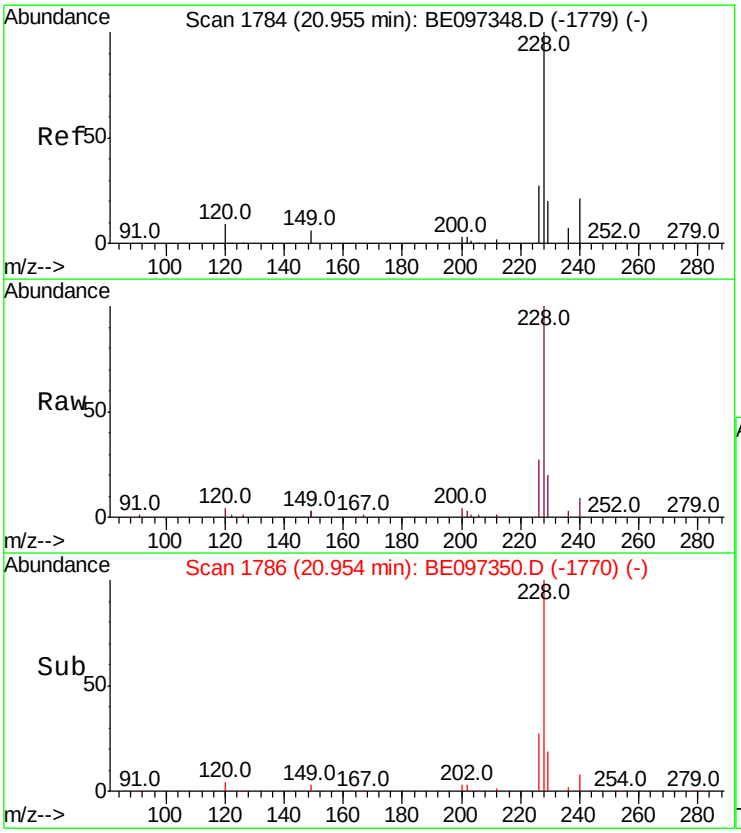
#29
Terphenyl-d14
Concen: 0.746 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 11542

Ion	Ratio	Lower	Upper
244	100		
212	30.1	25.4	38.0
122	9.1	8.1	12.1

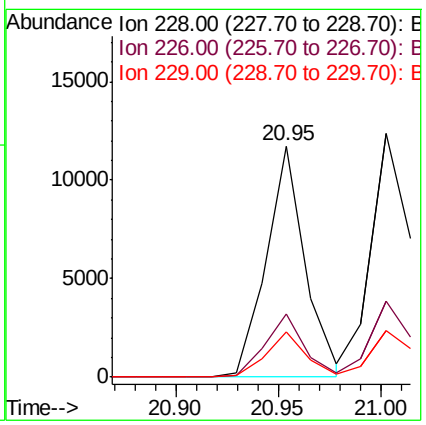


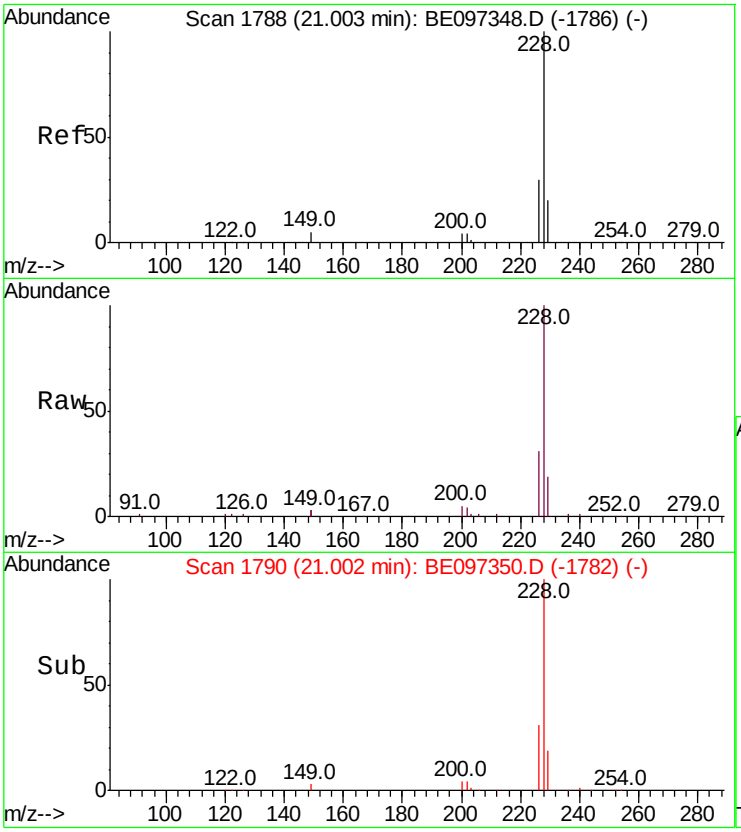


#30
Benzo(a)anthracene
Concen: 0.922 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:228 Resp: 15329

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	19.6	16.0	24.0



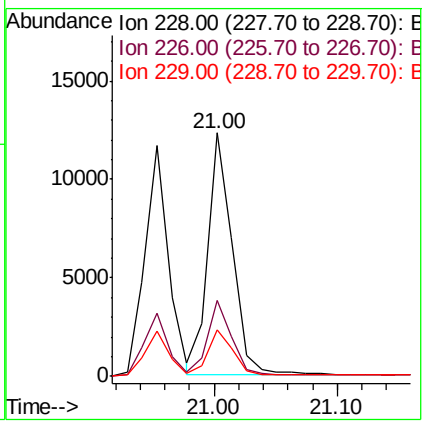


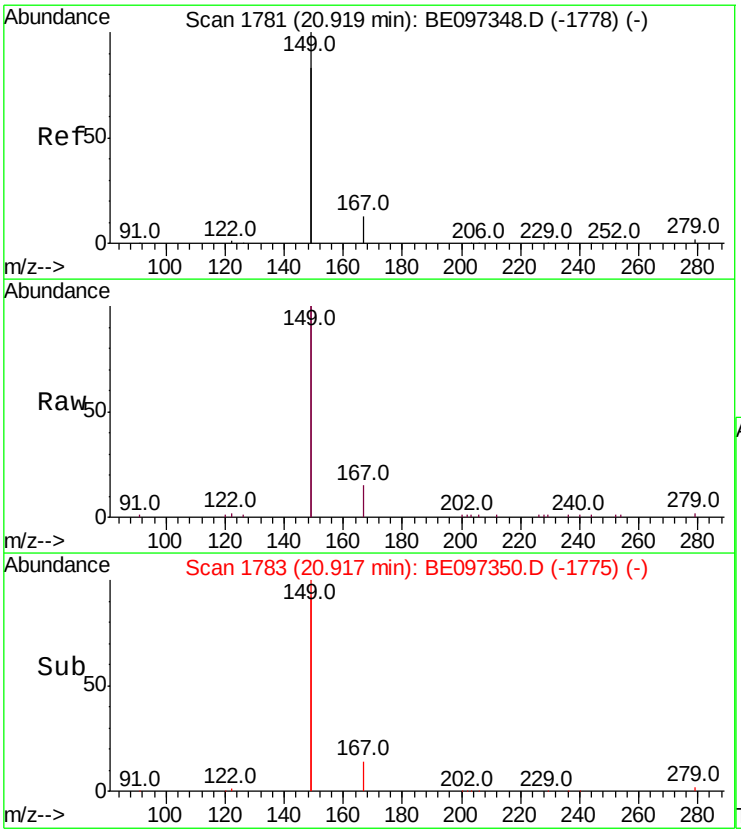
#31
Chrysene
Concen: 0.770 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 16778

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	19.3	16.0	24.0

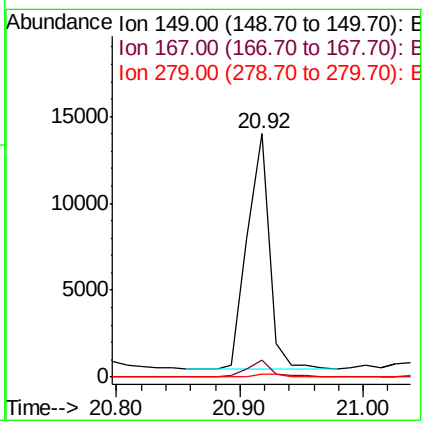


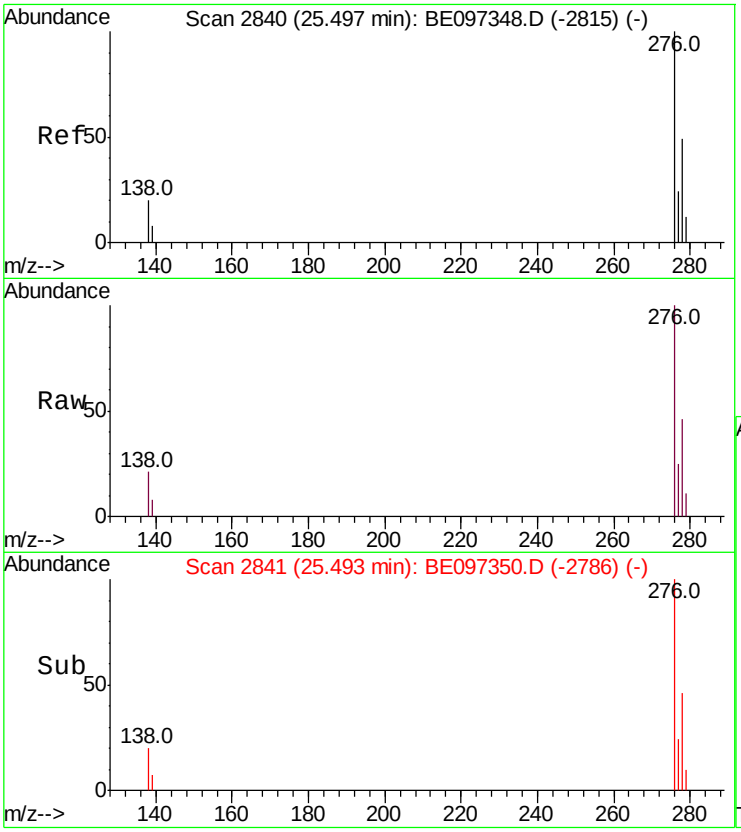


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.661 ng
RT: 20.92 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:149 Resp: 16812

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



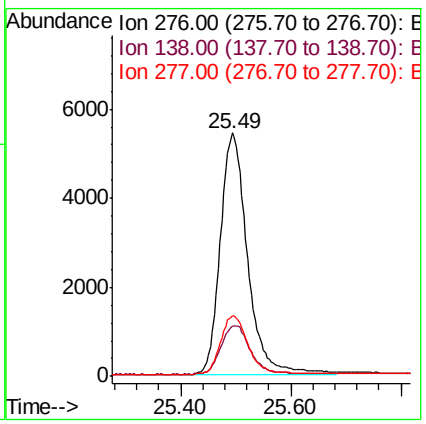


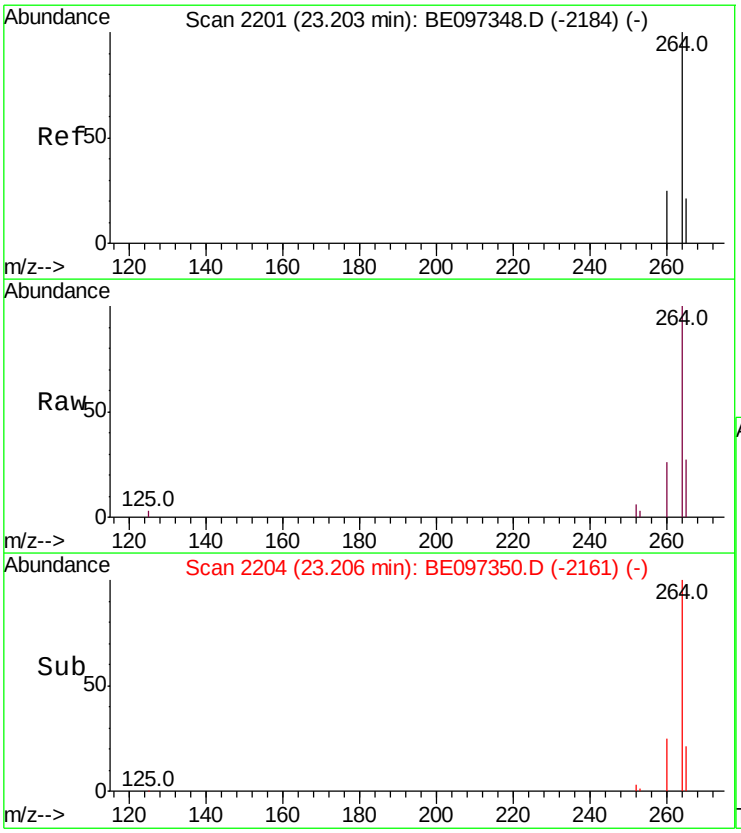
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.338 ng
RT: 25.49 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 18531

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	24.6	19.9	29.9

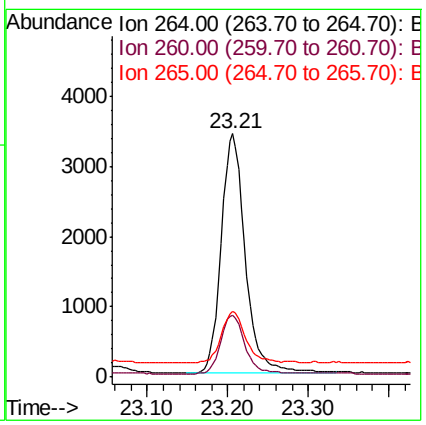


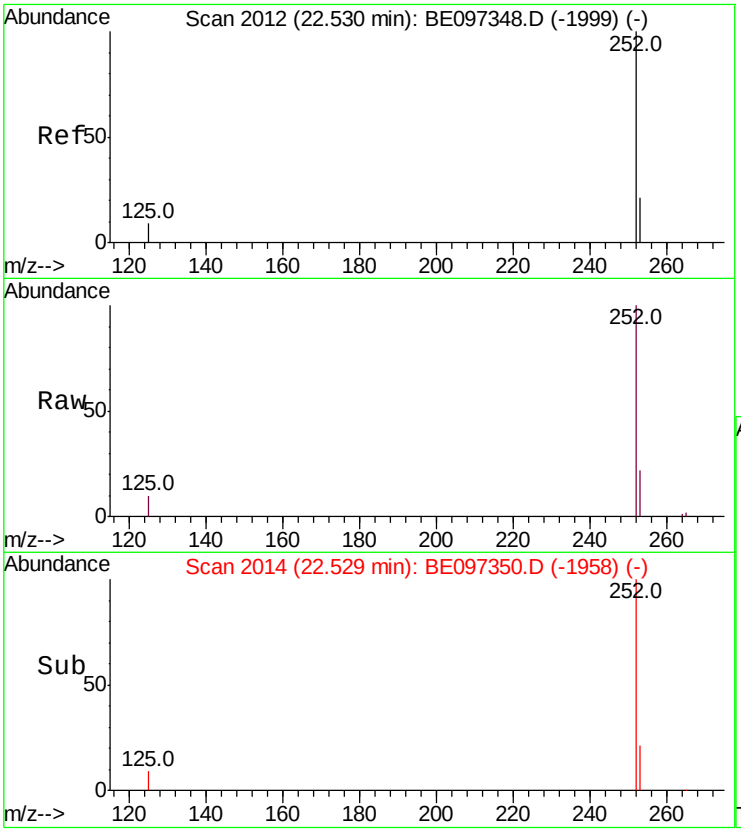


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:264 Resp: 7124

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	26.9	22.8	34.2



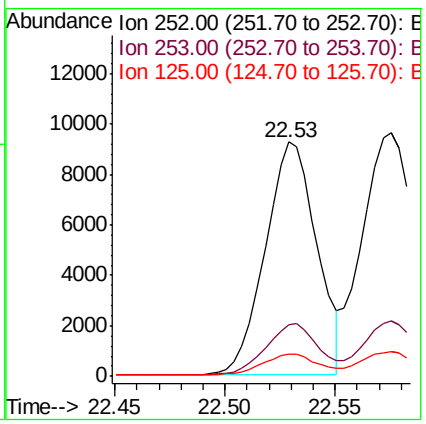


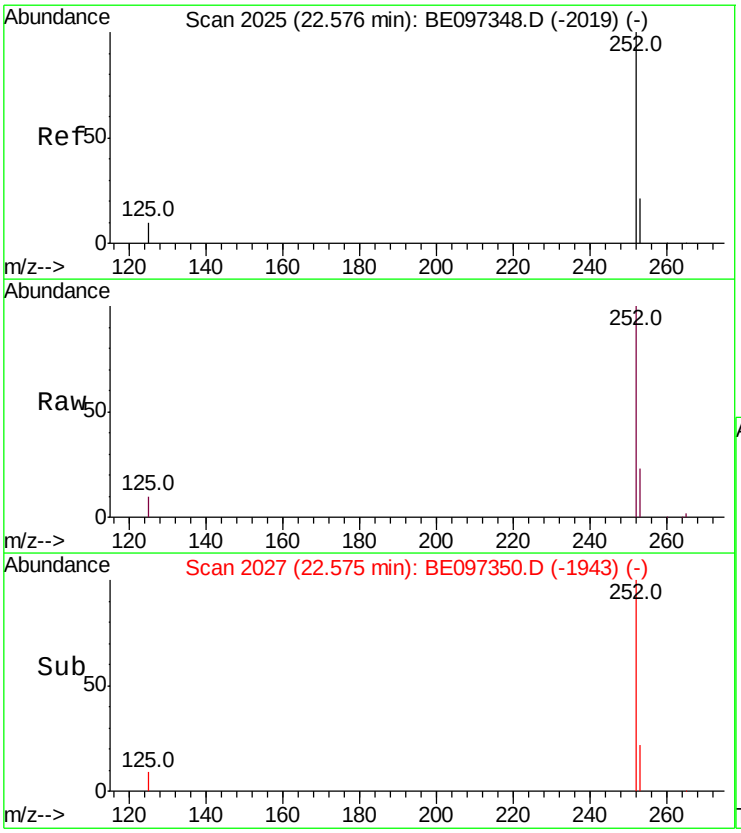
#35
Benzo(b)fluoranthene
Concen: 0.797 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14969

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.0	30.0
125	9.6	16.0	24.0#

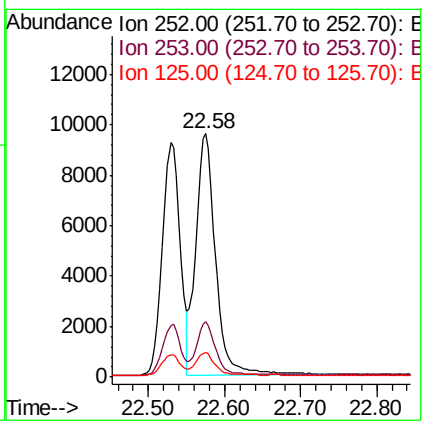


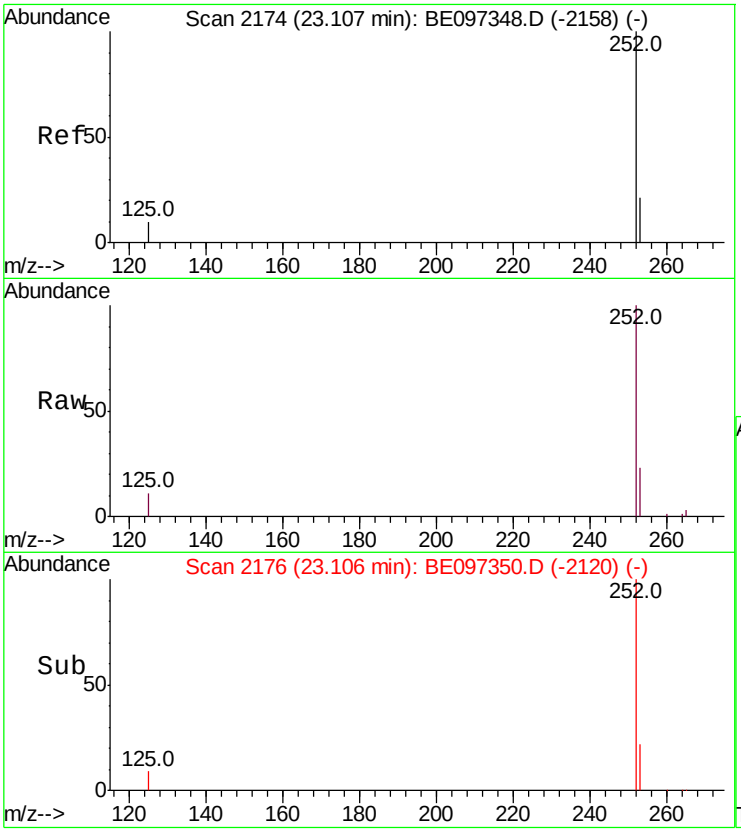


#36
Benzo(k)fluoranthene
Concen: 0.660 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:252 Resp: 17397

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	10.0	8.0	12.0



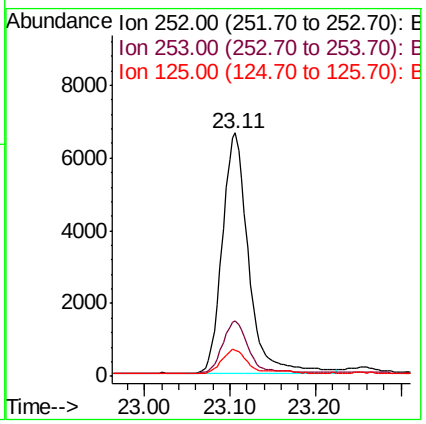


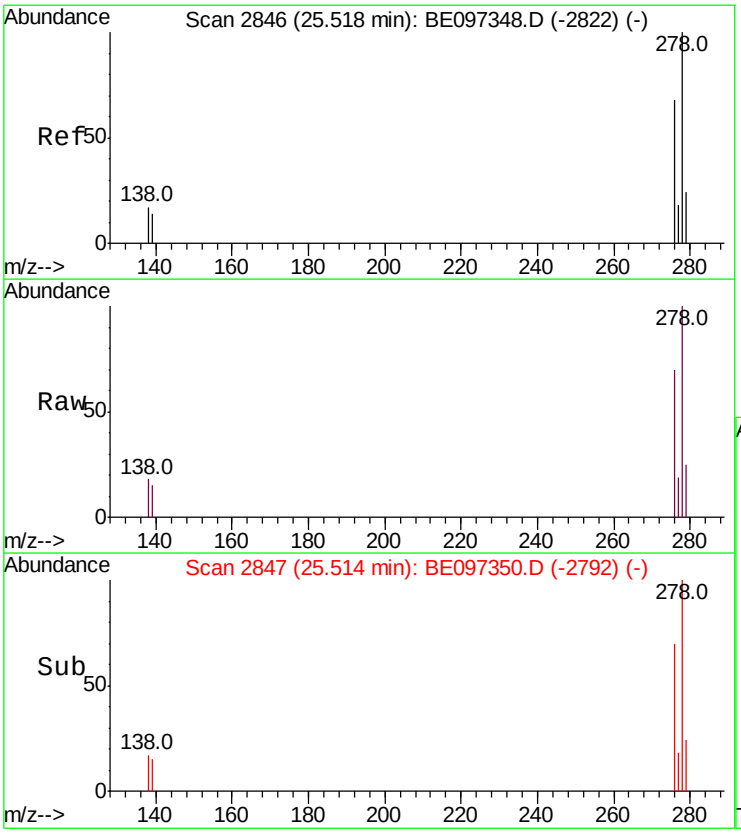
#37
Benzo(a)pyrene
Concen: 0.825 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14119

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	10.5	12.0	18.0#

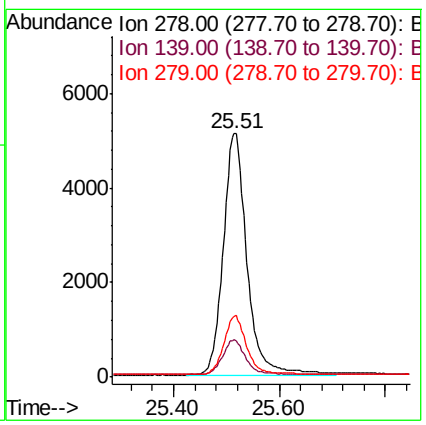


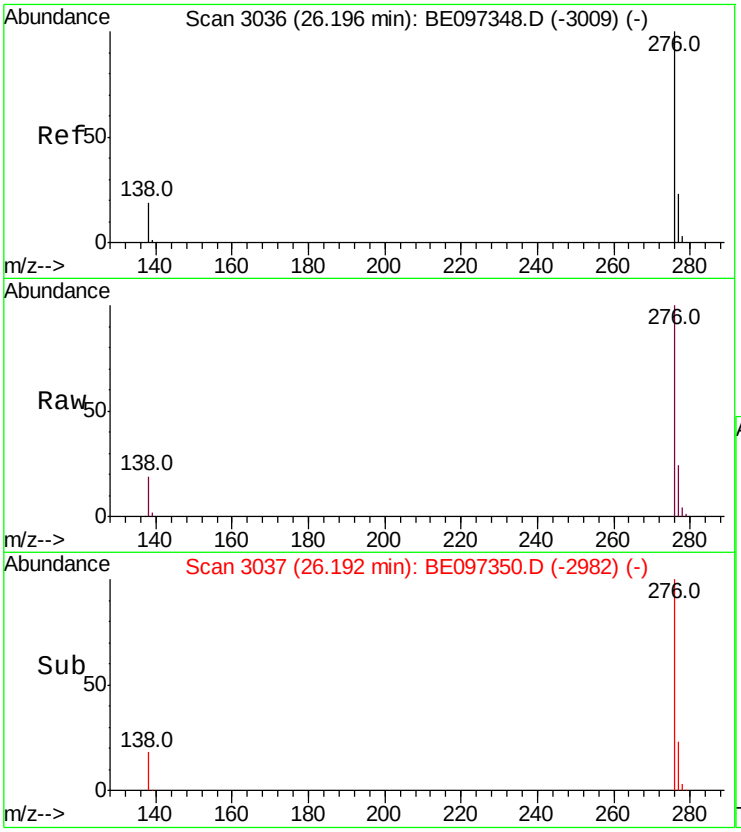


#38
Dibenzo(a,h)anthracene
Concen: 1.082 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion:278 Resp: 15819

Ion	Ratio	Lower	Upper
278	100		
139	15.4	16.0	24.0#
279	24.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.082 ng
RT: 26.19 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 15953

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	19.2	20.0	30.0#